

Product Features

- Constant Current LED
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Indoor Lighting

General Specifications

Operation Voltage	~33V
Module Driver Type	Constant Current
LED Package	3030

Technical Specifications

Length(mm)	280
Width(mm)	55
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	11
Parallel	3
Total LED Quantity	33

Connections Data

Wire size	0,14-0,34mm ² (26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA			116mA			31,9V			11,2W	1686	1874	2061	1770	1966	2163			
500mA			166mA			33V			16,5W	2227	2475	2722	2340	2600	2860			

- Tolerance range for optical and electrical data: $\pm 10\%$.
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Product Features

- Constant Current LED
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Indoor Lighting

General Specifications

Operation Voltage	~27V
Module Driver Type	Constant Current
LED Package	3030

Technical Specifications

Length(mm)	146
Width(mm)	45
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	9
Parallel	4
Total LED Quantity	36

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Driving Current & Luminous Flux @(Tj=25°C)																			
Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K			
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	
350mA		87mA		27V		9,2W		1188		1251		1313		1188		1251		1313	
500mA		125mA		27V		13,5W		1619		1705		1790		1619		1705		1790	

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Product Features

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- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Indoor Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Current
LED Package	3030

Technical Specifications

Length(mm)	85
Width(mm)	43
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	4
Parallel	4
Total LED Quantity	16

Connections Data

Wire size	0,14-0,34mm ² (26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K				
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.		
320mA			80mA			12V			3,84W	389	432	475	389	432	475					
400mA			100mA			12V			4,8W	480	533	586	480	533	586					
480mA			120mA			12V			5,76W	566	629	692	566	629	692					

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Product Features

- 12V Constant Voltage IC LED
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Downlight Lighting
- Office Lighting
- Retail Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	298
Width(mm)	98
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	3
Parallel	12
Total LED Quantity	36

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
800mA			70mA				12V			10W			1000			1044		
													1080			1000		
																1044		
																1080		

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Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Lighting
- Highbay Lighting

General Specifications

Operation Voltage	~108V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	173
Width(mm)	173
PCB Thicknes(mm)	1,6
PCB Material	ALU

Electrical Specifications

Series	36
Parallel	1
Total LED Quantity	36

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K				
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.		
350mA			350mA			108V			37,5W	4680	4797	4914	4680	4797	4914					
500mA			500mA			108V			53,5W	6404	6564	6724	6404	6564	6724					
700mA			700mA			108V			75W	8359	8568	8777	8359	8568	8777					

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Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Wallwasher Lighting
- Decorative Lighting
- Outdoor Lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	300
Width(mm)	17
PCB Thicknes(mm)	1,6
PCB Material	ALU

Electrical Specifications

Series	12
Parallel	1
Total LED Quantity	12

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA			350mA			34,8V			12W	1560	1596	1644	1560	1596	1644			
500mA			500mA			35,4V			18W	2138	2184	2244	2138	2184	2244			
700mA			700mA			36V			25,2W	2784	2856	2928	2784	2856	2928			

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Product Features

- 42V Constant Current IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Linear Lighting

General Specifications	
Operation Voltage	~24V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications	
Length(mm)	500
Width(mm)	5
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications	
Series	14
Parallel	1
Total LED Quantity	14

Connections Data	
Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics	
Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
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Product Features

- Constant Current IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 150mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Decorative Lighting
- Indoor Lighting
- Linear Lighting
- Tube Lighting
- Cove Lighting

General Specifications

Operation Voltage	~27V
Module Driver Type	Constant Current
LED Package	3030

Technical Specifications

Length(mm)	600
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	9
Parallel	4
Total LED Quantity	36

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Driving Current & Luminous Flux @(Tj=25°C)																			
Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K			
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	
350mA		87mA		27V		9,2W		1188		1251		1313		1188		1251		1313	
500mA		125mA		27V		14		1619		1705		1790		1619		1705		1790	

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 100mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Office Lighting
- indoor Lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	500
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	ALU

Electrical Specifications

Series	7
Parallel	5
Total LED Quantity	35

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5.5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
400mA			83mA			24V			10W			890			989			1088

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:80/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	~3V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	35
Width(mm)	6
PCB Thicknes(mm)	1,6
PCB Material	ALU

Electrical Specifications

Series	1
Parallel	1
Total LED Quantity	1

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K				
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.		
350mA			350mA			2,9V			1W	130	133	137	130	133	137					
500mA			500mA			2,95V			1,5W	178	182	187	178	182	187					
700mA			700mA			3V			2,1W	232	238	244	232	238	244					

- Tolerance range for optical and electrical data: $\pm 10\%$.
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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 49.5mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Office Lighting
- indoor Lighting
- Linear Lighting
- Tube Lighting

General Specifications	
Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications	
Length(mm)	495
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications	
Series	6
Parallel	10
Total LED Quantity	60

Connections Data	
Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics	
Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)																			
Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K			
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	
400mA		41mA		24V		10W		890		989		1088		890		989		1088	

- Tolerance range for optical and electrical data: $\pm 10\%$.
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Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 70mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Decorative Lighting
- Wallwasher Application
- Outdoor Lighting

General Specifications

Operation Voltage	~18V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	560
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	8
Total LED Quantity	48

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	3-4mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA			43mA			17,4V			6,1W	792	834	875	792			834	875	
500mA			62.5mA			18,6V			9W	1368	1440	1512	1368			1440	1512	

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Spot Lighting

General Specifications

Operation Voltage	~27V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	90R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	ALU

Electrical Specifications

Series	9
Parallel	1
Total LED Quantity	9

Connections Data

Wire size	0,14-0,34mm ² (26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA			350mA			26,1V		9,2W		1170	1200	1230	1170	1200	1230			
700mA			700mA			26,8V		18,7W		2340	2399	2457	2340	2399	2457			

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Product Features

- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Downlight Lighting
- Office Lighting
- Retail Lighting

General Specifications

Operation Voltage	~33V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	90R
Width(mm)	
PCB Thicknes(mm)	1,2
PCB Material	CEM-1

Electrical Specifications

Series	11
Parallel	5
Total LED Quantity	55

Connections Data

Wire size	0,14-0,34mm ² (26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA			70mA				33V			11,5W	1584	1650	1716	1584	1650	1716		

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Downlight Lighting
- Office Lighting
- Retail Lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	75R
Width(mm)	
PCB Thicknes(mm)	1,2
PCB Material	CEM-1

Electrical Specifications

Series	12
Parallel	3
Total LED Quantity	36

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA			116mA			36V			12,6W	1728	1800	1872	1728		1800	1872		

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Downlight Lighting
- Office Lighting
- Retail Lighting

General Specifications

Operation Voltage	~33V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	50R
Width(mm)	
PCB Thicknes(mm)	1,2
PCB Material	CEM-1

Electrical Specifications

Series	11
Parallel	3
Total LED Quantity	33

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA			116mA				33V			11,5W	1584	1650	1716	1584	1650	1716		

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Downlight Lighting
- Office Lighting
- Retail Lighting

General Specifications

Operation Voltage	~42V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	78R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	ALU

Electrical Specifications

Series	14
Parallel	3
Total LED Quantity	42

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA			116mA			42V			14,7W	1627	1713	1798	1627			1713	1798	

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative lighting
- Downlight Lighting
- Office Lighting
- Retail Lighting

General Specifications

Operation Voltage	12V
Module Driver Type	Constant Voltage
LED Package	PLCC-4

Technical Specifications

Length(mm)	24R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	3
Parallel	1
Total LED Quantity	3

Connections Data

Wire size	0,14-0,34mm ² (26-22 AWG)
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 63mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor Lighting
- Decorative Lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	500
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	8
Total LED Quantity	48

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
320mA	40mA	24V	7,68W	726	806	887	726	806	887	769	854	940	816	907	998	816	907	998
400mA	50mA	24V	9,6W	890	989	1088	890	989	1088	942	1046	1151	998	1109	1220	998	1109	1220
480mA	60mA	24V	11,52W	1045	1162	1278	1045	1162	1278	1110	1234	1357	1175	1306	1436	1175	1306	1436

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 100mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor Lighting
- Decorative Lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	500
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	5
Total LED Quantity	30

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
200mA	40mA	24V	4,8W	454	504	554	454	504	554	481	534	587	510	567	624	510	567	624
250mA	50mA	24V	6,0W	556	618	680	556	618	680	589	654	719	624	693	762	624	693	762
300mA	60mA	24V	7,2W	653	726	799	653	726	799	694	771	848	734	816	898	734	816	898

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 111mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor Lighting
- Decorative Lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	333
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	7
Parallel	3
Total LED Quantity	21

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
180mA	60mA	24V	4,32W	457	508	559	457	508	559	486	540	594	514	571	628	514	571	628
240mA	80mA	24V	5,76W	592	657	723	592	657	723	627	697	767	663	737	811	663	737	811
300mA	100mA	24V	7,2W	716	796	875	716	796	875	760	844	929	803	893	982	803	893	982

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 100mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor Lighting
- Decorative Lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	500
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	5
Total LED Quantity	30

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
200mA	40mA	24V	4,8W	459	510	561	459	510	561	497	552	607	537	597	657	537	597	657
250mA	50mA	24V	6,0W	562	624	686	562	624	686	608	675	743	659	732	805	659	732	805
300mA	60mA	24V	7,2W	662	735	809	662	735	809	716	795	875	778	864	950	778	864	950

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 60mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor Lighting
- Decorative Lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	480
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	7
Parallel	8
Total LED Quantity	56

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
240mA	30mA	24V	5,76W	655	728	801	655	728	801	690	767	844	731	812	893	731	812	893
320mA	40mA	24V	7,68W	847	941	1035	847	941	1035	897	997	1096	953	1058	1164	953	1058	1164
400mA	50mA	24V	9,6W	1038	1154	1269	1038	1154	1269	1099	1221	1343	1164	1294	1423	1164	1294	1423

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 167mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor Lighting
- Decorative Lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	500
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	7
Parallel	3
Total LED Quantity	21

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
180mA	60mA	24V	4,32W	457	508	559	457	508	559	486	540	594	514	571	628	514	571	628
240mA	80mA	24V	5,76W	592	657	723	592	657	723	627	697	767	663	737	811	663	737	811
300mA	100mA	24V	7,2W	716	796	875	716	796	875	760	844	929	803	893	982	803	893	982

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 100mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Linear Lighting
- Office lighting

General Specifications

Operation Voltage	~6V
Module Driver Type	Constant Current
LED Package	5630/2016

Technical Specifications

Length(mm)	200
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	2
Parallel	4
Total LED Quantity	8

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	87,5mA	6V	2,1W	286	318	350	301	334	367	314	349	384	325	361	397	325	361	397
500mA	125mA	6V	3W	413	459	505	433	481	529	453	504	554	468	520	572	468	520	572

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 100mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Linear Lighting
- Office lighting

General Specifications

Operation Voltage	~6V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	200
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	2
Parallel	4
Total LED Quantity	8

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	87,5mA	6V	2,1W	286	318	350	301	334	367	314	349	384	325	361	397	325	361	397
500mA	125mA	6V	3W	413	459	505	433	481	529	453	504	554	468	520	572	468	520	572

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 100mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	500
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	6
Parallel	5
Total LED Quantity	30

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
300mA	60mA	24V	7,2W	653	726	799	653	726	799	694	771	848	734	816	898	734	816	898
400mA	80mA	24V	9,6W	845	939	1033	845	939	1033	896	996	1096	948	1053	1158	948	1053	1158
500mA	100mA	24V	12W	1023	1137	1251	1023	1137	1251	1085	1206	1327	1148	1275	1403	1148	1275	1403

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 30mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	480
Width(mm)	5
PCB Thicknes(mm)	1,6
PCB Material	FR4 2L

Electrical Specifications

Series	3
Parallel	16
Total LED Quantity	48

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
320mA	20mA	12V	3,84W	389	432	475	389	432	475	423	470	517	458	509	560	458	509	560
400mA	25mA	12V	4,8W	480	533	586	480	533	586	518	576	634	562	624	686	562	624	686
480mA	30mA	12V	5,76W	566	629	692	566	629	692	609	677	744	665	739	813	665	739	813

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 99mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	495
Width(mm)	10
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	5
Total LED Quantity	30

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
200mA	40mA	24V	4,8W	454	504	554	454	504	554	481	534	587	510	567	624	510	567	624
250mA	50mA	24V	6,0W	556	618	680	556	618	680	589	654	719	624	693	762	624	693	762
300mA	60mA	24V	7,2W	653	726	799	653	726	799	694	771	848	734	816	898	734	816	898

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 99mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	495
Width(mm)	10
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	5
Total LED Quantity	30

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
200mA	40mA	24V	4,8W	459	510	561	459	510	561	497	552	607	537	597	657	537	597	657
250mA	50mA	24V	6,0W	562	624	686	562	624	686	608	675	743	659	732	805	659	732	805
300mA	60mA	24V	7,2W	662	735	809	662	735	809	716	795	875	778	864	950	778	864	950

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 50mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	500
Width(mm)	8
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	3
Parallel	10
Total LED Quantity	30

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
800mA	80mA	12V	9,6W	788	876	964	788	876	964	896	996	1096	1006	1118	1229	1006	1118	1229
1000mA	100mA	12V	12W	967	1074	1181	967	1074	1181	1099	1221	1343	1234	1371	1508	1234	1371	1508
1200mA	120mA	12V	14,4W	1134	1260	1386	1134	1260	1386	1291	1434	1577	1447	1608	1769	1447	1608	1769

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 62mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	496
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	8
Total LED Quantity	48

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
160mA	20mA	24V	3,84W	389	432	475	389	432	475	423	470	517	458	509	560	458	509	560
240mA	30mA	24V	5,76W	566	629	692	566	629	692	609	677	744	665	739	813	665	739	813
320mA	40mA	24V	7,68W	734	816	898	734	816	898	795	883	972	860	955	1051	860	955	1051

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 86,6mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Linear Lighting
- Office lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	520
Width(mm)	9
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	8
Parallel	6
Total LED Quantity	48

Connections Data

Wire size	-
Terminal Strip Length	-
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	58mA	23,2V	8,1W	1045	1162	1278	1045	1162	1278	1110	1234	1357	1175	1306	1436	1175	1306	1436
500mA	83mA	24V	12W	1352	1502	1653	1352	1502	1653	1434	1594	1753	1516	1685	1853	1516	1685	1853
700mA	116mA	24,4V	17W	1819	2021	2223	1819	2021	2223	1970	2189	2408	2035	2261	2487	2035	2261	2487

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 250mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	5630

Technical Specifications

Length(mm)	500
Width(mm)	15,5
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	2
Total LED Quantity	12

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
120mA	60mA	24V	2,88W	307	341	375	322	358	393	337	374	412	348	386	425	348	386	425
160mA	80mA	24V	3,84W	405	450	495	426	473	520	445	494	544	460	511	562	460	511	562
200mA	100mA	24V	4,8W	502	558	614	526	584	643	551	612	673	569	632	696	569	632	696

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 125mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	5630

Technical Specifications

Length(mm)	500
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	MCPCB

Electrical Specifications

Series	6
Parallel	4
Total LED Quantity	24

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
320mA	80mA	24V	7,68W	810	900	990	851	946	1040	890	989	1088	920	1022	1125	920	1022	1125
400mA	100mA	24V	9,6W	1004	1116	1228	1052	1169	1286	1102	1224	1346	1138	1265	1391	1138	1265	1391
480mA	120mA	24V	11,52W	1192	1325	1457	1251	1390	1529	1309	1454	1600	1352	1502	1653	1352	1502	1653

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- 24V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 165mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	495
Width(mm)	16
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	6
Parallel	3
Total LED Quantity	18

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
180mA	60mA	24V	4,32W	392	436	479	392	436	479	416	463	509	441	490	539	441	490	539
240mA	80mA	24V	5,76W	507	563	620	507	563	620	538	598	657	569	632	695	569	632	695
300mA	100mA	24V	7,2W	614	682	750	614	682	750	651	724	796	689	765	842	689	765	842

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 49,5mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	495
Width(mm)	5
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	3
Parallel	10
Total LED Quantity	30

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
200mA	20mA	12V	2,4W	459	510	561	459	510	561	497	552	607	537	597	657	537	597	657
250mA	25mA	12V	3,0W	562	624	686	562	624	686	608	675	743	659	732	805	659	732	805
300mA	30mA	12V	3,6W	662	735	809	662	735	809	716	795	875	778	864	950	778	864	950

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 31mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	495
Width(mm)	10
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	3
Parallel	16
Total LED Quantity	48

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
320mA	20mA	12V	3,84W	389	432	475	389	432	475	423	470	517	458	509	560	458	509	560
400mA	25mA	12V	4,8W	480	533	586	480	533	586	518	576	634	562	624	686	562	624	686
480mA	30mA	12V	5,76W	566	629	692	566	629	692	609	677	744	665	739	813	665	739	813

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 31mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	495
Width(mm)	4
PCB Thicknes(mm)	1,6
PCB Material	FR4 2L

Electrical Specifications

Series	3
Parallel	16
Total LED Quantity	48

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
320mA	20mA	12V	3,84W	389	432	475	389	432	475	423	470	517	458	509	560	458	509	560
400mA	25mA	12V	4,8W	480	533	586	480	533	586	518	576	634	562	624	686	562	624	686

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 31mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	495
Width(mm)	5
PCB Thicknes(mm)	1,6
PCB Material	FR4 2L

Electrical Specifications

Series	3
Parallel	16
Total LED Quantity	48

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
320mA	20mA	12V	3,84W	389	432	475	389	432	475	423	470	517	458	509	560	458	509	560
400mA	25mA	12V	4,8W	480	533	586	480	533	586	518	576	634	562	624	686	562	624	686
480mA	30mA	12V	5,76W	566	629	692	566	629	692	609	677	744	665	739	813	665	739	813

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 41,3mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	5630

Technical Specifications

Length(mm)	495
Width(mm)	9
PCB Thicknes(mm)	1,6
PCB Material	FR4 2L

Electrical Specifications

Series	3
Parallel	12
Total LED Quantity	36

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
360mA	30mA	12V	4,32W	467	518	570	489	544	598	512	569	626	528	587	645	528	587	645
600mA	50mA	12V	7,2W	771	857	942	810	900	990	846	940	1034	875	972	1069	875	972	1069

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 55mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	5630

Technical Specifications

Length(mm)	495
Width(mm)	8
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	3
Parallel	9
Total LED Quantity	27

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	100mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
360mA	40mA	12V	4,32W	464	516	567	486	540	594	510	567	624	527	586	644	527	586	644
540mA	60mA	12V	6,48W	690	767	843	724	805	885	758	842	927	782	869	956	782	869	956

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage LED strip
- High color rendering index CRI>80
- Color range White(RED, GREEN, BLUE, AMBER)
- Beam Angle :120°
- Adjust the length cuttable after every 99mm
- All combinations with constant voltage LED Driver
- Self-adhesive 3M tape on the back side for simple installation
- Type of protection :IP00
- Life time(L70B50) >30.000 h, at Tc=55°C
- MOQ:15/pcs

Application Areas

- Indoor Lighting
- Decorative Lighting
- Linear Lighting
- Cove Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	5050

Technical Specifications

Length(mm)	495
Width(mm)	10
PCB Thicknes(mm)	1,6
PCB Material	FR4 2L

Electrical Specifications

Series	6
Parallel	5
Total LED Quantity	30

Connections Data

Wire size	0,34mm2
Terminal Strip Length	100mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Cur rent(meter)	Operating Current per LED	Operating Voltage (Typ)	Module Powe r(meter)	RED			GREEN			BLUE			AMBER			RGB		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.			
600mA	60mA	24V	7,2W	-	-	-	-	-	-	-	-	-	-	-	-			

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage LED strip
- High color rendering index CRI>80
- Color range White(RED, GREEN, BLUE, AMBER)
- Beam Angle :120°
- Adjust the length cuttable after every 49,5mm
- All combinations with constant voltage LED Driver
- Self-adhesive 3M tape on the back side for simple installation
- Type of protection :IP00
- Life time(L70B50) >30.000 h, at Tc=55°C
- MOQ:15/pcs

Application Areas

- Indoor Lighting
- Decorative Lighting
- Linear Lighting
- Cove Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	5050

Technical Specifications

Length(mm)	495
Width(mm)	10
PCB Thicknes(mm)	1,6
PCB Material	FR4 2L

Electrical Specifications

Series	3
Parallel	10
Total LED Quantity	30

Connections Data

Wire size	0,34mm2
Terminal Strip Length	100mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Cur rent(meter)	Operating Current per LED	Operating Voltage (Typ)	Module Powe r(meter)	RED			GREEN			BLUE			AMBER			RGB		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.			
600mA	60mA	12V	7,2W	-	-	-	-	-	-	-	-	-	-	-	-			

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 82,5mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	5630

Technical Specifications

Length(mm)	495
Width(mm)	11
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	3
Parallel	3
Total LED Quantity	9

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
180mA	60mA	12V	2,1W	230	256	281	241	268	295	253	281	309	261	290	319	261	290	319
240mA	80mA	12V	2,9W	304	338	371	319	355	390	334	371	408	345	383	422	345	383	422
300mA	100mA	12V	3,6W	377	419	460	394	438	482	413	459	505	427	474	522	427	474	522

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage IC LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 82,5mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	495
Width(mm)	11
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	3
Parallel	6
Total LED Quantity	18

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
240mA	40mA	12V	2,9W	309	344	378	324	360	396	340	378	416	352	391	430	352	391	430
360mA	60mA	12V	4,3W	460	511	562	483	536	590	505	562	618	522	580	638	522	580	638
480mA	80mA	12V	5,8W	608	675	743	638	709	780	667	742	816	690	767	843	690	767	843

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:15/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting
- Bulb Application

General Specifications

Operation Voltage	~9V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	44R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	3
Parallel	1
Total LED Quantity	3

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	8,7V	3W	390	400	410	390	400	410	417	427	438	468	480	491	468	480	491
500mA	500mA	8,9V	4,5W	534	547	560	534	547	560	571	585	599	641	657	673	641	657	673
700mA	700mA	9V	6,3W	697	714	731	697	714	731	758	776	795	850	871	893	850	871	893
1050mA	1050mA	9,2V	9,6W	977	1001	1026	977	1001	1026	1045	1071	1097	1172	1202	1231	1172	1202	1231

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:80/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting
- Bulb Application

General Specifications

Operation Voltage	~3V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	21R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	1
Parallel	1
Total LED Quantity	1

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	2,9V	1W	130	133	137	130	133	137	139	142	146	156	160	164	156	160	164
500mA	500mA	2,95V	1,5W	178	182	187	178	182	187	190	195	200	214	219	224	214	219	224
700mA	700mA	3V	2,1W	232	238	244	232	238	244	253	259	265	283	290	298	283	290	298
1050mA	1050mA	3,05V	3,2W	326	334	342	326	334	342	348	357	366	391	401	410	391	401	410

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 155lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:80/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting
- Bulb Application

General Specifications

Operation Voltage	~3V
Module Driver Type	Constant Current
LED Package	5050

Technical Specifications

Length(mm)	21R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	1
Parallel	1
Total LED Quantity	1

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
700mA	350mA	2,9V	2,1W	261	275	289	261	275	289	281	296	311	302	318	334	302	318	334
1050mA	500mA	2,94	3,2W	371	391	411	371	391	411	403	424	445	429	452	475	429	452	475
1400mA	700mA	3,1V	4,4W	474	499	524	474	499	524	513	540	567	553	582	611	553	582	611

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 170lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:80/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting
- Bulb Application

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Current
LED Package	7070

Technical Specifications

Length(mm)	45R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	1
Parallel	1
Total LED Quantity	1

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	11,5V	4W	536	595	655	536	595	655	574	638	702	618	687	756	618	687	756
500mA	500mA	11,7V	5,9W	742	824	906	742	824	906	795	883	971	856	951	1046	856	951	1046
700mA	700mA	11,7V	8,2W	995	1106	1217	995	1106	1217	1067	1186	1305	1150	1278	1406	1150	1278	1406
1050mA	1050mA	12V	12,6W	1397	1552	1707	1397	1552	1707	1498	1664	1830	1613	1792	1971	1613	1792	1971

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:9/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting
- Bulb Application

General Specifications

Operation Voltage	~18V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	70R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	6
Parallel	1
Total LED Quantity	6

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	17,4V	6W	780	800	819	780	800	819	834	855	876	936	959	983	936	959	983
500mA	500mA	17,7V	8,9W	1067	1094	1121	1067	1094	1121	1142	1170	1199	1281	1313	1345	1281	1313	1345
700mA	700mA	18V	12,6W	1393	1428	1463	1393	1428	1463	1515	1553	1591	1700	1743	1785	1700	1743	1785
1050mA	1050mA	18,4V	19,3W	1954	2002	2051	1954	2002	2051	2089	2141	2194	2345	2403	2462	2345	2403	2462

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:4/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	~27V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	110R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	9
Parallel	2
Total LED Quantity	18

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
700mA	350mA	26,1V	18,3W	2340	2399	2457	2340	2399	2457	2502	2565	2627	2808	2878	2948	2808	2878	2948
1000mA	500mA	26,5V	26,5W	3202	3282	3362	3202	3282	3362	3425	3511	3597	3843	3939	4035	3843	3939	4035
1400mA	700mA	27V	37,8W	4180	4284	4389	4180	4284	4389	4545	4659	4772	5101	5229	5356	5101	5229	5356

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:1/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	~72V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	200R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	24
Parallel	1
Total LED Quantity	24

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	69,6V	24,4W	3120	3198	3276	3120	3198	3276	3336	3419	3503	3744	3838	3931	3744	3838	3931
500mA	500mA	70,8V	35,4W	4270	4376	4483	4270	4376	4483	4567	4681	4796	5124	5252	5380	5124	5252	5380
700mA	700mA	72V	50,4W	5573	5712	5851	5573	5712	5851	6060	6212	6363	6802	6972	7142	6802	6972	7142
1050mA	1050mA	73,2V	76,9W	7814	8010	8205	7814	8010	8205	8357	8566	8775	9379	9614	9848	9379	9614	9848

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:1/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	45V/90V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	160R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	18/6
Parallel	1/3
Total LED Quantity	18

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
700mA / 350mA	350mA	89,2V / 44,6V	31,2W	2340	2399	2457	2340	2399	2457	2502	2565	2627	2808	2878	2948	2808	2878	2948
1000mA / 500mA	500mA	89,2V / 44,6V	44,6W	3202	3282	3362	3202	3282	3362	3425	3511	3597	3843	3939	4035	3843	3939	4035
1400mA / 700mA	700mA	89,2V / 44,6V	62,5W	4180	4284	4389	4180	4284	4389	4545	4659	4772	5101	5229	5356	5101	5229	5356
2100mA / 1050mA	1050mA	89,2V / 44,6V	93,6W	5861	6007	6154	5861	6007	6154	6268	6424	6581	7034	7210	7386	7034	7210	7386

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:1/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	45V/90V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	140R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	30/15
Parallel	1/2
Total LED Quantity	30

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
700mA/350 mA	350mA	89,2V / 44,6V	31,2W	3900	3998	4095	3900	3998	4095	4170	4274	4379	4680	4797	4914	4680	4797	4914
1000mA/50 0mA	500mA	89,2V / 44,6V	44,6W	5337	5470	5604	5337	5470	5604	5709	5852	5994	6405	6565	6725	6405	6565	6725
1400mA/70 0mA	700mA	89,2V / 44,6V	62,5W	6966	7140	7314	6966	7140	7314	7575	7764	7954	8502	8715	8927	8502	8715	8927
2100mA/10 50mA	1050mA	89,2V / 44,6V	93,6W	9768	10012	10256	9768	10012	10256	10446	10707	10968	11724	12017	12310	11724	12017	12310

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:1/pcs

Application Areas

- Indoor lighting
- Panel lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	2016

Technical Specifications

Length(mm)	540
Width(mm)	540
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	12
Parallel	12
Total LED Quantity	144

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	29mA	34,8V	12,2W	1737	1930	2123	1737	1930	2123	1737	1930	2123	1879	2088	2297	1879	2088	2297
500mA	41mA	35,4V	17,7W	2424	2693	2962	2424	2693	2962	2424	2693	2962	2631	2923	3216	2631	2923	3216
700mA	58mA	36V	25,2W	3370	3744	4118	3370	3744	4118	3370	3744	4118	3655	4061	4467	3655	4061	4467
1050mA	87mA	36,6V	38,5W	4912	5458	6003	4912	5458	6003	4912	5458	6003	5340	5933	6526	5340	5933	6526

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 37,5mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	487
Width(mm)	5
PCB Thicknes(mm)	1,6
PCB Material	FR4 2Layer

Electrical Specifications

Series	3
Parallel	26
Total LED Quantity	78

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
390mA	15mA	12V	4,7W	484	538	592	484	538	592	527	585	644	576	640	704	576	640	704
520mA	20mA	12V	6,5W	632	702	772	632	702	772	688	764	841	744	827	909	744	827	909

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- All combinations with constant voltage LED Driver
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Cove Lighting
- indoor lighting
- Decorative lighting
- Linear Lighting
- Tube Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	500
Width(mm)	5
PCB Thicknes(mm)	1,6
PCB Material	FR4 2Layer

Electrical Specifications

Series	3
Parallel	40
Total LED Quantity	120

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
400mA	10mA	12V	4,8W	529	588	647	529	588	647	572	636	700	626	696	766	626	696	766
600mA	15mA	12V	7,2W	745	828	911	745	828	911	810	900	990	886	984	1082	886	984	1082

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:10/pcs

Application Areas

- Wallwasher Application
- Decorative Lighting
- Outdoor Lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	600
Width(mm)	20
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	12
Parallel	1
Total LED Quantity	12

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	34,8V	12W	1560	1596	1644	1560	1596	1644	1668	1704	1752	1872	1920	1968	1872	1920	1968
500mA	500mA	35,4V	18W	2138	2184	2244	2138	2184	2244	2280	2340	2400	2568	2628	2688	2568	2628	2688
700mA	700mA	36V	25,2W	2784	2856	2928	2784	2856	2928	3036	3108	3180	3396	3480	3576	3396	3480	3576
1050mA	1050mA	36,6V	38,4W	3912	4008	4104	3912	4008	4104	4176	4284	4392	4692	4812	4920	4692	4812	4920

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- Color range White, RED, GREEN, BLUE, AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:10/pcs

Application Areas

- Wallwasher Application
- Decorative Lighting
- Outdoor Lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	300
Width(mm)	15
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	4
Parallel	3
Total LED Quantity	12

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	34,8V	12W	1560	1596	1644	1560	1596	1644	1668	1704	1752	1872	1920	1968	1872	1920	1968
500mA	500mA	35,4V	18W	2138	2184	2244	2138	2184	2244	2280	2340	2400	2568	2628	2688	2568	2628	2688
700mA	700mA	36V	25,2W	2784	2856	2928	2784	2856	2928	3036	3108	3180	3396	3480	3576	3396	3480	3576
1050mA	1050mA	36,6V	38,4W	3912	4008	4104	3912	4008	4104	4176	4284	4392	4692	4812	4920	4692	4812	4920

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 170lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K
- Beam Angle :120°
- Self-cooling (no additional heat sink required
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:12/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting
- Bulb Application

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	25
Width(mm)	18
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	1
Parallel	1
Total LED Quantity	1

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	11,5V	4W	535	595	654	535	595	654	574	638	701	618	687	755	618	687	755
500mA	500mA	11,7V	5,9W	741	824	906	741	824	906	794	883	971	855	951	1046	855	951	1046
700mA	700mA	11,7V	8,2W	995	1106	1216	995	1106	1216	1067	1186	1304	1150	1278	1405	1150	1278	1405
1050mA	1050mA	12V	12,6W	1396	1552	1707	1396	1552	1707	1497	1664	1830	1612	1792	1971	1612	1792	1971

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:10/pcs

Application Areas

- Wallwasher Application
- Decorative Lighting
- Outdoor Lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	300
Width(mm)	15
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	12
Parallel	1
Total LED Quantity	12

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	34,8V	12W	1560	1596	1644	1560	1596	1644	1668	1704	1752	1872	1920	1968	1872	1920	1968
500mA	500mA	35,4V	18W	2138	2184	2244	2138	2184	2244	2280	2340	2400	2568	2628	2688	2568	2628	2688
700mA	700mA	36V	25,2W	2784	2856	2928	2784	2856	2928	3036	3108	3180	3396	3480	3576	3396	3480	3576
1050mA	1050mA	36,6V	38,4W	3912	4008	4104	3912	4008	4104	4176	4284	4392	4692	4812	4920	4692	4812	4920

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:3/pcs

Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Application
- Highway Lighting

General Specifications

Operation Voltage	~192V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	230
Width(mm)	220
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	64
Parallel	1
Total LED Quantity	64

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
700mA	350mA	185,6V	65W	8320	8528	8736	8320	8528	8736	8896	9118	9340	9984	10233	10483	9984	10233	10483
1000mA	500mA	188,8V	94,5W	11385	11670	11954	11385	11670	11954	12179	12483	12788	13664	14005	14347	13664	14005	14347
1400mA	700mA	192V	134,5W	14860	15232	15603	14860	15232	15603	16160	16564	16968	18137	18591	19044	18137	18591	19044
2100mA	1050mA	195,2V	205W	20838	21359	21880	20838	21359	21880	22284	22841	23399	25011	25636	26261	25011	25636	26261

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:3/pcs

Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Application
- Highway Lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	260
Width(mm)	62
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	12
Parallel	2
Total LED Quantity	24

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
700mA	350mA	34,8V	12,2	3120	3198	3276	3120	3198	3276	3336	3419	3502	3744	3837	3931	3744	3837	3931
1000mA	500mA	35,4V	17,7W	4269	4376	4483	4269	4376	4483	4567	4681	4795	5124	5252	5380	5124	5252	5380
1400mA	700mA	36V	25,2W	5572	5712	5851	5572	5712	5851	6060	6211	6363	6801	6971	7141	6801	6971	7141
2100mA	1050mA	36,6V	38,5W	7814	8009	8205	7814	8009	8205	8356	8565	8774	9379	9613	9848	9379	9613	9848

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:4/pcs

Application Areas

- Outdoor Lighting
- Tunnel Application
- Highbay Lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	150
Width(mm)	150
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	12
Parallel	2
Total LED Quantity	24

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(T_j=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
700mA	350mA	34,8V	12,2	3120	3198	3276	3120	3198	3276	3336	3419	3502	3744	3837	3931	3744	3837	3931
1000mA	500mA	35,4V	17,7W	4269	4376	4483	4269	4376	4483	4567	4681	4795	5124	5252	5380	5124	5252	5380
1400mA	700mA	36V	25,2W	5572	5712	5851	5572	5712	5851	6060	6211	6363	6801	6971	7141	6801	6971	7141
2100mA	1050mA	36,6V	38,5W	7814	8009	8205	7814	8009	8205	8356	8565	8774	9379	9613	9848	9379	9613	9848

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:1/pcs

Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Application
- Highbay Lighting

General Specifications

Operation Voltage	~48V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	240
Width(mm)	260
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	16
Parallel	4
Total LED Quantity	64

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
1400mA	350mA	46,4V	65W	8320	8528	8736	8320	8528	8736	8896	9118	9340	9984	10233	10483	9984	10233	10483
2000mA	500mA	47,2V	94,5W	11385	11670	11954	11385	11670	11954	12179	12483	12788	13664	14005	14347	13664	14005	14347
2800mA	700mA	48V	134,5W	14860	15232	15603	14860	15232	15603	16160	16564	16968	18137	18591	19044	18137	18591	19044
4200mA	1050mA	48,8V	205W	20838	21359	21880	20838	21359	21880	22284	22841	23399	25011	25636	26261	25011	25636	26261

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:4/pcs

Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Application
- Highbay Lighting

General Specifications

Operation Voltage	~48V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	205
Width(mm)	60
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	12
Parallel	1
Total LED Quantity	12

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	46,4V	16,3W	2294	2366	2438	2294	2366	2438	2438	2496	2555	2555	2617	2680	2555	2617	2680
500mA	500mA	47,2V	23,6W	3107	3204	3302	3107	3204	3302	3302	3380	3459	3459	3544	3630	3459	3544	3630
700mA	700mA	48V	33,6W	4100	4228	4356	4100	4228	4356	4356	4460	4564	4564	4677	4790	4564	4677	4790
1050mA	1050mA	48,8V	51,3W	5568	5741	5915	5568	5741	5915	5915	6056	6198	6198	6350	6502	6198	6350	6502

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 25mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:5/pcs

Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Application
- Highbay Lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	144
Width(mm)	46
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	12
Parallel	1
Total LED Quantity	12

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	34,8V	12W	1560	1596	1644	1560	1596	1644	1668	1704	1752	1872	1920	1968	1872	1920	1968
500mA	500mA	35,4V	18W	2138	2184	2244	2138	2184	2244	2280	2340	2400	2568	2628	2688	2568	2628	2688
700mA	700mA	36V	25,2W	2784	2856	2928	2784	2856	2928	3036	3108	3180	3396	3480	3576	3396	3480	3576
1050mA	1050mA	36,6V	38,4W	3912	4008	4104	3912	4008	4104	4176	4284	4392	4692	4812	4920	4692	4812	4920

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
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The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:1/pcs

Application Areas

- Outdoor Lighting
- Street Lighting
- Tunnel Application
- Highbay Lighting

General Specifications

Operation Voltage	~72V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	250
Width(mm)	250
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	24
Parallel	2
Total LED Quantity	48

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
700mA	350mA	69,6V	48,8W	6240	6396	6552	6240	6396	6552	6672	6838	7005	7488	7675	7862	7488	7675	7862
1000mA	500mA	70,8V	70,8W	8539	8752	8966	8539	8752	8966	9134	9362	9591	10248	10504	10760	10248	10504	10760
1400mA	700mA	72V	101W	11145	11424	11702	11145	11424	11702	12120	12423	12726	13603	13943	14283	13603	13943	14283
2100mA	1050mA	73,2V	154W	15628	16019	16410	15628	16019	16410	16713	17131	17549	18758	19227	19696	18758	19227	19696

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 160lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:1/pcs

Application Areas

- Outdoor Lighting
- Decorative Lighting
- Street Lighting
- Tunnel Application
- Highbay Lighting

General Specifications

Operation Voltage	~180V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	290
Width(mm)	260
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	60
Parallel	1
Total LED Quantity	60

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperatura range	-20 ~ 80°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	174V	61W	7800	7995	8190	7800	7995	8190	8340	8548	8757	9360	9594	9828	9360	9594	9828
500mA	500mA	177,2V	88,6W	10674	10940	11207	10674	10940	11207	11418	11703	11988	12810	13130	13450	12810	13130	13450
700mA	700mA	180V	126W	13932	14280	14628	13932	14280	14628	15150	15528	15907	17004	17429	17854	17004	17429	17854
1050mA	1050mA	186V	192W	19536	20024	20512	19536	20024	20512	20892	21414	21936	23448	24034	24620	23448	24034	24620

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~72V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	24
Parallel	3
Total LED Quantity	72

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	69,6V	17,4W	2063	2172	2280	2063	2172	2280	2348	2472	2595	2636	2775	2913	2636	2775	2913
300mA	100mA	71,4V	21,5W	2448	2577	2705	2448	2577	2705	2781	2928	3074	3120	3285	3449	3120	3285	3449
350mA	116mA	72,6V	25,4W	2778	2925	3071	2778	2925	3071	3172	3339	3505	3377	3555	3732	3553	3741	3928

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 170lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~21V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	280
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	7
Parallel	3
Total LED Quantity	21

Connections Data

Wire size	0,2-0,75mm ² (24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	20,3V	5W	767	852	937	767	852	937	803	892	981	839	932	1025	839	932	1025
300mA	100mA	21V	6,3W	878	976	1074	920	1022	1124	963	1071	1178	996	1106	1217	996	1106	1217
350mA	116mA	21,4V	7,5W	1056	1173	1291	1056	1173	1291	1105	1228	1351	1152	1281	1409	1152	1281	1409

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 170lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~42V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	14
Parallel	3
Total LED Quantity	42

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	40,6V	10W	1534	1705	1875	1534	1705	1875	1606	1785	1963	1678	1864	2051	1678	1864	2051
300mA	100mA	42V	12,6W	1757	1953	2148	1840	2045	2249	1927	2142	2356	1992	2213	2434	1992	2213	2434
350mA	116mA	42,8V	15W	2113	2347	2582	2113	2347	2582	2211	2457	2702	2305	2562	2818	2305	2562	2818

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	140
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	Fr4

Electrical Specifications

Series	4
Parallel	3
Total LED Quantity	12

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	11,6V	5,8W	344	362	380	344	362	380	391	412	433	439	462	485	439	462	485
300mA	100mA	11,9V	7,2W	408	429	450	408	429	450	464	488	512	520	547	574	520	547	574
350mA	116mA	12,1V	8,5W	463	487	511	463	487	511	528	556	584	562	592	622	562	592	622

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	8
Parallel	3
Total LED Quantity	24

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	23,2V	5,8W	687	724	760	687	724	760	782	824	865	878	925	971	878	925	971
300mA	100mA	23,8V	7,2W	816	859	901	816	859	901	927	976	1024	1040	1095	1149	1040	1095	1149
350mA	116mA	24,2V	8,5W	926	975	1023	926	975	1023	1057	1113	1168	1125	1185	1244	1184	1247	1309

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~48V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	16
Parallel	3
Total LED Quantity	48

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	46,4V	11,6W	1304	1449	1594	1304	1449	1594	1483	1648	1813	1665	1850	2035	1665	1850	2035
300mA	100mA	47,6V	14,4W	1546	1718	1890	1546	1718	1890	1758	1953	2148	1974	2193	2412	1974	2193	2412
350mA	116mA	48,4V	17W	1762	1958	2154	1762	1958	2154	2004	2227	2449	2252	2503	2753	2252	2503	2753

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Current
LED Package	3014

Technical Specifications

Length(mm)	140
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	4
Parallel	3
Total LED Quantity	12

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	11,6V	2,9W	370	390	409	370	390	409	399	420	441	437	460	483	437	460	483
300mA	100mA	11,9V	3,6W	350	369	387	350	369	387	473	498	522	513	540	567	487	513	538
350mA	116mA	12,1V	4,2W	494	520	546	494	520	546	510	537	563	581	612	642	581	612	642

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Current
LED Package	3014

Technical Specifications

Length(mm)	280
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	8
Parallel	3
Total LED Quantity	24

Connections Data

Wire size	0,2-0,75mm ² (24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	23,2V	5,8W	741	780	819	741	780	819	798	840	882	874	920	966	874	920	966
300mA	100mA	23,8V	7,2W	702	739	775	874	920	966	946	996	1045	1026	1080	1134	1026	1080	1134
350mA	116mA	24,2V	8,5W	988	1040	1092	988	1040	1092	1020	1074	1127	1163	1225	1286	1163	1225	1286

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~48V
Module Driver Type	Constant Current
LED Package	3014

Technical Specifications

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	16
Parallel	3
Total LED Quantity	48

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	46,4V	11,6W	1482	1560	1638	1482	1560	1638	1596	1680	1764	1748	1840	1932	1748	1840	1932
300mA	100mA	47,6V	14,4W	1748	1840	1932	1748	1840	1932	1892	1992	2091	2052	2160	2268	2052	2160	2268
350mA	116mA	48,4V	17W	1976	2080	2184	1976	2080	2184	2040	2148	2255	2327	2450	2572	2327	2450	2572

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 140mm
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~6V
Module Driver Type	Constant Current
LED Package	3014

Technical Specifications

Length(mm)	140
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	2
Parallel	3
Total LED Quantity	6

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	5,8V	1,5W	185	195	204	185	195	204	199	210	220	218	230	241	218	230	241
300mA	100mA	6V	1,8W	218	230	241	218	230	241	236	249	261	256	270	283	256	270	283
350mA	116mA	6,2V	2,2W	247	260	273	247	260	273	254	268	281	290	306	321	290	306	321

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Current
LED Package	3014

Technical Specifications

Length(mm)	280
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	4
Parallel	3
Total LED Quantity	12

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	11,6V	2,9W	370	390	409	370	390	409	399	420	441	437	460	483	437	460	483
300mA	100mA	12V	3,6W	437	460	483	437	460	483	473	498	522	513	540	567	513	540	567
350mA	116mA	12,2V	4,2W	494	520	546	494	520	546	536	565	593	581	612	642	581	612	642

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 160lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Current
LED Package	3014

Technical Specifications

Length(mm)	560
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	8
Parallel	3
Total LED Quantity	24

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	23,2V	5,8W	855	900	945	897	945	992	938	988	1037	970	1022	1073	970	1022	1073
300mA	100mA	23,8V	7,2W	1054	1110	1165	1111	1170	1228	1162	1224	1285	1206	1270	1333	1206	1270	1333
350mA	116mA	24,2V	8,5W	1239	1305	1370	1301	1370	1438	1358	1430	1501	1401	1475	1548	1401	1475	1548

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 175lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:10/pcs

Application Areas

- Decorative Lighting
- Industrial Lighting
- Office lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	280
Width(mm)	24
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	8
Parallel	3
Total LED Quantity	24

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
250mA	83mA	23,2V	5,8W	855	900	945	897	945	992	938	988	1037	970	1022	1073	970	1022	1073
300mA	100mA	23,8V	7,2W	1054	1110	1165	1111	1170	1228	1162	1224	1285	1206	1270	1333	1206	1270	1333
350mA	116mA	24,2V	8,5W	1239	1305	1370	1301	1370	1438	1358	1430	1501	1401	1475	1548	1401	1475	1548

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage Flexible LED strip
- High color rendering index CRI>80
- Color range White(RED, GREEN, BLUE, AMBER)
- Beam Angle :120°
- Adjust the length cuttable after every 35,5mm
- All combinations with constant voltage LED Driver
- Self-adhesive 3M tape on the back side for simple installation
- Type of protection :IP00
- Life time(L70B50) >30.000 h, at Tc=55°C
- MOQ:5/meter

Application Areas

- Indoor lighting
- Decorative Lighting
- Cove Lighting
- Linear Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	5050

Technical Specifications

Length(mm)	1000
Width(mm)	10
PCB Thicknes(mm)	0,35
PCB Material	Flexble

Electrical Specifications

Series	6
Parallel	10
Total LED Quantity	60

Connections Data

Wire size	0,34mm2
Terminal Strip Length	100mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
625mA	62mA	24V	14,4W	-	-	-	-	-	-	-	-	-	-	-	-			

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage Flexible LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 35,5mm
- All combinations with constant voltage LED Driver
- Self-adhesive 3M tape on the back side for simple installation
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:5/meter

Application Areas

- Indoor lighting
- Decorative Lighting
- Cove Lighting
- Linear Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Voltage
LED Package	3014-2835

Technical Specifications

Length(mm)	1000
Width(mm)	10
PCB Thicknes(mm)	0,35
PCB Material	Flexble

Electrical Specifications

Series	6
Parallel	10
Total LED Quantity	60

Connections Data

Wire size	0,34mm2
Terminal Strip Length	100mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
625mA	62mA	24V	14,4W	1206	1341	1475	1206	1341	1475	1374	1527	1679	1539	1710	1881	1539	1710	1881

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 24V Constant Voltage Flexible LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 35,5mm
- All combinations with constant voltage LED Driver
- Self-adhesive 3M tape on the back side for simple installation
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:5/meter

Application Areas

- Indoor lighting
- Decorative Lighting
- Cove Lighting
- Linear Lighting

General Specifications

Operation Voltage	24V
Module Driver Type	Constant Voltage
LED Package	2835

Technical Specifications

Length(mm)	1000
Width(mm)	8
PCB Thicknes(mm)	0,35
PCB Material	Flexble

Electrical Specifications

Series	6
Parallel	10
Total LED Quantity	60

Connections Data

Wire size	0,34mm2
Terminal Strip Length	100mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
100mA	20mA	24V	4,8W	486	540	594	486	540	594	518	576	633	545	606	666	545	606	666

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage Flexible LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 35,5mm
- All combinations with constant voltage LED Driver
- Self-adhesive 3M tape on the back side for simple installation
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:3/meter

Application Areas

- Indoor lighting
- Decorative Lighting
- Cove Lighting
- Linear Lighting

General Specifications

Operation Voltage	12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	1000
Width(mm)	5
PCB Thicknes(mm)	0,35
PCB Material	Flexble

Electrical Specifications

Series	3
Parallel	34
Total LED Quantity	102

Connections Data

Wire size	0,34mm2
Terminal Strip Length	100mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
1000mA	30mA	12V	12W	1202	1336	1469	1202	1336	1469	1294	1438	1582	1413	1570	1727	1413	1570	1727

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- 12V Constant Voltage IC Flexible LED strip
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Adjust the length cuttable after every 35,5mm
- All combinations with constant voltage LED Driver
- Self-adhesive 3M tape on the back side for simple installation
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:3/meter

Application Areas

- Indoor lighting
- Decorative Lighting
- Cove Lighting
- Linear Lighting

General Specifications

Operation Voltage	12V
Module Driver Type	Constant Voltage
LED Package	3014

Technical Specifications

Length(mm)	1000
Width(mm)	4
PCB Thicknes(mm)	0,35
PCB Material	Flexble

Electrical Specifications

Series	3
Parallel	28
Total LED Quantity	84

Connections Data

Wire size	0,34mm2
Terminal Strip Length	100mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperatura range	-20 ~ 50°C
Storage Tempreature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
840mA	30mA	12V	10W	990	1100	1210	990	1100	1210	1065	1184	1302	1164	1293	1422	1164	1293	1422

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°/80°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:4/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	~54V
Module Driver Type	Constant Current
LED Package	3030

Technical Specifications

Length(mm)	160R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	18
Parallel	1
Total LED Quantity	18

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	53,1V	18,6W	1932	2034	2135	1932	2034	2135	2069	2178	2286	2205	2322	2438	2205	2322	2438
500mA	500mA	54V	27W	2599	2736	2872	2599	2736	2872	2770	2916	3061	2958	3114	3269	2810	2958	3105
700mA	700mA	54,9V	38,4W	3351	3528	3704	3351	3528	3704	3573	3762	3950	3813	4014	4214	3622	3813	4003

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:1/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	107V
Module Driver Type	Constant Current
LED Package	3535

Technical Specifications

Length(mm)	160R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	36/12
Parallel	1/3
Total LED Quantity	36

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	107V	37,5W	4680	4797	4914	4680	4797	4914	5004	5129	5254	5616	5756	5896	5616	5756	5896
500mA	500mA	107V	53,5W	6404	6564	6724	6404	6564	6724	6850	7022	7193	7686	7878	8070	7686	7878	8070
700mA	700mA	107V	75W	8359	8568	8777	8359	8568	8777	9090	9317	9544	10202	10457	10712	10202	10457	10712
1050mA	1050mA	107V	112,5W	11721	12014	12307	11721	12014	12307	12535	12848	13161	14068	14420	14772	14068	14420	14772

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°/80°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:4/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	2828

Technical Specifications

Length(mm)	120R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	12
Parallel	1
Total LED Quantity	12

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	35,4V	12,4W	1288	1356	1423	1288	1356	1423	1379	1452	1524	1470	1548	1625	1584	1668	1751
500mA	500mA	36V	18W	1732	1824	1915	1732	1824	1915	1846	1944	2041	1972	2076	2179	2109	2220	2331
700mA	700mA	36,6V	25,6W	2234	2352	2469	2234	2352	2469	2382	2508	2633	2542	2676	2809	2724	2868	3011

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- Color rendering index CRI>70
- Color range
White(2700...6500K),RED,GREEN,BLUE,AMBER
- Beam Angle :120°/80°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=75°C
- MOQ:4/pcs

Application Areas

- Spot Lighting
- Downlight Application
- Decorative Lighting

General Specifications

Operation Voltage	~27V
Module Driver Type	Constant Current
LED Package	2828

Technical Specifications

Length(mm)	88R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	9
Parallel	1
Total LED Quantity	9

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 80°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	350mA	26,7V	9,6W	973	1025	1076	973	1025	1076	1042	1097	1151	1110	1169	1227	1188	1251	1313
500mA	500mA	27V	14,1W	1299	1368	1436	1299	1368	1436	1390	1464	1537	1482	1560	1638	1585	1669	1752
700mA	700mA	27,5V	20,39	1676	1765	1853	1676	1765	1853	1793	1888	1982	1911	2012	2112	2045	2153	2260

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:4/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~30V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	130R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	10
Parallel	5
Total LED Quantity	50

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	70mA	29V	10,2W	1320	1390	1459	1320	1390	1459	1401	1475	1548	1482	1560	1638	1482	1560	1638
500mA	100mA	30V	15W	1800	1895	1989	1800	1895	1989	1909	2010	2110	2018	2125	2231	2018	2125	2231

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:9/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	105R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	8
Parallel	5
Total LED Quantity	40

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	70mA	23,2V	8,2W	1056	1112	1167	1056	1112	1167	1121	1180	1239	1185	1248	1310	1185	1248	1310
500mA	100mA	24V	12W	1440	1516	1591	1440	1516	1591	1527	1608	1688	1615	1700	1785	1615	1700	1785

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:9/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~18V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	84R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	6
Parallel	5
Total LED Quantity	30

Connections Data

Wire size	0,35-0,75mm ²
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	70mA	17,4V	6,1W	792	834	875	792	834	875	840	885	929	889	936	982	889	936	982
500mA	100mA	18,6V	9W	1368	1440	1512	1368	1440	1512	1556	1638	1719	1747	1839	1930	1747	1839	1930

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:9/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~12V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	65R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	4
Parallel	5
Total LED Quantity	20

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	70mA	14,5V	5,1W	528	556	583	528	556	583	560	590	619	592	624	655	592	624	655
500mA	100mA	15V	7,5W	720	758	795	720	758	795	763	804	844	807	850	892	807	850	892

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:16/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~15V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	45R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	3
Parallel	5
Total LED Quantity	15

Connections Data

Wire size	0,35-0,75mm2
Terminal Strip Length	3-4mm
Connection type	Cable soldering

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	70mA	14,5V	5,1W	396	417	437	396	417	437	419	442	464	444	468	491	444	468	491
500mA	100mA	15V	7,5W	539	568	596	539	568	596	572	603	633	605	637	668	605	637	668

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:4/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~66V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	179R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	22
Parallel	3
Total LED Quantity	66

Connections Data

Wire size	0,14-0,34mm ² (26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	116mA	66V	23,2W	2557	2692	2826	2557	2692	2826	2908	3062	3215	3268	3441	3613	3268	3441	3613

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:4/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~54V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	140R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	18
Parallel	3
Total LED Quantity	54

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	116mA	54V	18,9W	2092	2203	2313	2092	2203	2313	2379	2505	2630	2669	2810	2950	2669	2810	2950

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

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Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:4/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~42V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	109R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	14
Parallel	3
Total LED Quantity	42

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	116mA	42V	14,7W	1627	1713	1798	1627	1713	1798	1850	1948	2045	2080	2190	2299	2080	2190	2299

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

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Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:4/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~30V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	95R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	10
Parallel	3
Total LED Quantity	30

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	116mA	30V	10,5W	1162	1224	1285	1162	1224	1285	1322	1392	1461	1485	1564	1642	1485	1564	1642

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:9/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~24V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	75R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	8
Parallel	3
Total LED Quantity	24

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	116mA	24V	8,4W	926	975	1023	926	975	1023	1054	1110	1165	1187	1250	1312	1187	1250	1312

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 150lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :140°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:20/pcs

Application Areas

- Decorative Lighting
- Downlight Application
- Office lighting
- Retail Lighting

General Specifications

Operation Voltage	~18V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	56R
Width(mm)	
PCB Thicknes(mm)	1,6
PCB Material	Aluminum

Electrical Specifications

Series	6
Parallel	3
Total LED Quantity	18

Connections Data

Wire size	0,14-0,34mm2(26-22 AWG)
Terminal Strip Length	4-5,5mm
Connection type	Direct Push-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	116mA	18V	6,3W	697	734	770	697	734	770	793	835	876	891	938	984	891	938	984

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

The values contained in this data sheet can change due to technical innovations. Any such changes will be made without separate notification.

Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:2/pcs

Application Areas

- Indoor lighting
- Panel lighting

General Specifications

Operation Voltage	~19V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	270
Width(mm)	247,5
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	6
Parallel	6
Total LED Quantity	36

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	58mA	17,4V	6,1W	920	1022	1125	966	1073	1180	1011	1123	1236	1043	1159	1275	1043	1159	1275
500mA	83mA	17,7V	8,9W	1439	1598	1758	1439	1598	1758	1377	1530	1683	1315	1462	1608	1315	1462	1608
700mA	116mA	18,6V	13W	1976	2196	2416	1976	2196	2416	1895	2106	2317	1811	2012	2214	1811	2012	2214

- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture
- The situation that exceed the specified values, it may
- Due to the special conditions of manufacturing processes of LED, the typical data of technical parameters can only reflect statistical figures and could differ from

The situation that exceed the specified values, it may cause overload and decrease the lifetime of product. Even, it may render unoperational the LED module.

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Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:2/pcs

Application Areas

- Indoor lighting
- Panel lighting

General Specifications

Operation Voltage	~84V
Module Driver Type	Constant Current
LED Package	2835

Technical Specifications

Length(mm)	500,7
Width(mm)	255
PCB Thicknes(mm)	1,6
PCB Material	CEM3

Electrical Specifications

Series	2*14
Parallel	2*7
Total LED Quantity	196

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	50mA	82,6V	29,5W	3334	3704	4075	3334	3704	4075	3784	4204	4625	4234	4704	5174	4234	4704	5174
500mA	71mA	84V	42W	4551	5057	5562	4551	5057	5562	5177	5753	6328	5812	6458	7104	5812	6458	7104

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Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:1/pcs

Application Areas

- Indoor lighting
- Panel lighting

General Specifications

Operation Voltage	~33V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	270
Width(mm)	270
PCB Thicknes(mm)	1,6
PCB Material	FR4

Electrical Specifications

Series	11
Parallel	6
Total LED Quantity	66

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	58mA	31,9V	11,2W	1686	1874	2061	1770	1966	2163	1853	2059	2265	1912	2125	2337	1912	2125	2337
500mA	83mA	33V	16,5W	2227	2475	2722	2340	2600	2860	2447	2719	2991	2530	2811	3092	2530	2811	3092

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Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:1/pcs

Application Areas

- Indoor lighting
- Panel lighting

General Specifications

Operation Voltage	~36V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	266
Width(mm)	266
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	12
Parallel	12
Total LED Quantity	144

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	29mA	35,4V	12,4W	1866	2073	2280	1956	2174	2391	2047	2275	2502	2112	2347	2581	2112	2347	2581
500mA	41mA	36V	18W	2475	2750	3025	2592	2880	3168	2721	3024	3326	2812	3124	3437	2812	3124	3437

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Product Features

- High efficiency 165lm/W
- High color rendering index CRI>80
- Color range White(2700...6500K)
- Beam Angle :120°
- Self-cooling (no additional heat sink required)
- Type of protection :IP00
- Life time(L70B50) >50.000 h, at Tc=55°C
- MOQ:1/pcs

Application Areas

- Indoor lighting
- Panel lighting

General Specifications

Operation Voltage	~33V
Module Driver Type	Constant Current
LED Package	5630

Technical Specifications

Length(mm)	266
Width(mm)	266
PCB Thicknes(mm)	1,6
PCB Material	CEM1

Electrical Specifications

Series	11
Parallel	6
Total LED Quantity	66

Connections Data

Wire size	0,2-0,75mm2(24-18 AWG)
Terminal Strip Length	7,5-8,5mm
Connection type	Poke-in connector

Operating conditions and characteristics

Operating Temperature range	-20 ~ 50°C
Storage Temperature	-20 ~ 80°C

Driving Current & Luminous Flux @(Tj=25°C)

Operating Module Current	Operating Current per LED	Operating Voltage (Typ)	Module Power	2700K			3000K			4000K			5000K			6500K		
				min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.	min.	Typ.	max.
350mA	58mA	31,9V	11,2W	1686	1874	2061	1770	1966	2163	1853	2059	2265	1912	2125	2337	1912	2125	2337
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