

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



RESİM HAZIRLANIYOR

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 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	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

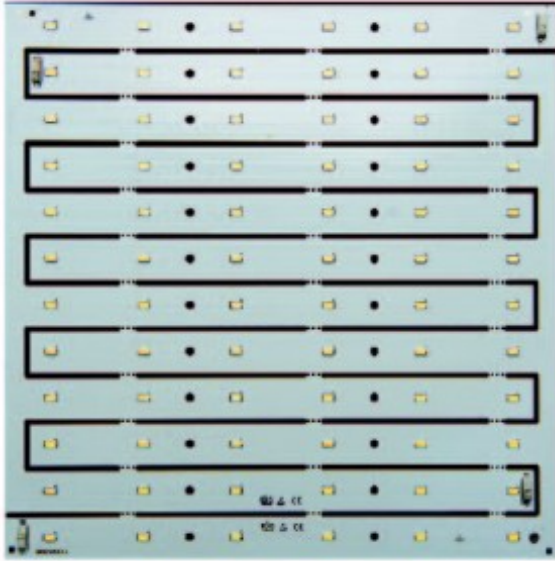
- Tolerance range for optical and electrical data: $\pm 10\%$.
- Performe can be chone by used heatsink or fixture

- 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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Application Areas

- Indoor lighting
- Panel lighting



RESİM HAZIRLANIYOR

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

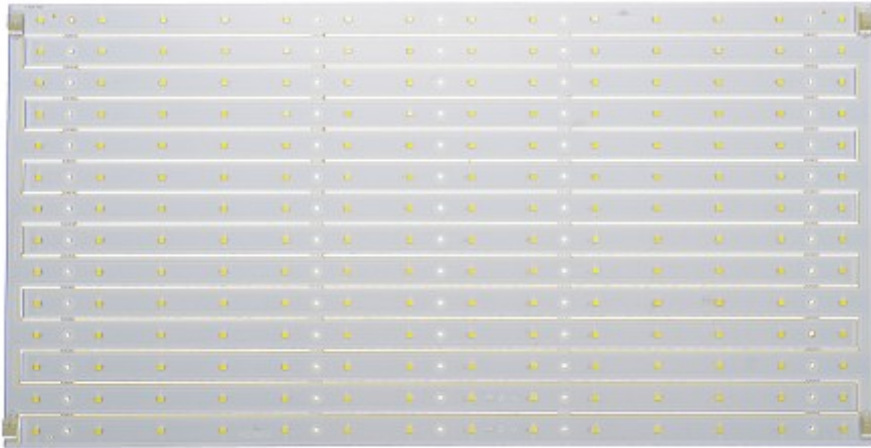
Driving Current & Luminous Flux @(Tj=25°C)

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

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Application Areas

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RESİM HAZIRLANIYOR

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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Application Areas

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- Panel lighting



RESİM HAZIRLANIYOR

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

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				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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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

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350mA	29mA	35,4V	12,4W	1866	2073	2280	1956	2174	2391	2047	2275	2502	2112	2347	2581	2112	2347	2581
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