

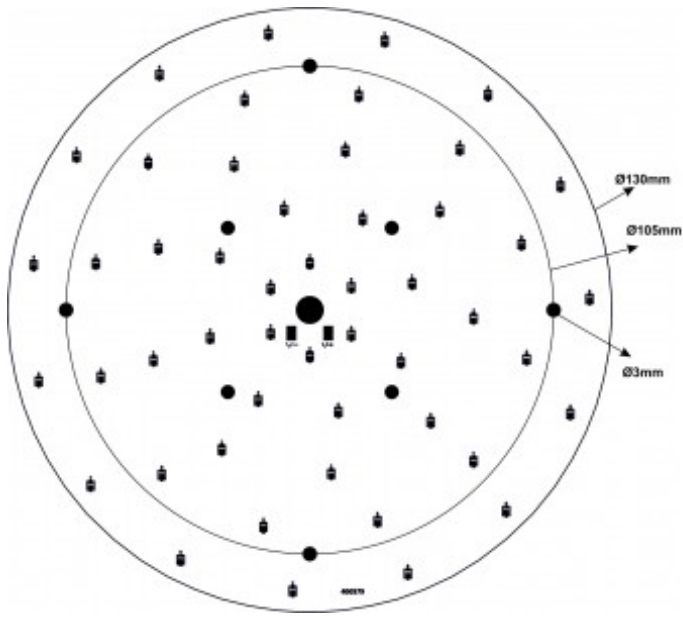


### Product Features

- 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:4/pcs

### Application Areas

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



#### General Specifications

Operation Voltage	~29V
Module Driver Type	Constant Current
LED Package	2016

#### Technical Specifications

Length(mm)	130R
Width(mm)	
PCB Thickness(mm)	1,6
PCB Material	Aluminum

#### Electrical Specifications

Series	10
Parallel	5
Total LED Quantity	50

#### Connections Data

Wire size	0,35-0,75mm <sup>2</sup>
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<sub>j</sub>=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	10,1W	1472	1550	1627	1472	1550	1627	1472	1550	1627	1596	1680	1764	1596	1680	1764
500mA	100mA	29,7V	14,9W	2047	2155	2262	2047	2155	2262	2047	2155	2262	2218	2335	2451	2218	2335	2451
700mA	140mA	30,2V	21,2W	2758	2904	3049	2758	2904	3049	2758	2904	3049	2997	3155	3312	2997	3155	3312

- Tolerance range for optical and electrical data: ±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.