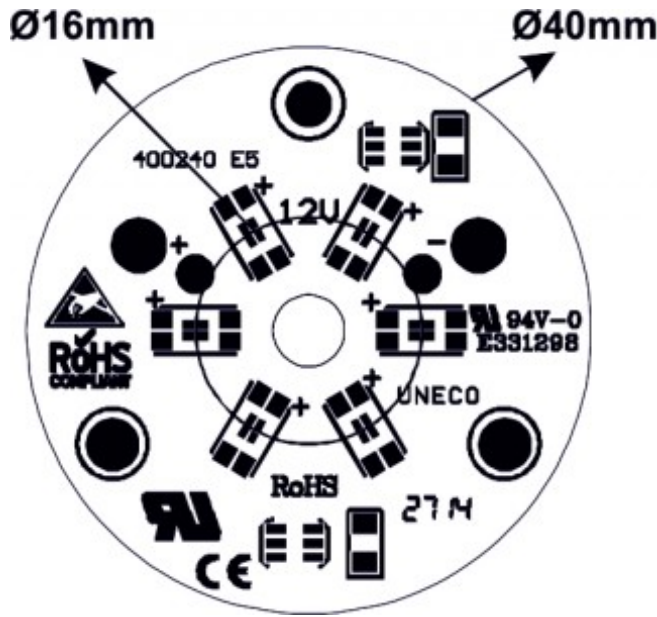


Product Features

- 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:20/pcs
- MOQ:3/pcs

Application Areas

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



General Specifications

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

Technical Specifications

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

Electrical Specifications

Series	3
Parallel	2
Total LED Quantity	6

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.
160mA	80mA	12V	1,9W	213	225	236	224	236	247	234	247	259	242	255	267	242	255	267
200mA	100mA	12V	2,4W	265	279	292	277	292	306	290	306	321	300	316	331	300	316	331
240mA	120mA	12V	2,9W	314	331	347	329	347	364	344	363	381	356	375	393	356	375	393

- 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.