

## Specification of Spotlight LEIPAR16-T6-5W-D1-Dim

### Product Images



LEIPAR16-T6-5W-D1

Dimension  $\Phi$ 50X 60mm

### Application

Desktop, Aisle, showcase, residential lighting for bedroom, studyroom, living room etc.  
commercial lighting for office, hotel lobby, shop, exhibition room etc.

### Product Highlights

\* Dimmability

Applicable for TRIAC dimmer, working with 95% of dimmers being sold in market, plug-in replacement of current traditional lamps, no change required for dimmers and(or) circuits, dimming range is from 10%~100%, no flickering.

\*High Lumen Flux

120lm/w (ww) 130lm/w(cw)

\* Outstanding Performance

Efficient > 80% , PF > 0.9, life span > 50,000 hours.

### Features

- \* ITEM NUMBER: LEIPAR16-T6-5W-D1-Dim
- \* BULB TYPE: COB LED SPOTLIGHT
- \* LED CHIP Q'TY: 1 piece COB LED



**LED Energy Inc.**

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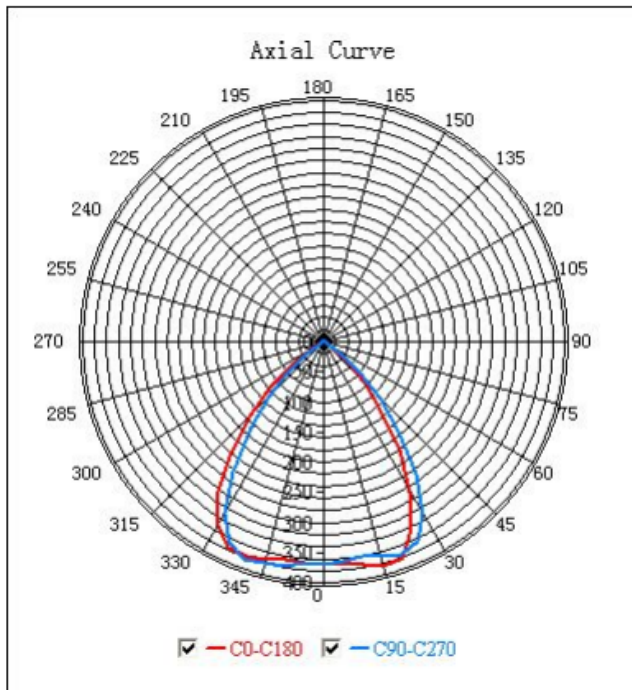
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- \* BASE TYPE: E26
- \* LED CHIP BRAND: Epistar
- \* AVAILABLE INPUT VOLTAGE: 85~145V AC
- \* APPLICABLE DIMMERS: TRIAC DIMMER FOR LUTRON, TEVITON, LEGRAND, CE, ORSAM etc.
- \* INPUT POWER: 1\*5W: 5.0W
- \* OUTPUT POWER: 1\*5W: 5.5W
- \* TOTAL LENGTH:  $\Phi 50 \times 60$ mm
- \* LUMEN OUTPUT: WW: 400lm, NW: 425lm CW: 450lm
- \* COLOR RANGE: 2,700~6,500K
- \* BEAM ANGLE: 38/ 90 degrees
- \* REFLECTOR EFFICIENCY: 90%
- \* LIFE SPAN: >50,000 HOURS
- \* BODY TEMPERATURE: <65°C
- \* LED WORKING TEMPERATURE: <72°C
- \* CRI: Ra> 80
- \* NET WEIGHT: 80g
- \* HOUSING MATERIAL: ALUMINIUM EXTRUCTION
- \* NO UV OR IR RADIATION
- \* CERTIFICATION: CE, ROHS, C-Tick, PSE, ETL/CETL

## Electrician Parameter

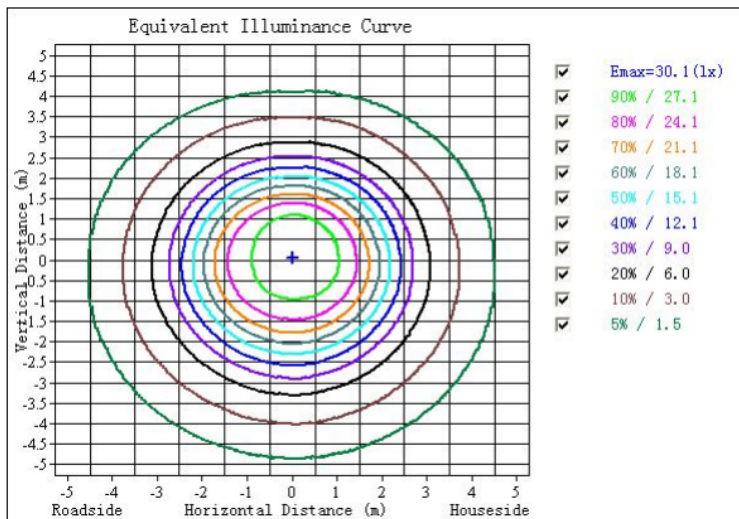
Item	Symbol	Min.	Type	Max.	Unit
Input Voltage	V <sub>in</sub>	90	120/220	240	VAC
Frequency	f <sub>in</sub>	47	60/50	63	HZ
Input Current	I <sub>in</sub>	15	56/21	65	mA
Input Power	P <sub>in_max</sub>	4.5	5.1/5.2	5.5	W
Power Factor	PF	0.4	0.45/0.52	0.6	$\lambda$
Constant Voltage Output	V <sub>out_cv</sub>	8	8.2	9	VDC
Constant Current Output	I <sub>out_cc</sub>	300	320	360	mA
Continuous Power Output	P <sub>out</sub>	2.4	2.8		W
Current for single LED	I <sub>out_cc</sub>	250	400	700	mA
efficiency	$\eta$	65	68	75	%
Working environment					
Working temperature	T <sub>amb</sub>	-20		40	°C

## Axial Curve



Vertical beam angle(50%): 80.2      Horizontal beam angle(50%): 79.7

## Equivalent Light Intensity Curve



Fixed Height(m): 3.50

Fixed Angle(°): 0



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**Lux Chart**

