Enlightening Expectations

Specification of Spotlight LEIGU10-T6-5W-D1-Dim

Product Images

LEIGU10-T6-5W-D1 (38 degree)

LEIGU10-T6-5W-D1 (90 degree)

Dimension Φ50X 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

80lm/w (ww) 90lm/w(cw)

* Outstanding Performance

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

Features

* ITEM NUMBER: LEIGU10-T6-5W-D1-Dim
* BULB TYPE: COB LED SPOTLIGHT
* LED CHIP Q'TY: 1 piece COB LED

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* BASE TYPE: GU10
* 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: Φ50 x 60mm
* LUMEN OUTPUT: WW: 400lm, 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 EXTRUSTION
* NO UV OR IR RADIATION
* CERTIFICATION: CE, ROHS, C-Tick, PSE, ETL/CETL

Electrician Parameter

Item	Symbol	Min.	Type	Max.	Unit
Input Voltage	V_in	90	120/220	240	VAC
Frequency	f_in	47	60/50	63	HZ
Input Current	I_in	15	56/21	65	mA
Input Power	Pin_max	4.5	5.1/5.2	5.5	W
Power Factor	PF	0.4	0.45/0.52	0.6	λ
Constant Voltage Output	Vout_cv	8	8.2	9	VDC
Constant Current Output	Iout_cc	300	320	360	mA
Continuous Power Output	P_out	2.4	2.8		W
Current for single LED	Iout_cc	250	400	700	mA
efficiency	η	65	68	75	%
Working environment					
Working temperature	T_amb	-20		40	℃

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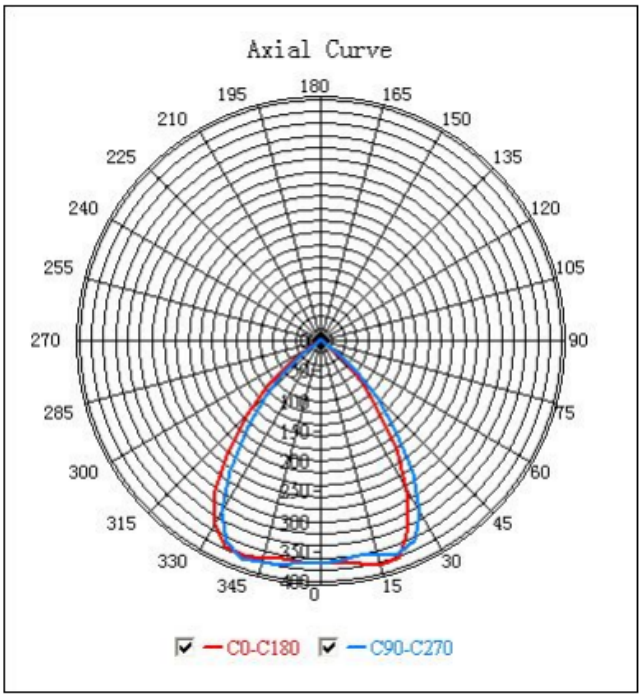
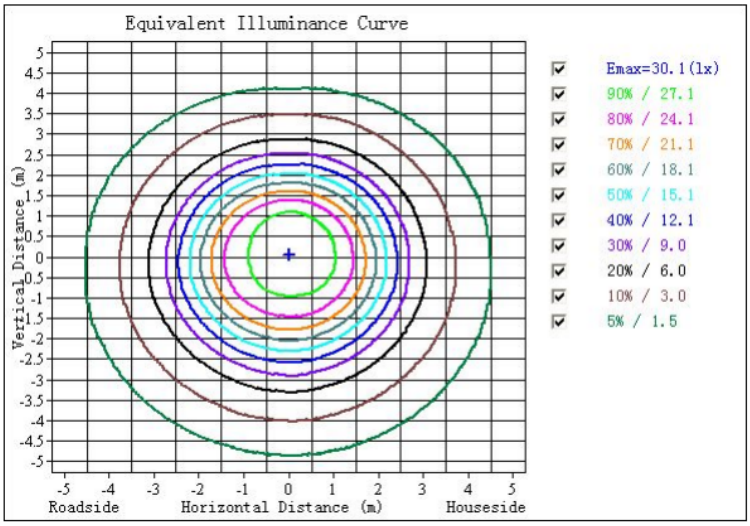
Axial Curve



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

Equivalent Light Intensity Curve



Fixed Height(m): 3.50

Fixed Angle(°): 0

DIMMABLE LIGHT

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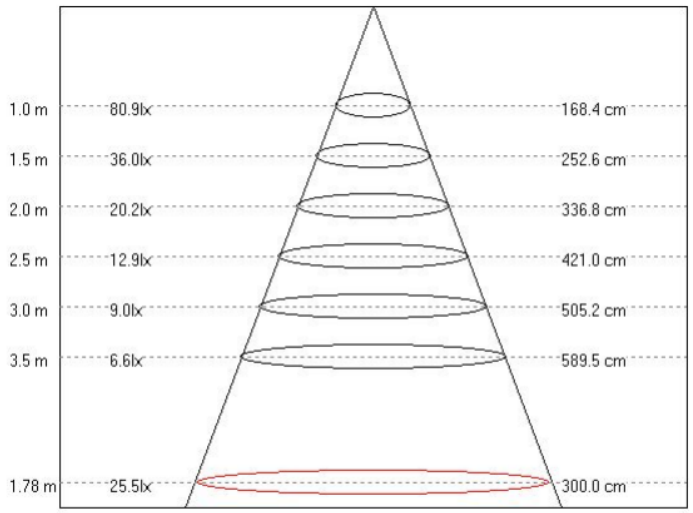
Lux Chart



Height(M)	Lux(lx)	Vertical beam angle(50%):	Horizontal beam angle(50%):	Spot Diameter(cm)
		80.2 °	79.7 °	

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