

Item No.: SL690 Series
(Power: 60W / 80W / 100W)



Materials

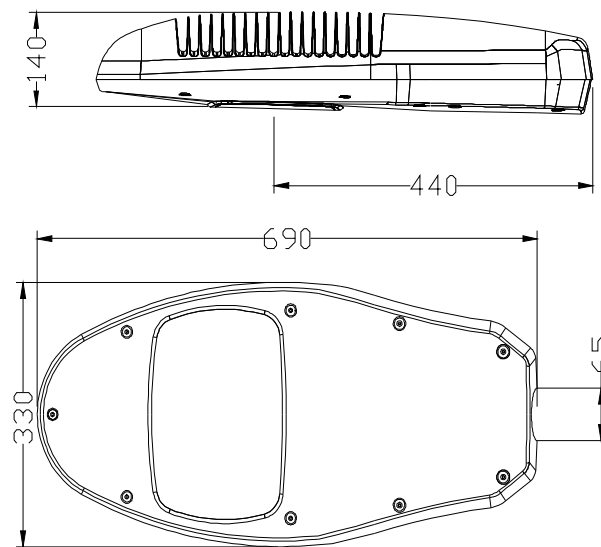
- High quality Die-casting aluminum alloy.
- Anodized and powder coated to assure the anti-corrosion performance.
- 3.5mm lead-free toughened glass with high light transmission.
- High power ceramic encapsulation multi-chip LED, Bridgelux Chip.

Features

- Bat wing light distribution, suitable for street lighting.
- Lamp's Efficiency: >87%, Power factor>0.95
- Patented technology for LED encapsulation (COB)
- Input voltage: AC 85V-265V (50-60Hz); DC24V (Available for solar energy system)
- Protection level: IP65, Insulation Class: CLASS 1.
- Lifespan: 50,000 hours, Lumens depreciation: <3% after 5000 hours
- Environment friendly, no UV
- GB7000.1, IEC60598, IEC61347, EN55015 test compliance.

LED STREET LIGHT – SL690 SERIES (60W-100W)

Drawing

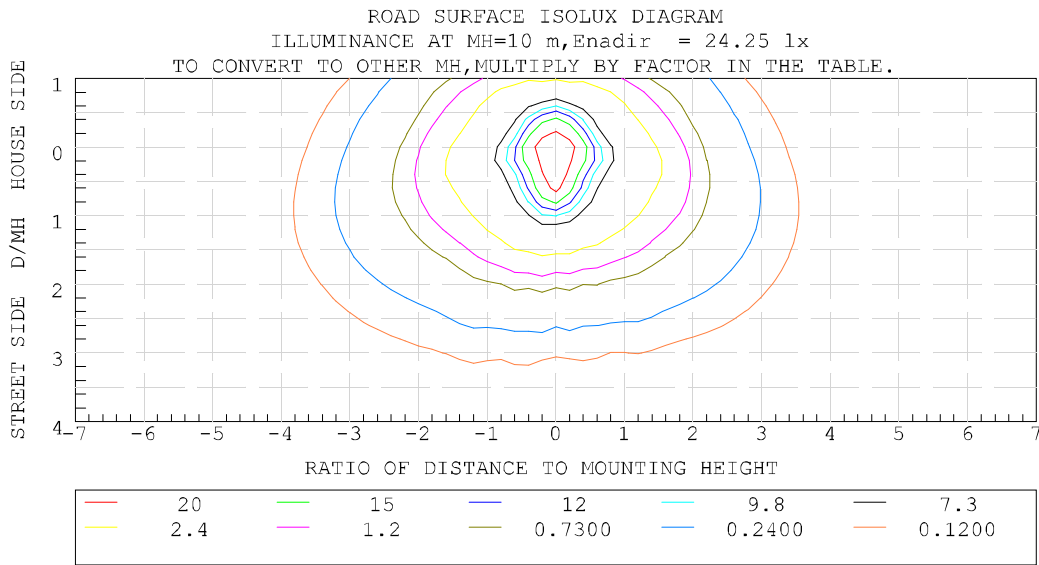


Parameters

Input Voltage		AC85V-265V, DC24V
Frequency Range		50/60Hz (AC)
Total Harmonic Distortion		≤ 9 %
Power Factor		> 0.95
LED Quantity		2 pcs
LED Power Consumption		60W / 80W / 100W
LED Luminous Efficiency		100 LM/W; 130 LM/W
Lamp's Efficiency		> 87 %
Lighting Distribution Type		Type II
Illuminance Uniformity		> 0.4
Color Temperature (CCT)	WW	3000K - 3500K - 4000K
	PW	4500K - 5000K - 5500K
	CW	6000K - 6500K - 7000K
Color Rendering Index	WW	Ra> 75
	PW,CW	Ra> 78
Working Environment Temperature		-40°C ~ +45°C
Storage Environment Temperature		-25°C ~ +65°C
IP Grade		IP65
Working Life-span		50,000h
Color of Fixture		White (can be customized)
Net Weight		8.9 kg

*** There's no typical difference in lighting characteristic for different CCT

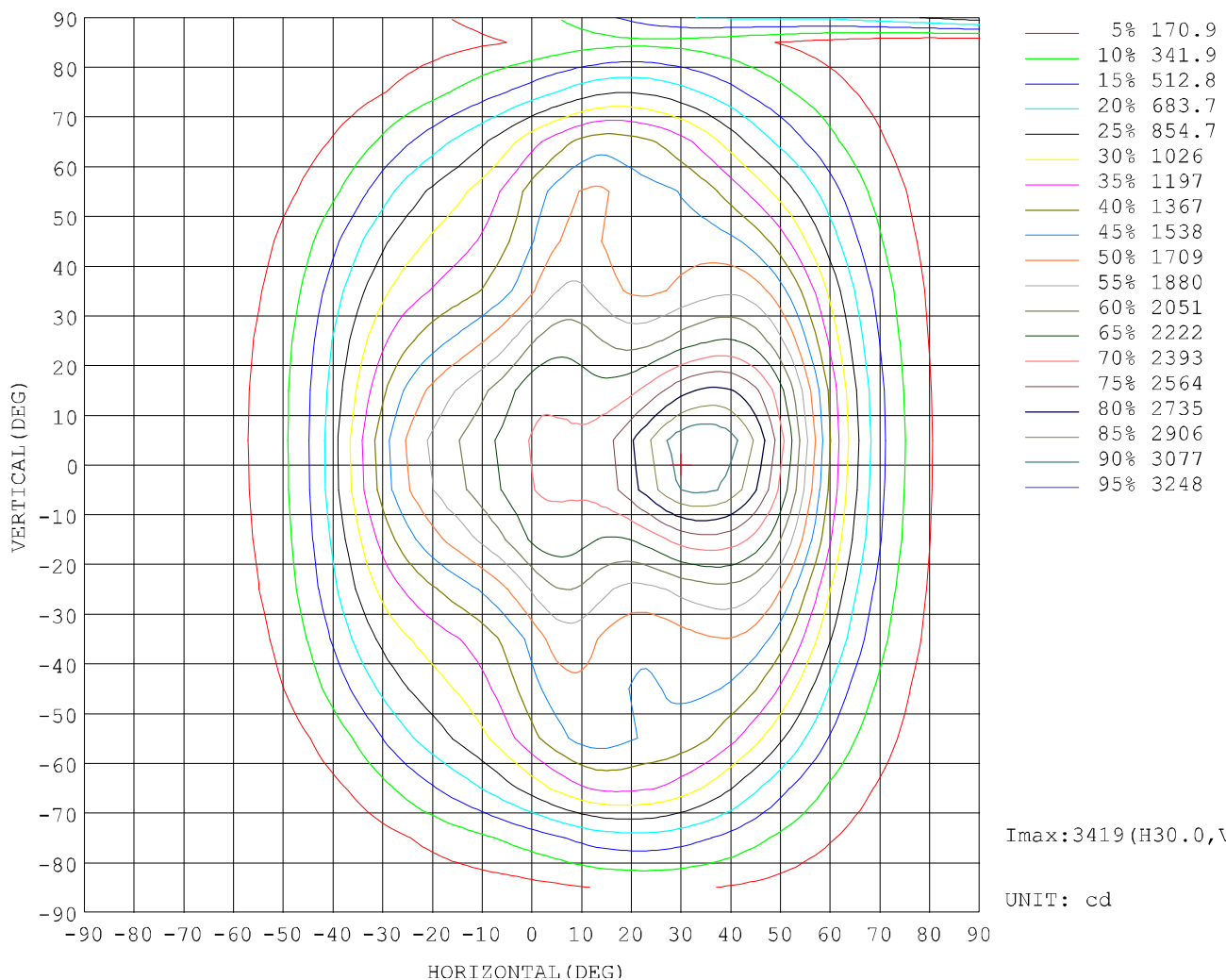
Road Surface Isolux Diagram (80w)



According to LB/T001-2008:
 $U = E_{min}/E_{avg} = 0.352$
 $E_{avg} = 15.04 \text{ lx}$

HEIGHT	FACTOR
5 m	4.000
6 m	2.778
7 m	2.041
8 m	1.563
9 m	1.235
10 m	1.000
11 m	0.826
12 m	0.694
13 m	0.592
14 m	0.510
15 m	0.444
16 m	0.391

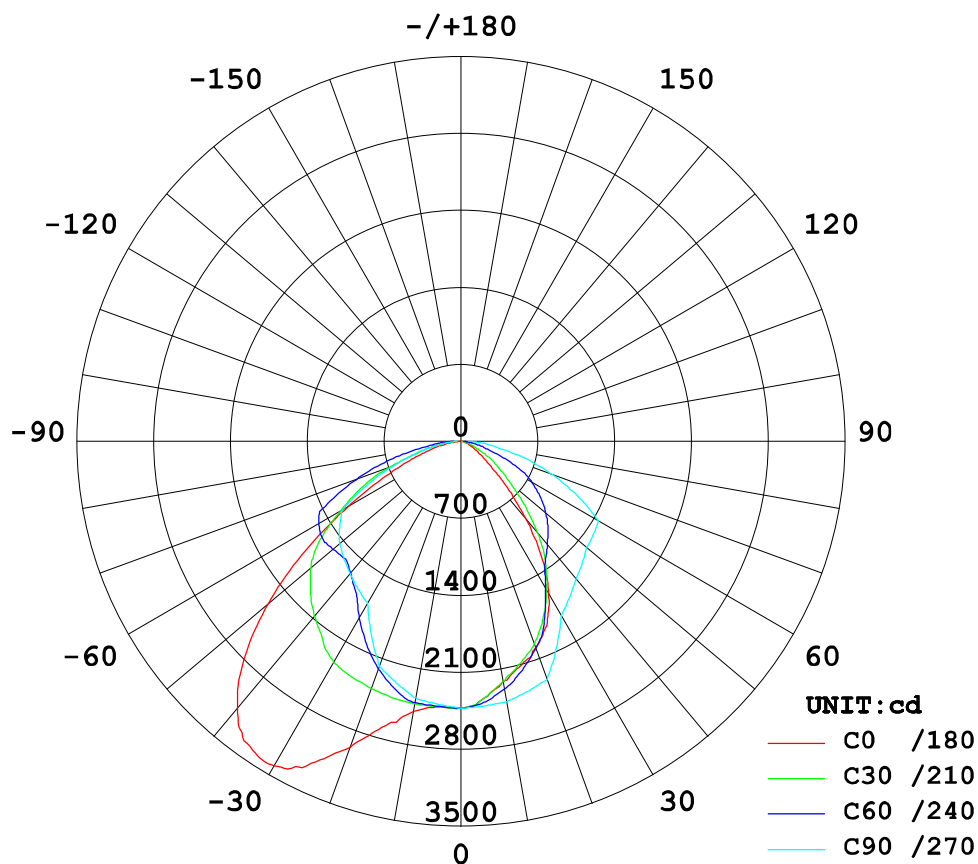
ISOCANDELA DIAGRAM



$I_{max}: 3419 (H30.0, V0.0)$

UNIT: cd

Intensity Distribution Diagram (80w)



Packing Info.

Package size: 75x38x22cm, 1 Piece/Carton, G.W.: 10.6 kg

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