

LED STREET LIGHTING

Features :

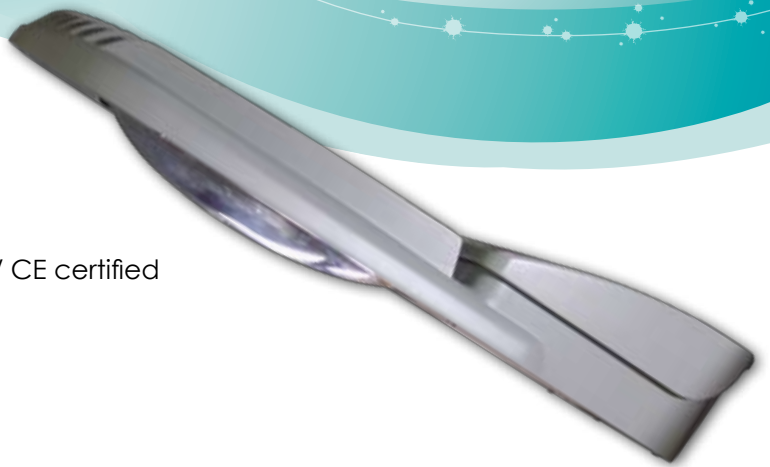
- Solid-State long life/ Patent Hi-Flux LEDs
- No UV or IR light radiation
- High reliability/ efficiency driver with UL/ CE certified
- CRI Ra > 70
- 90V~260V AC input
- Eliminate unsafe hazardous disposal
- Environmentally Friendly
- IP 65 for housing & power supply unit
- Operation temperature : -40°C~50°C
- Efficient thermal management
- Excellent system efficiency

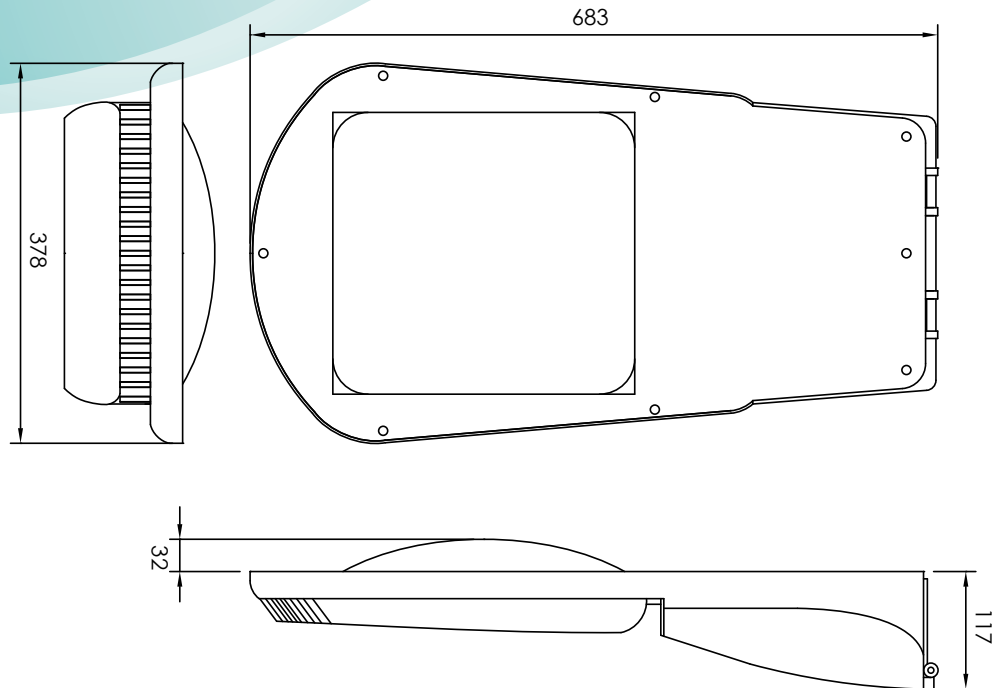
Typical Applications :

- Street Lighting
- Parking Lot Lighting
- Dock and Pier Lighting
- Public Safety Lighting
- Walkway Lighting



- Bright
- Energy-Saving
- Environment-Friendly



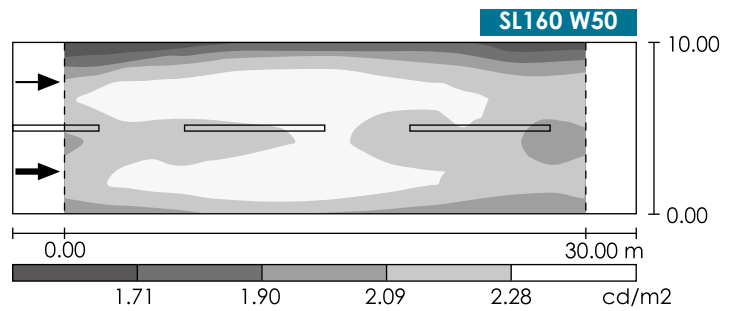
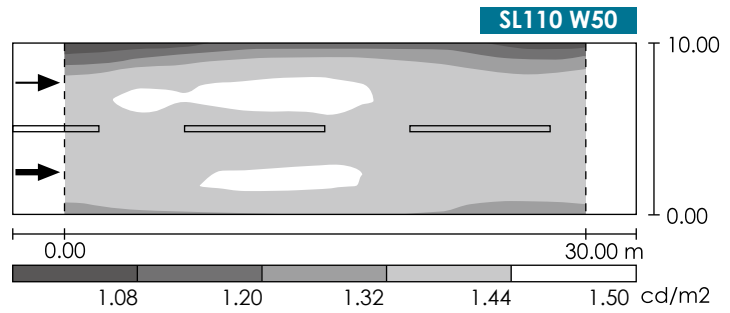


SPECIFICATION

Model	SL110 W50	SL160 W50
Input Voltage	90V AC~260V AC , 50/60 Hz	90V AC~260V AC , 50/60 Hz
LED Power Consumption	97 W	145 W
System Power Consumption	109 W	158 W
LED Luminous Efficiency	100 lm/W	100 lm/W
LED Initial Flux	> 8000	> 11,500
Total Luminous Efficiency	> 70 lm/W	> 70 lm/W
Color Temperature (CCT)	4500 ~ 5600 K	4500 ~ 5600 K
Color Rendering Index (CRI)	RA > 70	RA > 70
Light Distribution Curve	IESNA Type II , Short	IESNA Type II , Short
Power Factor	> 0.90	> 0.90
Total Harmonic Distortion	< 25 %	< 25 %
Surge Protection	> 6.5KV	> 6.5KV
Operating Temperature	-40 °C ~ 50 °C 10 % ~ 95 % RH	-40 °C ~ 50 °C 10 % ~ 95 % RH
Ingress Protection Rating	Optic Chamber IP66 Electric Chamber IP55	Optic Chamber IP66 Electric Chamber IP55
Operating Life	30,000 hrs Degradtion < 30%	30,000 hrs Degradtion < 30%
Fixture Material	Aluminum Alloy	Aluminum Alloy
Weight	11 kg	11 kg

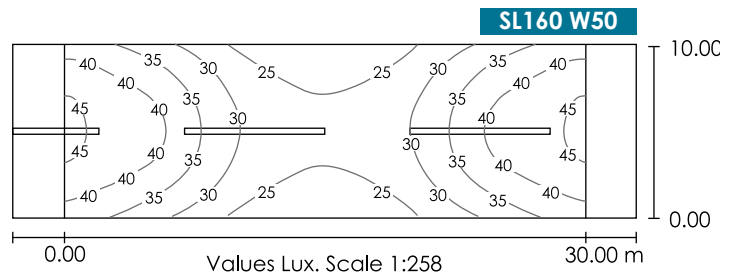
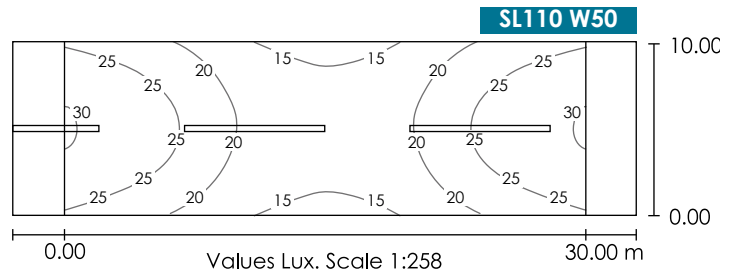
Luminance Distribution (Road R3, lamps high 10m, lamp distance 30m)

	SL110 W50	SL160 W50
Average Luminance (Lav)	1.43	2.19
Uo (Lmin / Lav)	0.7	0.7
UI (Lmin / Lmax)	0.9	0.9

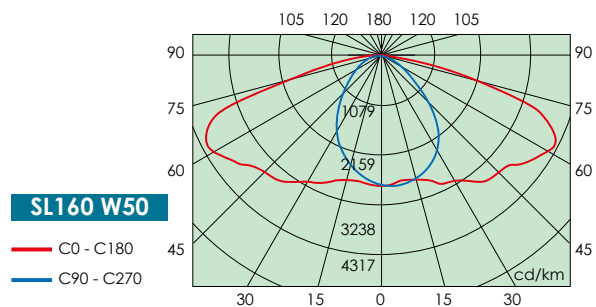
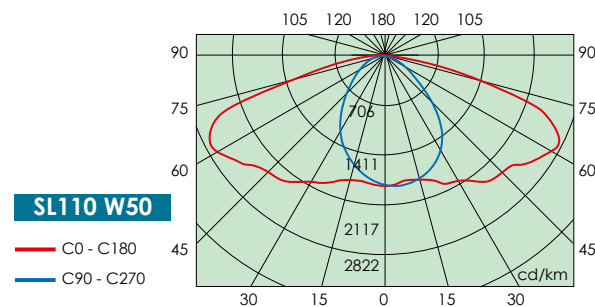


Illuminance Distribution (Lamps high 10m, lamp distance 30m)

	SL110 W50	SL160 W50
Average Luminance (Lav)	22	33
E _{max}	30	46
E _{min}	14	21
E _{min} / E _{av}	0.467	0.467



Gainphotometer curve



TBK T-BESTEK CO.,LTD.

Headquarters (Taiwan) : 9F, No. 786-1, Chung Cheng Rd., Chung-Ho, Taipei Hsien, Taiwan R.O.C
 TEL : +886-2-32340009 FAX : +886-2-32340002
 Factory (China) : Hekeng Industrial Zone Dalang Street , Baoan District , Shenzhen City ,Guangdong P.R. China
 TEL : +86-755-33862288 FAX : +86-755-33862299