



SL01-Series

Delivers Efficient, Reliable, and Stylish Illumination

With its sleek design and advanced technology, transforming any environment into a brilliantly lit, energy-efficient space. Illuminate your world with confidence and sustainability.



Can Be Equipped With Sensors

Get more energy saving with a smart Microwave Motion Sensor.



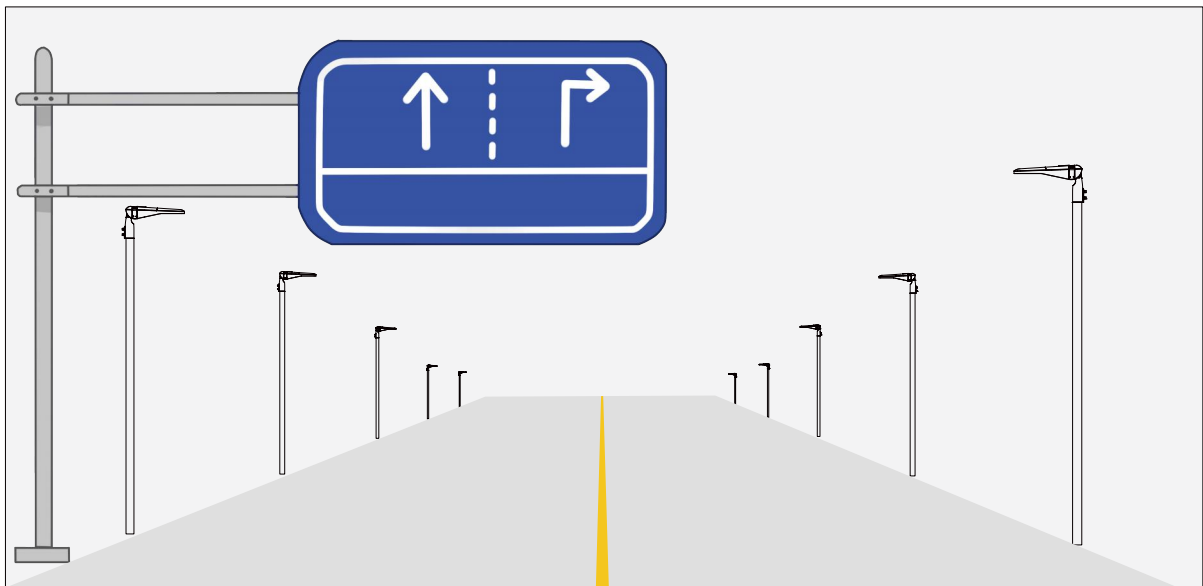
Two installation with one spigot

Maximize streetlight adaptability with our dual spigot installation, offering versatile placement options to suit your unique urban lighting needs. Choose flexibility for superior street illumination.



Light Distribution

Choose a T2, T3 , T4lenses and fulfill your various project needs.



APPLICATION



SPECIFICATIONS TABLE

GENERAL INFORMATION	
Driver included	Yes
CE mark	Yes
RoHS compliant	Yes
Safety features	Open circuit protection Short circuit protection Overvoltage protection
Testing standard	LM-79-19 (all measurements in ISO17025 accredited laboratory)
HOUSING AND FINISH	
Housing	Aluminium
Optic	Polycarbonate
Protector	Glass
Housing finish	Electrostatic polyester powder coating
Standard colour(s)	RAL 9007 grey
OPERATING CONDITIONS	
Operating Temperature Range (Ta)	-30°C to + 45°C
Operating Humidity	10-90%RH
Mounting Option	Side entry or Vertical pole mounted
Warranty	5 years
PERFORMANCE	
Power	60W/80W/100W/150W/200W
Efficacy	160lm/W, 130lm/W
Power Efficiency	≥90%
Start Time	≤0.2S
Warm-up time to 60%	0.5S

ELECTRICAL INFORMATION	
Electrical Class	Class I EU
Nominal Voltage	120-277V 50/60Hz
Power factor (at fullload)	0.9
Surge Protection Options (KV)	10KV-Line-Line / 10KV-Line-Earth 20KV Optional
Electromagnetic Compatibility (EMC)	EN 55015:2019/A11:2020, EN 61000 3-2:2019, EN 61000-3-3:2013, EN 61547:2009, EN 62493:2015
Total Harmonic Distortion(THD)	IEC 61000-3-2 Class C <20%
Driver Type	Constant current(CC)
Withstand Voltage	1.5KV 60S 10mA
OPTICAL INFORMATION	
LED Type	SMD3030
Beam Angle	T2 / T3 / T4 / T5
Recommended installation height	4m to 12m
Color Tolerance	Ra70 ≤7 Ra80 ≤5
LED colour Temperature	3000K / 4000K / 5000K / 5700K / 6500K
Colour Rendering Index (CRI)	CRI>70 standard CRI>80 optional
Upward Light Output Ratio (ULOR)	0%
LIFETIME OF THE LEDS @ TA 25°C	
All configurations	
L70B50	> 100,000h
L80B20	> 50,000h
L90B10	> 30,000h
Switching Cycles	> 100,000 times

※Lamp switch must control L line or control L and N lines.
 ※Ra measurement tolerance is ±2.

PERFORMANCE

STANDARD VERSION

POWER		LUMENS		EFFICACY	
60W		9,600LM		160LM/W	
80W		12,800LM		160LM/W	
100W		16,000LM		160LM/W	
150W		24,000LM		160LM/W	
200W		32,000LM		160LM/W	

ECO VERSION

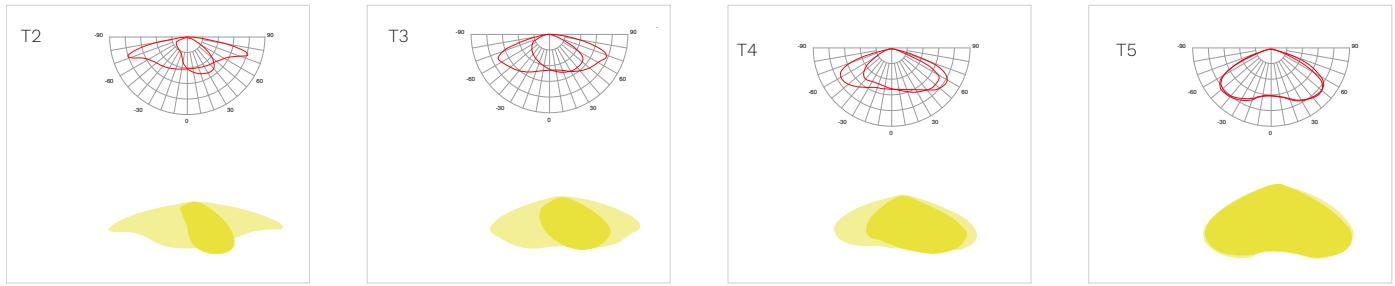
POWER		LUMENS		EFFICACY	
60W		7,800LM		130LM/W	
80W		10,400LM		130LM/W	
100W		13,000LM		130LM/W	
150W		19,500LM		130LM/W	
200W		26,000LM		130LM/W	

※ The Performance Data is tested base on 230VAC, TYPE II and 4000K for all versions
 ※ Power Consumption Tolerance ±5% (Apply to all versions)
 ※ Lumen Efficiency Tolerance ±5% (Apply to all versions)

PACKAGING

POWER	PACKAGE SIZE	QTY/CTN	NET WEIGHT	GROSS WEIGHT	20GP	40HQ
60W	L598*W258*H175mm	1PCS/CTN	3.2kg	4.2kg	950pcs	2400pcs
80W	L598*W258*H175mm	1PCS/CTN	3.2kg	4.2kg	950pcs	2400pcs
100W	L655*W295*H190mm	1PCS/CTN	4.2kg	5.2kg	700pcs	1800pcs
150W	L780*W385*H188mm	1PCS/CTN	7.2kg	8.2kg	450pcs	1100pcs
200W	L780*W385*H188mm	1PCS/CTN	7.2kg	8.2kg	450pcs	1100pcs

LIGHT DISTRIBUTIONS



PENDANT MOUNTING

Power	Size
60W/80W	L578*W228*H135mm
100W	L599*W256*H141mm
150W/200W	L729*W328*H157mm

