

LED Streetlight

38 W / 47 W / 56 W



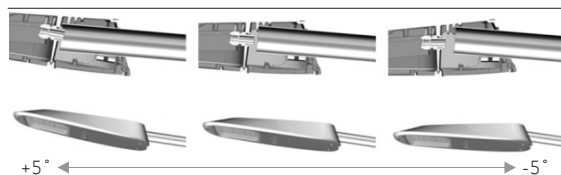
Features

- High system efficacy up to 107 lm/W, short payback
- Slim edge design for distinctive urban landscape
- Tool-less latch open for easy installation, maintenance and upgrade
- Product reliability with IP66, IK08 and surge protection with 10 kV
- Convenient $\pm 5^\circ$ tilting structure
- Long lifetime with high lumen maintenance
- NEMA Receptacle, Wireless control optional
- 3G vibration rating



Product details

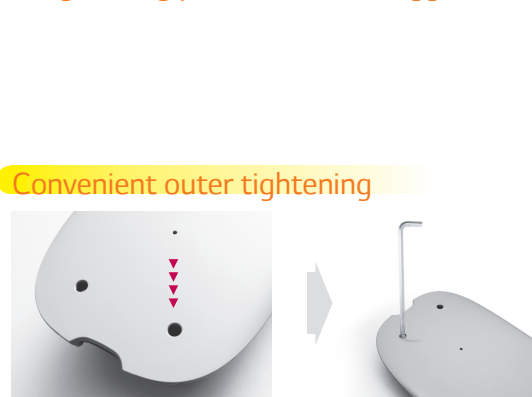
Adjustable tilting angle



Compatible with various arm sizes



Long-lasting protection with rugged finish



Convenient outer tightening



Tool-less entry

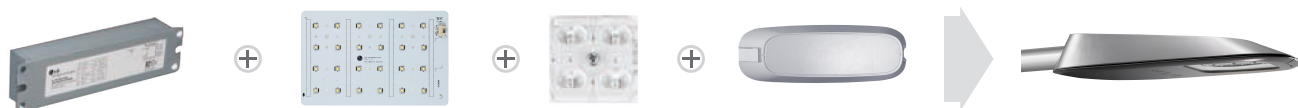


IP66 rating



Tempered glass

Modular design



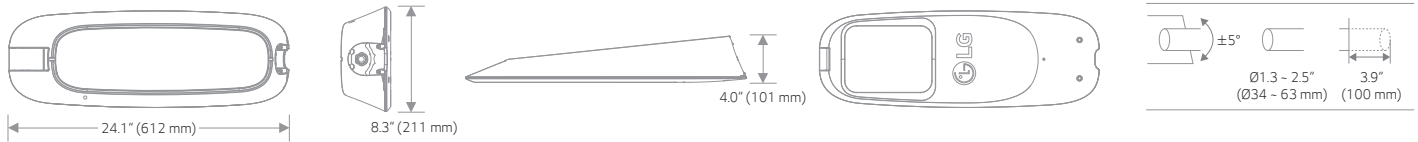
Driver

Module

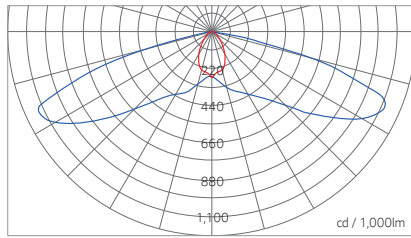
Lens

Housing & Heat sink

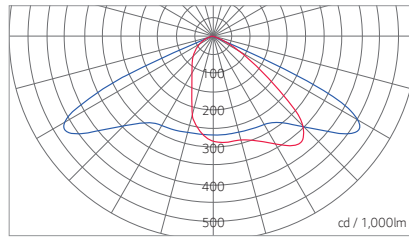
Dimension



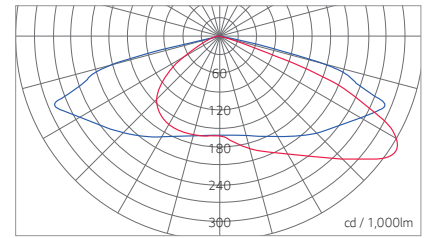
Photometrics



Lux	6m	8m	10m
Max	7.89	4.44	2.84
80%	6.3	3.5	2.3
60%	4.7	2.7	1.7
40%	3.2	1.8	1.1
20%	1.6	0.9	0.6
10%	0.8	0.4	0.3



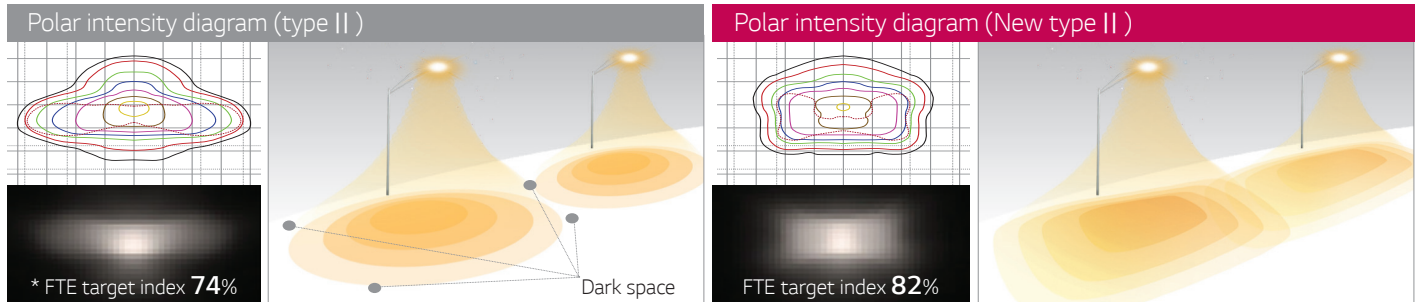
Lux	6m	8m	10m
Max	7.91	4.45	2.85
80%	6.3	3.6	2.3
60%	4.8	2.7	1.7
40%	3.2	1.8	1.1
20%	1.6	0.9	0.6
10%	0.8	0.4	0.3



Lux	6m	8m	10m
Max	4.72	2.65	1.7
80%	3.8	2.1	1.4
60%	2.8	1.6	1.0
40%	1.9	1.1	0.7
20%	0.9	0.5	0.3
10%	0.5	0.3	0.2

Homogeneous lighting environment

LG LED Streetlight provides optimized light according to the road conditions through different combinations of the lenses.



* FTE (Fitted Target Efficacy): Quantifies how effectively a rectangular-shaped target is lit, calculated as a percentage

Specifications & ordering information

Model code	Input power	Optical distribution	Delivered lumens	Efficacy	CCT	IP	IK	CRI	Input voltage	Input frequency	Output current	Operating temperature	Weight	Controls	Maintenance of lumen output	
	W	-	lm	lm/W	K	-	-	-	VAC	Hz	mA	°F (°C)	lb (kg)	-	hrs	
S40400T191A	38	Type I	3870	103	4000	66	08	>70	120-240	50/60	700	-40 ~ 122 (-40 ~ 50)	8.8 (4)	1-10 V (standard) NEMA receptacle (option) Wireless control (option)	50,000 (L90)	
S40400T291A		Type II	3870	103												
S40400T391A		Type III	3770	100												
S40500T191A		Type I	4030	106	5000											
S40500T291A		Type II	4030	106												
S40500T391A		Type III	3920	103												
S50400T191A	47	Type I	4830	103	4000											
S50400T291A		Type II	4830	103												
S50400T391A		Type III	4700	100												
S50500T191A		Type I	5030	107	5000											
S50500T291A		Type II	5030	107												
S50500T391A		Type III	4900	104												
S60400T191A	56	Type I	5750	103	4000											5000
S60400T291A		Type II	5750	103												
S60400T391A		Type III	5600	100												
S60500T191A		Type I	5990	107												
S60500T291A		Type II	5990	107												
S60500T391A		Type III	5830	104												

Application

