

PS-STREET

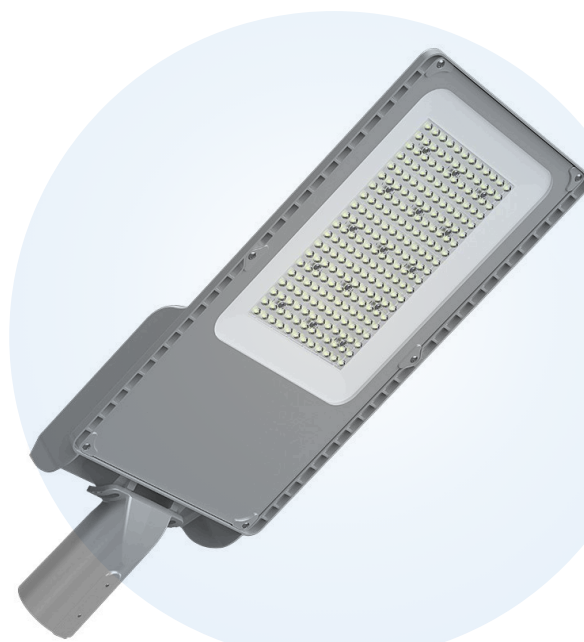
IP66 LED street light, 24 to 200 W

ROADS AND CAR PARKS

PRODUCT DESCRIPTION

PS-STREET is a die-cast aluminium LED street light for residential and estate roads, car parks and site perimeters. A PMMA lens array under tempered glass gives road optics from Type II to Type V, and the smooth top cover sheds dust and bird droppings.

- › 24 to 200 W in four housing sizes
- › Up to 34,000 lm at 170 lm/W
- › IP66 and IK08 with tempered glass
- › Type II, III, IV and V road optics
- › 6 kV surge protection
- › -40°C to +50°C operation



170 lm/W
Efficacy



IP66
Waterproof



Type II to V
Road optics



5 Years
Warranty

APPLICATION

Made for roads and car parks

Residential streets, estate roads, retail car parks and industrial yards need uniform light with little spill. Choose the optic to suit the road width and pole spacing, add dimming or a photocell, and cut energy against sodium lanterns.



Road optics

Type II, III, IV and V distributions to match road width and pole spacing.



High efficacy

170 lm/W gives 34,000 lumens at 200 W, a big saving against sodium and metal halide lanterns.



Weatherproof

IP66 and IK08, with a PMMA lens array protected by tempered glass for UV resistance.



Surge protected

6 kV surge protection with OTP, OCP, OVP and SCP driver protection for exposed sites.



Smart ready

DALI, 0/1-10V, timer dimming and programmable profiles, with an optional photocell.



Cool running

Die-cast aluminium, 96 W/m·K, for -40°C to +50°C. TM-21 rated L90B10 >50,000 h.

CERTIFICATION



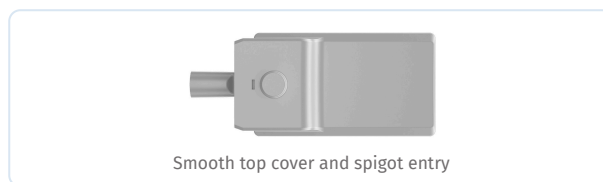
Tested to LM-79, LM-80 and TM-21.

PS-STREET Technical data

IP66 LED street light, 24 to 200 W

SPECIFICATION

Input voltage	100 to 277 V AC, 50/60 Hz
Power	24 to 200 W (see table)
Luminous flux	4,080 to 34,000 lm
Efficacy	170 lm/W
LED / driver	Philips LEDs, Meanwell XLG driver, efficiency >90%
Power factor / THD	>0.95 / <15%
CRI / SDCM	Ra >70 / <6
Colour temperature	3000K or 4000K
Optics	Type II, III, IV, V
Surge protection	6 kV
Driver protection	OTP, OCP, OVP, SCP
IP / IK rating	IP66 / IK08
Operating temperature	-40°C to +50°C
Lifetime	L90B10 >50,000 h (TM-21)
Housing	Die-cast aluminium; PMMA lens, tempered glass
Controls	DALI, 0/1-10V, timer, programmable
Mounting	Spigot
Weight	2.4 to 5.3 kg (see table)
Warranty	5 years



TECHNICAL SPECIFICATIONS

Product	Power	Lumen output	Efficacy	Dimensions L x W x H	Weight
PS-STREET 50	50 W	8,500 lm	170 lm/W	515 x 190 x 99 mm	2.4 kg
PS-STREET 100	100 W	17,000 lm	170 lm/W	575 x 242 x 109 mm	3.6 kg
PS-STREET 150	150 W	25,500 lm	170 lm/W	615 x 262 x 109 mm	4.05 kg
PS-STREET 200 LARGEST	200 W	34,000 lm	170 lm/W	685 x 287 x 109 mm	5.3 kg

OPTIONS AND ACCESSORIES

- › Photocell, on/off, 3 pin socket
- › Photocell with dimming, 5 or 7 pin
- › Power adjustable 50 W and 100 W versions
- › Also 24, 40, 80, 120 and 180 W

IDEAL FOR

- › Residential and estate roads
- › Car parks and service yards
- › Industrial sites and perimeters
- › Footpaths and cycle routes

5 YEARS
WARRANTY

Every Polaris Light fitting carries a 5-year warranty. Ask us for a free lighting design, lux plan and energy savings calculation for your site.