

Polar Lighting Pole is a contemporary design that is both timeless and unique in its impression. Compact without visible mounting equipment and optimised integration, Polar is in perfect continuity with the geometric lines of the square column. These assemblies are ideal for surroundings of contemporary architectural constructions.

Product Description

- Integrated with LED Modules.
- Polycarbonate optical lens.
- Protection class IP65
- Integral power supply
- Earth connection
- Safety class I
- **CE** - Conformity mark
- **BIS** - Conformity mark
- Pole made of Mild Steel
- Pole design parameters vary depending on the type of bracket and loading factor.
- All pole sections are welded using special v groove technique by certified welders using high end MIG welding processes.
- Built-in control box with cast aluminium service door and safety rope.
- The control gear tray is prewired with MCB, terminal connectors for loop-in / loop-out arrangement.
- The foundation bolt holes in the base plate are designed to be elongated for fine adjustments / alignment of the pole during installation.
- Base plate made of steel grade E250 & foundation bolt of grade 4.6

Product Benefits

- Quick installation and low assembly costs.
- A wide range of Pole heights and bracket options to meet various lighting requirements.
- Functionally versatile, strong and stable with sound engineering.
- Innovative Design options to provide Visual integration with the environment.
- High Brightness, LED Light source do not pose any environment risks.
- Designed for highest efficiency in terms of more lumens at reduced wattages contributing to a Greener World.
- Customised for your delight : Creating the entire product portfolio - Right from concept to completion, merging the best technology and practices in lighting.

Area of Application

Street Lighting, Smaller Roadways, Expressways, Private driveways, Residential Area Lighting, Courtyards, Public area lighting like parks & Squares.

Installation

Surface mounted with base plate and fitted on a pre formed foundation.

Available Finish

Coated with zinc rich primer and finished using environmentally stable polyurethane based paint / Pure polyester powder coated of desired colour.

- Graphite grey
- Anthracite grey
- Black

POLAR □145 Series

ID	Pole Size	Arm	Arm Length	Wattage	Height	Mounting
KP-7268	145 x 82	SA	1000	2 x 50W	6000	KP-70
KP-7269	145 x 82	SA	1000	2 x 50W	7000	KP-70
KP-7270	145 x 82	SA	1000	1 x 50W	6000	KP-70
KP-7271	145 x 82	DA	2000	2 x 50W	6000	KP-70
KP-7272	145 x 82	AA	1800	2 x 50W	6000	KP-70
KP-7276	145 x 82	AA	2000	4 x 40W	5000	KP-71



KP-7271

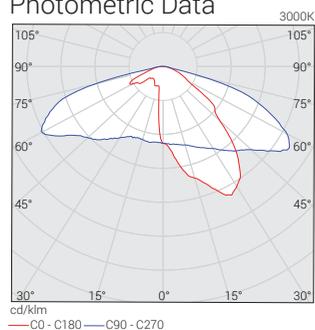
KP-7276

KP-7272

KP-7270



Photometric Data



Lighting Module Datasheet - 50W

LED Brand	OSRAM / LUMILED
Input voltage/current	30-48V, 1200 mA
Colour Temperature	3000K / 4000K / 5700K
Colour rendering index	>80
Luminous flux(lm)	6128 lm / 5900 lm / 6224 lm
Power consumption(w)	50W
Luminaire efficacy(lm/W)	123 lm/W / 120 lm/W / 124 lm/W
Operating temperature(°C)	-15°~+50°C
Optics	TYPE III
Ingress Protection	IP65
Impact Protection	IK08
Optical Lens	Polycarbonate
Certification	LM80 certified / RoHS / CE confirmed

Note

Luminous flux and power consumption allowance is ±10%, CRI allowance is ±5.