

**K-LiTE**  
Area  
Lighting Poles



Architectural Lighting Pole is design to create a distinctive atmosphere in town & cities by using the most advanced technology to develop innovative lighting solutions. Poles can stylishly convey the identity of any landscape. Our poles can be designed to suit single or multi arms brackets in order to install one or more light sources.

### Product Description

- 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.
- Pole made of Steel grade YST 210 / E250
- Built-in control box with cast aluminium service door and safety rope.
- Die cast aluminium door is contoured to the shape of the pole with silicone rubber gasket.
- 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
- CE - Conformity mark

### 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.
- Long life span.
- Innovative Design options to provide Visual integration with the environment.
- 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

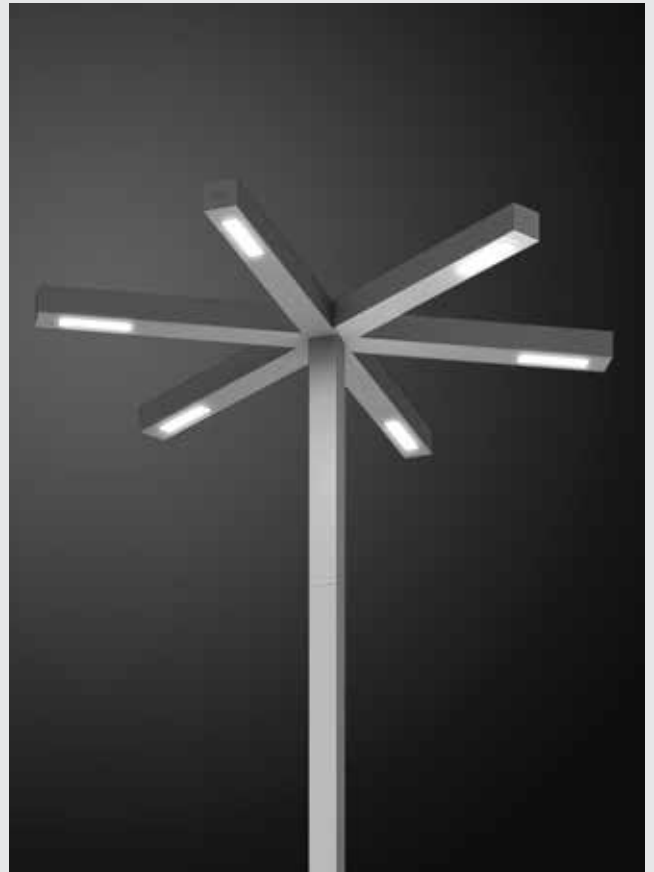
Street lighting in main road / secondary roads, Illuminating pathways in parks, gardens, resorts, Expressways, Private driveways, Residential Area Lighting, boulevards, shopping centres, building perimeters and public places.

### Installation

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

### Available Finish

Coated with epoxy zinc phosphate primer and finished using environmentally stable polyurethane based paint.



**Note :** It is our constant endeavor to upgrade the performance of our products. For the latest technical information, IES files and product updates please refer to the website at [www.klite.in](http://www.klite.in)



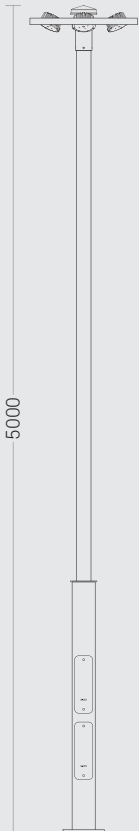
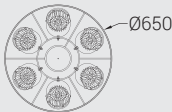
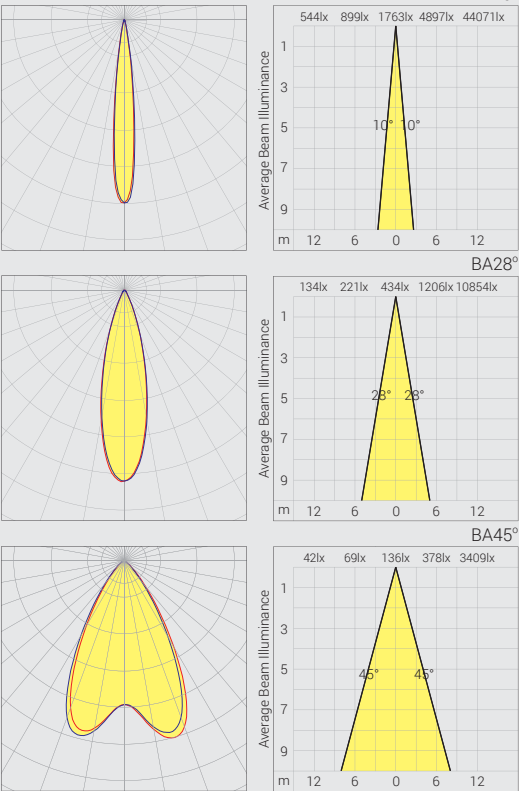
**Important Note :** To ensure proper installation, kindly translate / communicate the installation instructions to a qualified electrician in their respective local language.

Polar Moon Micro Mast

ID	Pole Type	Wattage	Pole Size	Base Size	Height	Mounting
KP-4713	P8	6 x 45W LED	Ø88.9	Ø139.7	5000	KP-51.1



Photometric Data



45W LED Module Specification

LED Brand	NICHIA
Module voltage/current	36-42V, 1,050 mA
Colour Temperature	3000K / 4000K / 5700K
Colour rendering index	>80
Luminous flux(lm)	4744 / 4976 / 4769 lm
Power consumption(w)	45W
Luminaire efficacy(lm/W)	103 / 107 / 103 lm/W
Operating temperature(°C)	-40°~+50°C
Optics	BA 10° / BA 28° / BA 45°
Ingress Protection	IP 67
Impact Protection	IK08
Optical Cover	Polycarbonate
Certification	LM80 certified / RoHS / CE confirmed

Note

1. Luminous flux measurement is initial at 27°C.
2. Luminous flux and power consumption measurement allowance is ±10%.
3. CRI allowance is ±5.