

K-LITE
Introduces
Aluminium Series



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

Product Description

- Pole made of extruded aluminium alloy (grade 6063) can achieve high strength and corrosion resistance in various atmospheric conditions.
- 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.
- The control gear tray is prewired with MCB, terminal connectors for loop-in / loop-out arrangement.
- Built-in control box with cast aluminium service door and safety rope.
- Can be Integrated with LED Modules.
- Earth connection
- Safety class I
- **CE**- Conformity mark
- **BIS** - Conformity mark

Product Benefits

- 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.
- A wide range of Pole heights and bracket options to meet various lighting requirements.
- Excellent Corrosion resistant.
- Quick installation and low assembly costs.
- Functionally versatile, strong and stable.
- Long life span with very low maintenance.

Area of Application

Illuminating pathways in parks, Smaller Roadways, Private driveways, Residential Area Lighting, Courtyards & Squares.

Installation

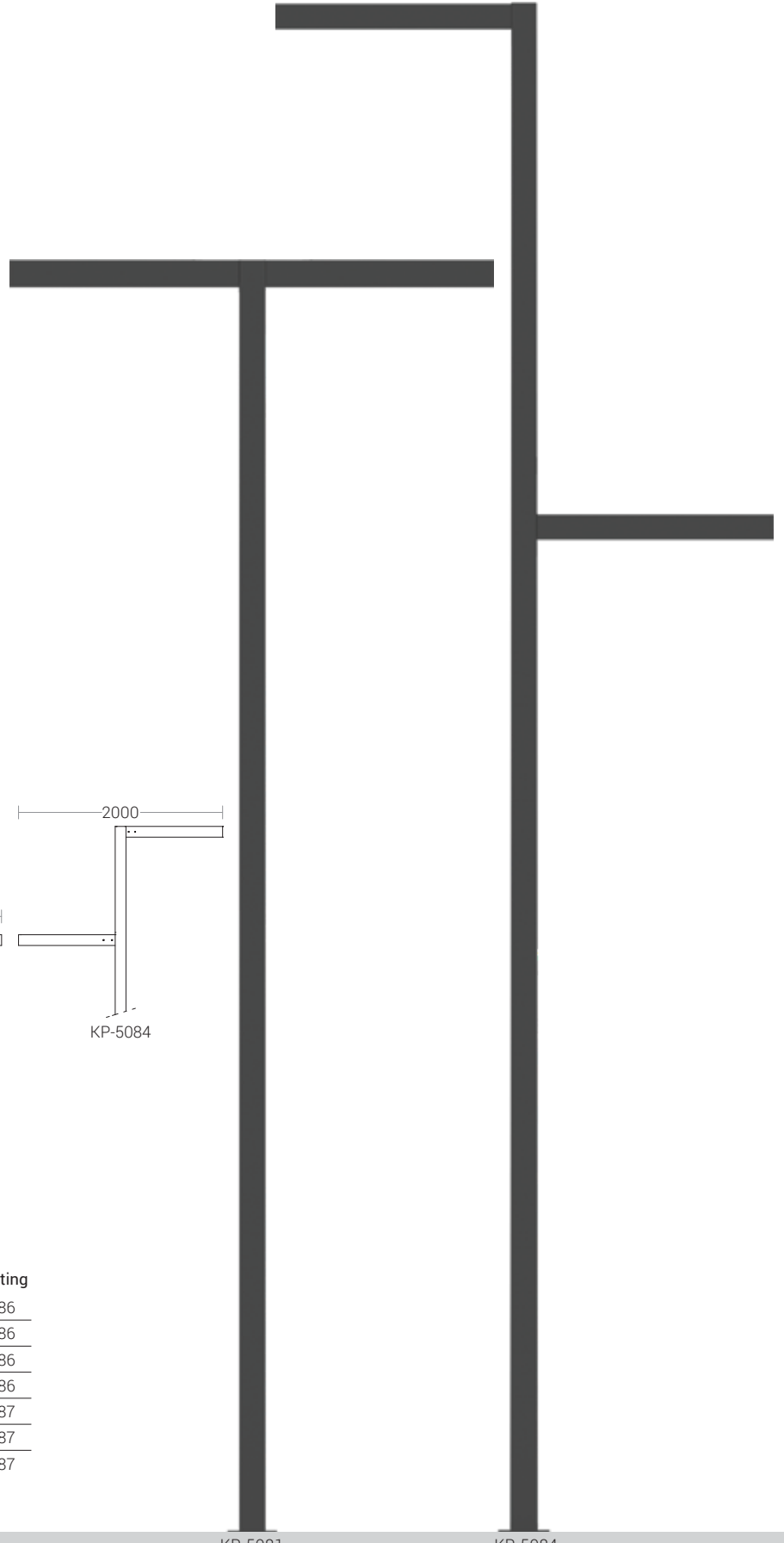
Surface mounted with base plate and fitted on a pre formed foundation.

Available Finish

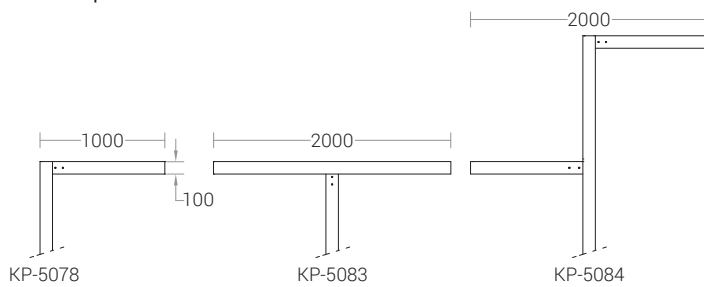
Coated with zinc rich primer and finished using environmentally stable polyurethane based paint / Pure polyester powder coated of desired colour.

- Graphite grey
- Anthracite grey
- Black





Multiple variants



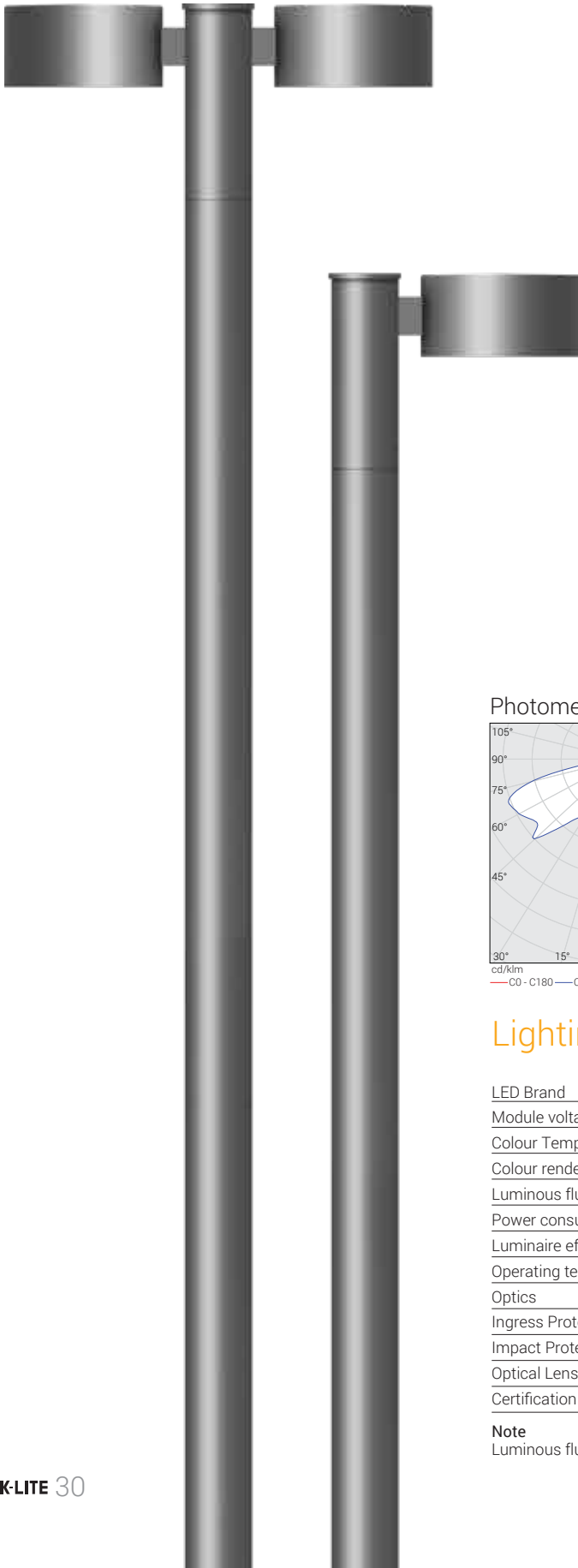
BETA

150 x 100 Series

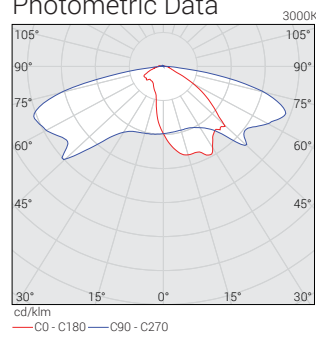
| ID | Arm | Wattage | Height | Mounting |
|---------|-----|-------------------|--------|----------|
| KP-5078 | SA | 1 x 45W | 4000 | KP-86 |
| KP-5079 | DA | 2 x 45W | 4000 | KP-86 |
| KP-5080 | SA | 1 x 90W | 5000 | KP-86 |
| KP-5081 | DA | 2 x 90W | 5000 | KP-86 |
| KP-5082 | SA | 1 x 90W | 6000 | KP-87 |
| KP-5083 | DA | 2 x 90W | 6000 | KP-87 |
| KP-5084 | AA | 1 x 45W / 1 x 90W | 6000 | KP-87 |

KP-5081

KP-5084



Photometric Data



Lighting Module Datasheet - 45W

| | |
|---------------------------|--------------------------------------|
| LED Brand | NICHIA |
| Module voltage/current | 30-48V, 1050 mA |
| Colour Temperature | 3000K / 4000K / 5700K |
| Colour rendering index | >80 |
| Luminous flux(lm) | 4693 / 4918 / 5114 lm |
| Power consumption(w) | 45W |
| Luminaire efficacy(lm/W) | 104 lm/W / 111 lm/W / 112 lm/W |
| Operating temperature(°C) | -15°~+50°C |
| Optics | TYPE II |
| 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.