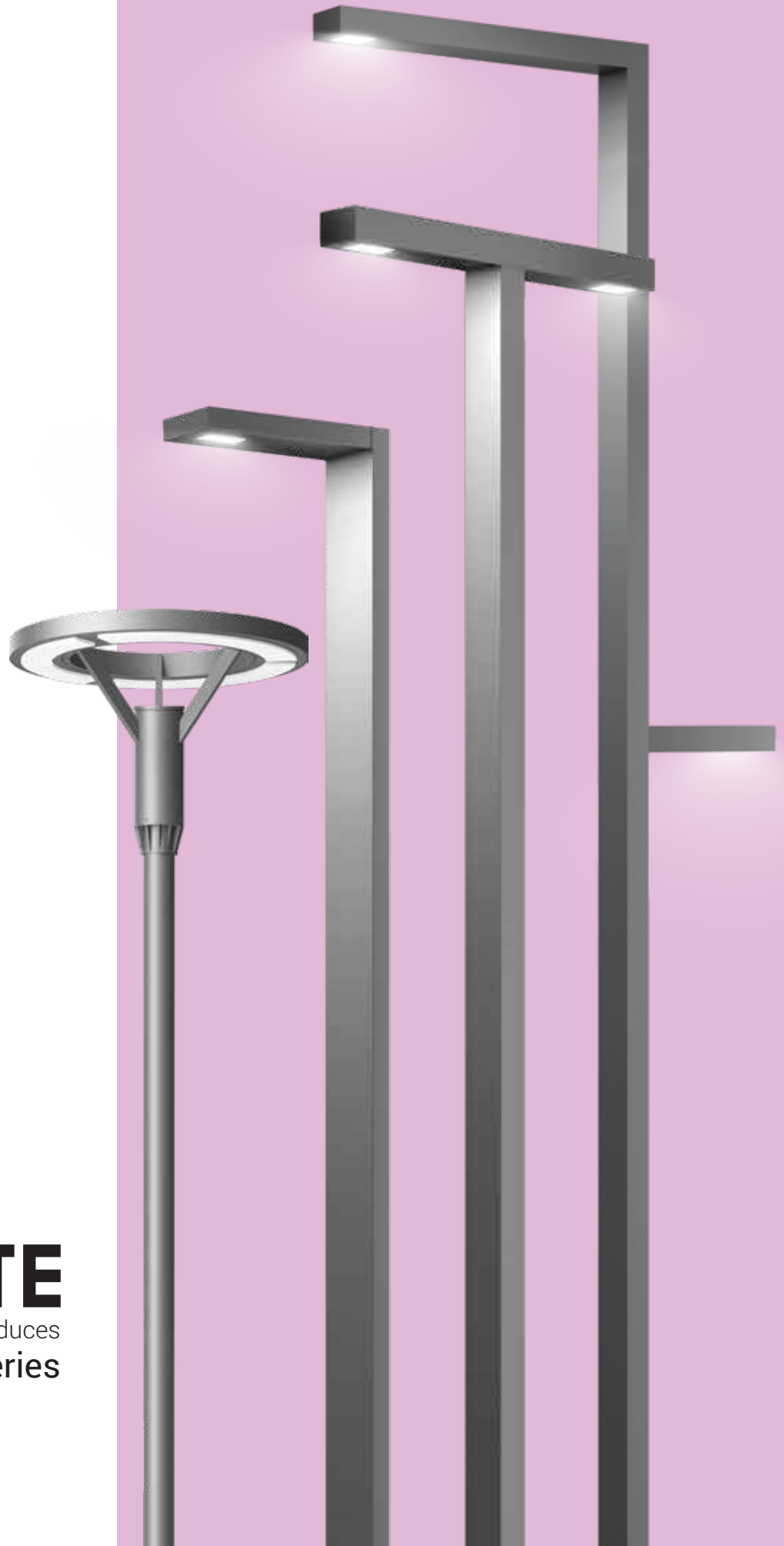


K-LITE
Introduces
Aluminium Series



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

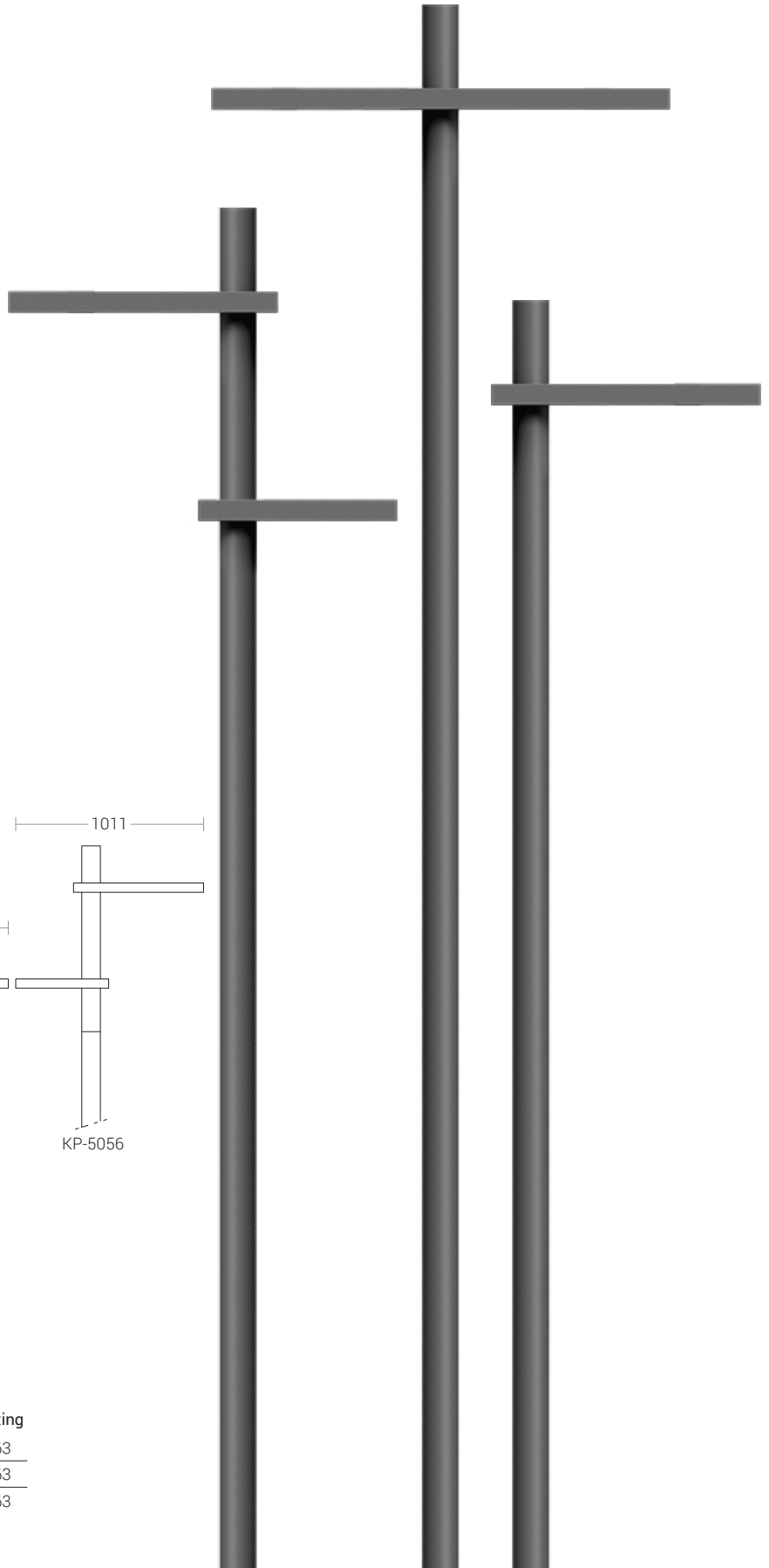
Surface mounted with base plate and fitted on a pre formed foundation.

Available Finish

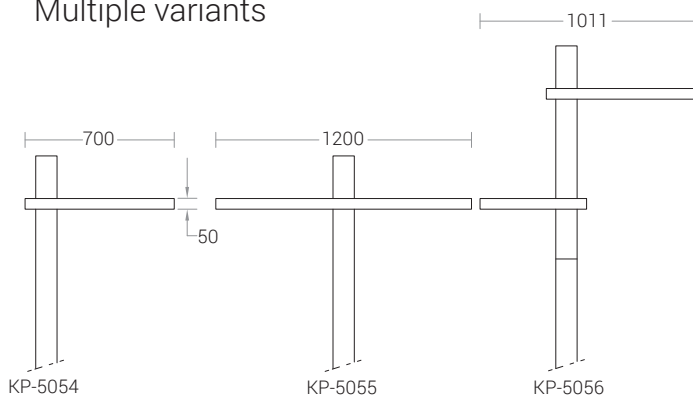
Coated with zinc rich primer and finished using environmentally stable polyurethane based paint / Pure polyester powder coated of desired colour.

- Graphite grey
- Anthracite grey
- Black





Multiple variants



IOTA

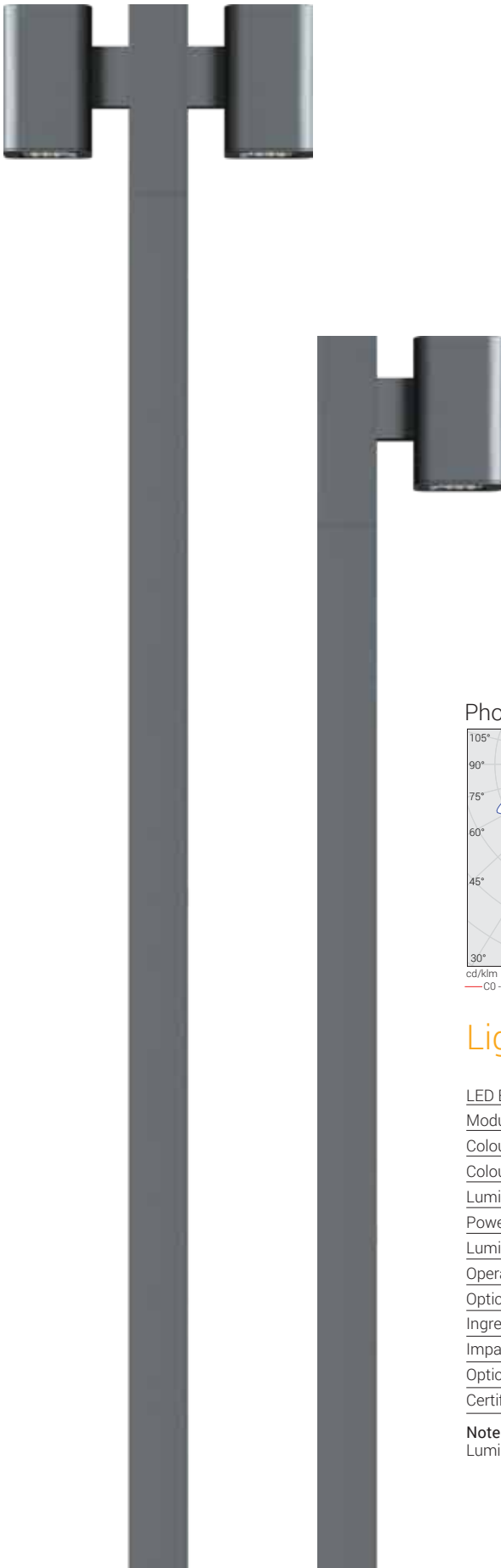
Ø100 Series

ID	Arm	Wattage	Height	Mounting
KP-5054	SA	1 x 45W	4000	KP-63
KP-5055	DA	2 x 45W	4000	KP-63
KP-5056	AA	1 x 30W / 1 x 45W	4000	KP-63

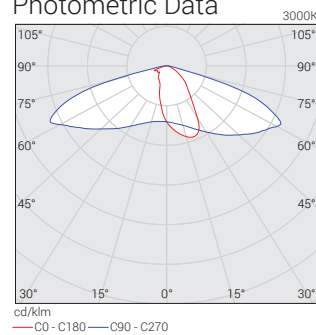
KP-5056

KP-5055

KP-5054



Photometric Data

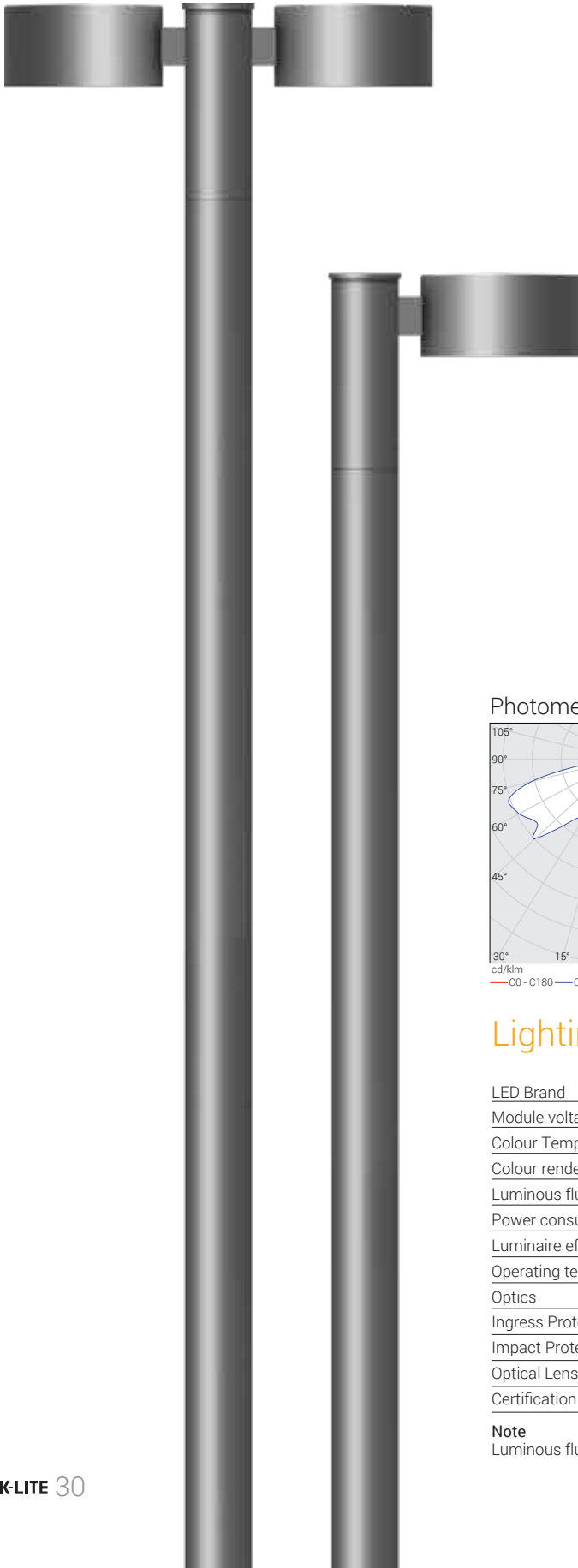


Lighting Module Datasheet - 30W

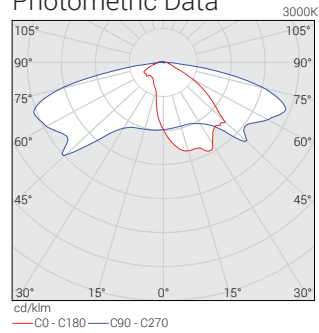
LED Brand	NICHIA
Module voltage/current	30-50V, 600 mA
Colour Temperature	3000K / 4000K / 5700K
Colour rendering index	>80
Luminous flux(lm)	2976 / 3389 / 3245 lm
Power consumption(w)	30W
Luminaire efficacy(lm/W)	100 lm/W / 116 lm/W / 109 lm/W
Operating temperature(°C)	-15°~+50°C
Optics	TYPE II
Ingress 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.



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.