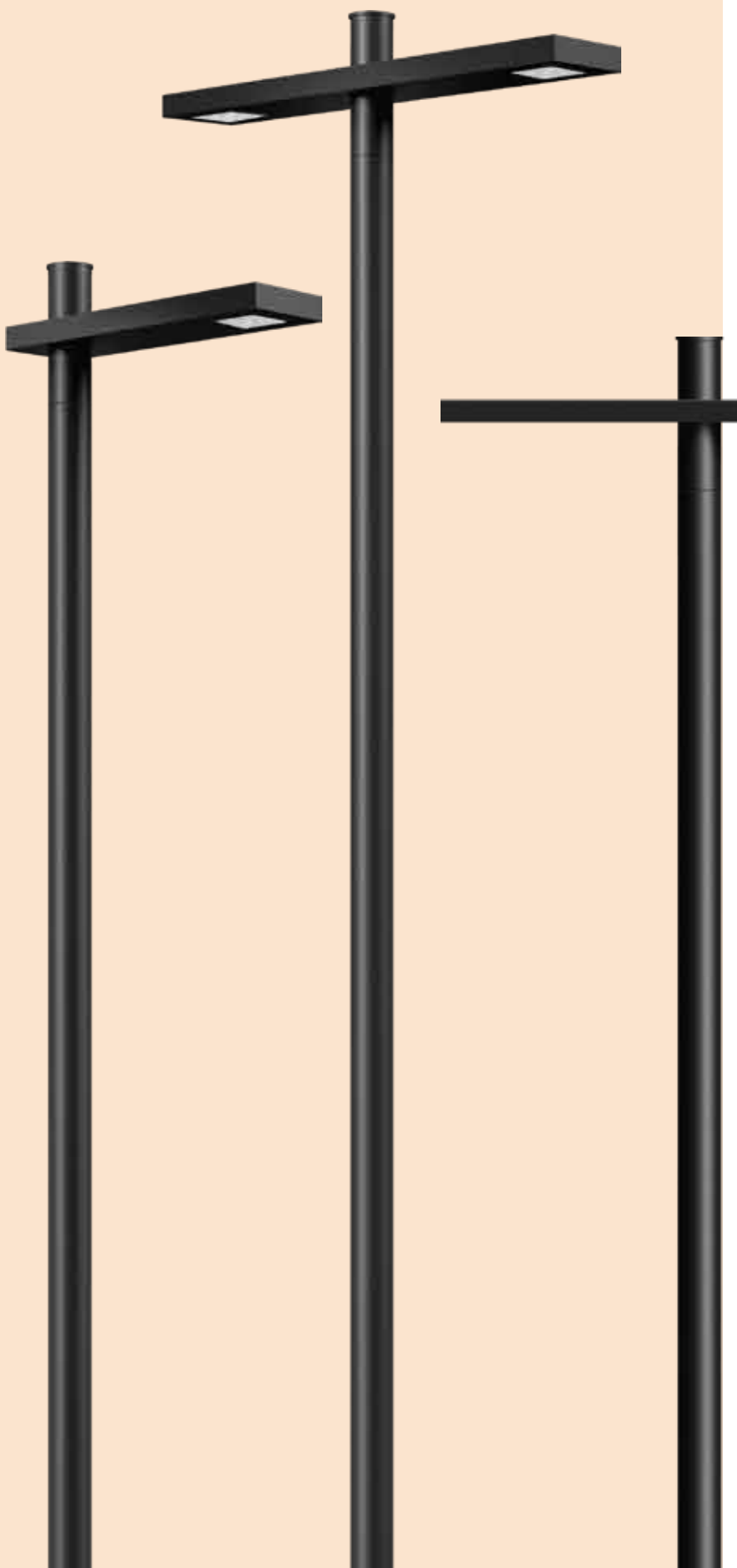




K-LiTE
Aluminium Series

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 service door and vandal resistant loss proof screw.
- Die cast aluminium door is contoured to the shape of the pole with silicone rubber gasket.
- 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 for 5000mm / Base plate made of die-cast aluminium for 4000mm.
- 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.

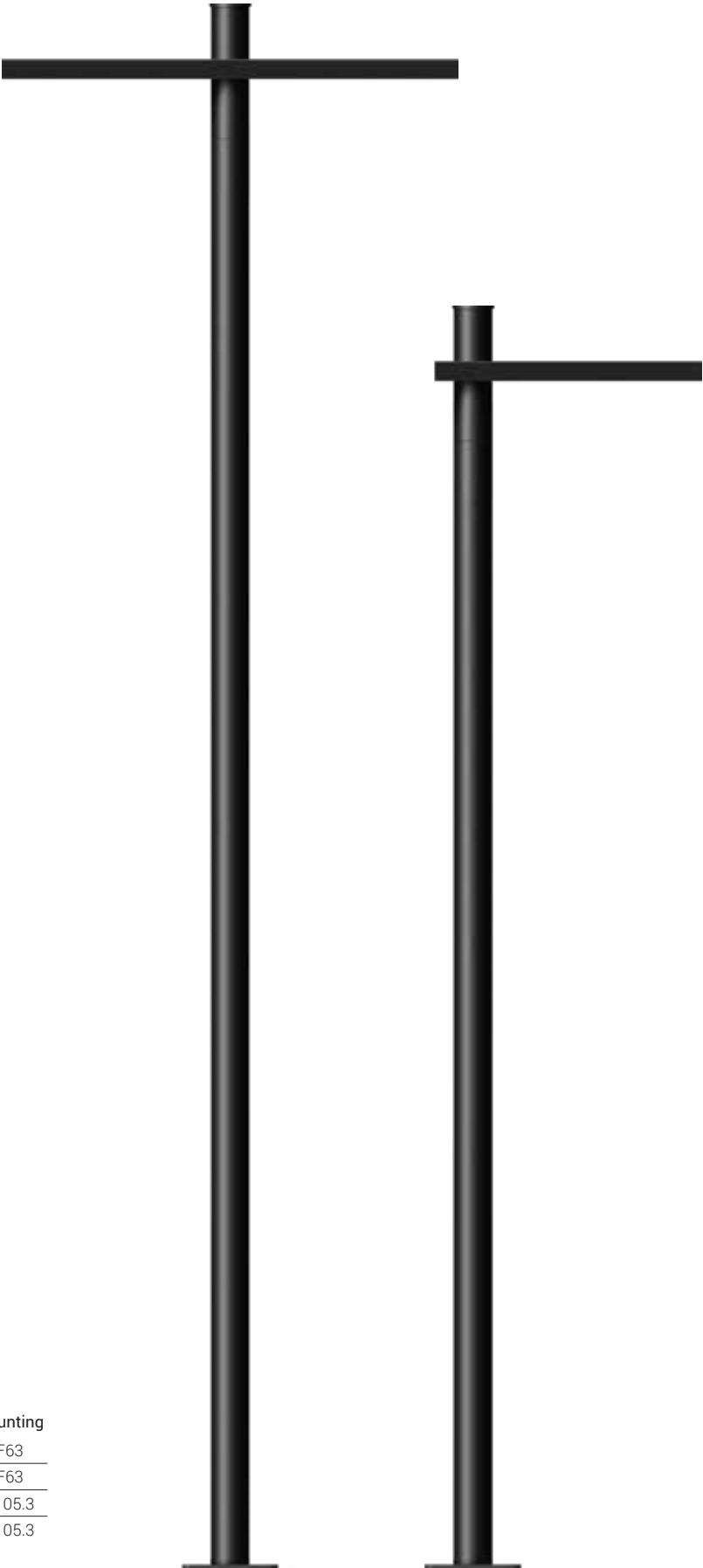
Installation

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

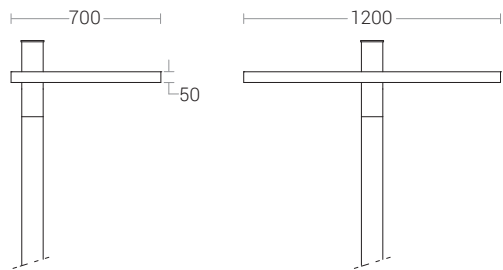
Available Finish

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

- RAL 9004 Black
- RAL 7016 Anthracite grey
- Graphite grey



Multiple variants

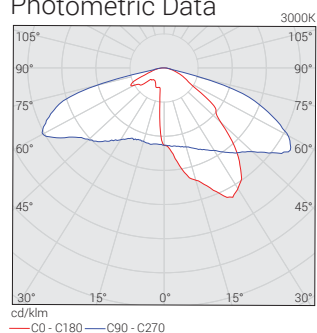


IOTA
Ø100 Series

Code	Arm	Wattage	Height	Mounting
12069-400-SA-050	SA	1 x 50W	4000	F63
12069-400-DA-050	DA	2 x 50W	4000	F63
12069-500-SA-050	SA	1 x 50W	5000	F105.3
12069-500-DA-050	DA	2 x 50W	5000	F105.3



Photometric Data



Lighting Module Datasheet - 50W

LED Brand	LUMILEDS
Input voltage/current	30-50V, 1200 mA
Colour Temperature	3000K / 4000K / 5700K
Colour rendering index	>70
Luminous flux(lm)	>6000 lm
Power consumption(w)	50W
Luminaire efficacy(lm/W)	>120 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 $\pm 10\%$, CRI allowance is ± 5 .