

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 LED Module
- 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 die cast aluminium service door and vandal resistant loss proof screw.
- 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.
- 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, 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.

- RAL 9004 Black
- RAL 9007 Grey aluminium
- RAL 7016 Anthracite grey
- Graphite grey

POLAR □150 Series

Code	Arm	Arm Length	Wattage	Height	Mounting
12101-700-SA-001-100	SA	1000	1 x 100W	7000	F57.7
12101-700-DA-001-100	DA	2000	2 x 100W	7000	F57.7
12101-800-SA-001-100	SA	1000	1 x 100W	8000	F57.7
12101-800-DA-001-100	DA	2000	2 x 100W	8000	F57.7
12101-900-SA-001-100	SA	1000	1 x 100W	9000	F57.7
12101-900-DA-001-100	DA	2000	2 x 100W	9000	F57.7



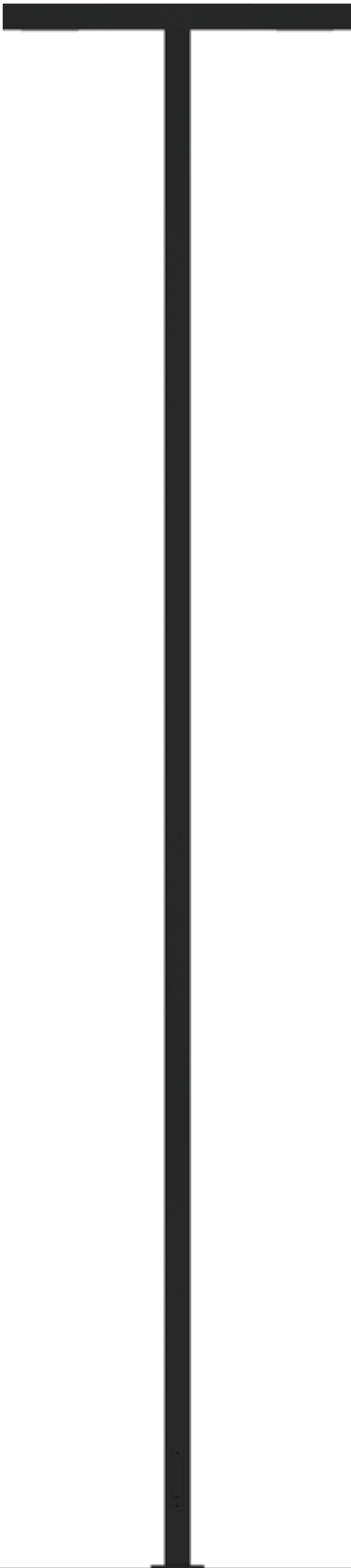
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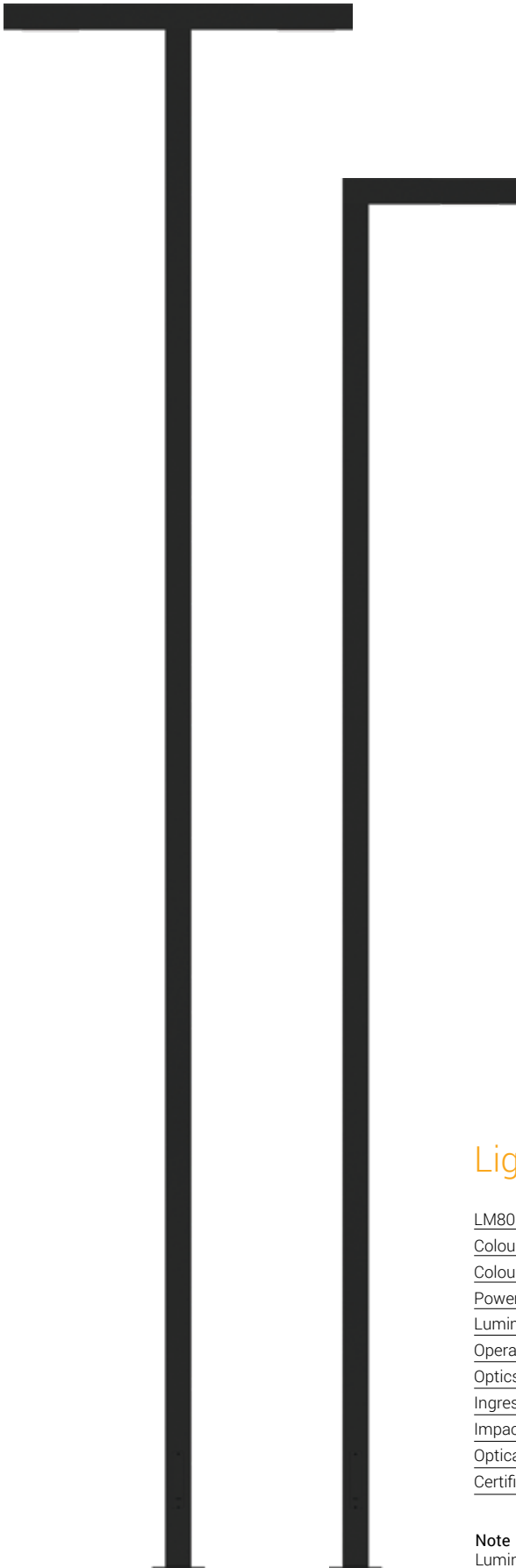
12101-800-DA-001-100



12101-800-SA-001-100



12101-900-DA-001-100



Lighting Module Datasheet - 100W

LM80 certified LED brand	LUMILEDS
Colour temperature	3000K / 4000K / 5700K
Colour rendering index	≥70
Power consumption (W)	100W
Luminous efficacy (lm/W)	>120 lm/W
Operating temperature (°C)	-15°~+50°C
Optics	Type III
Ingress protection	IP65
Impact Protection	IK08
Optical cover	Polycarbonate
Certification	LM80 certified / RoHS / CE confirmed

Note

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