

# LIDA



LIDA is an LED range of street light from 40W to 200W with several optical options providing excellent photometry. They can be used for main roads, parking lots, city roads, etc.

The luminaire has a grey painted pressure die cast aluminium body, a highly efficient polycarbonate protector (Ik08) with integrated lenses. The entire luminaire is Ip66.



MICRO



MINI PLUS



MIDI



MAXI

## KEY ADVANTAGES



- A robust range in four sizes
- Surge protection Standard 10kV or optional 20kV SPD
- Operating temperature range -10°C to 50°C
- Separate optical and control gear compartment
- Option of NEMA socket for smart lighting
- Supplied pre-cabled (0.3m) for easy installation

## CHARACTERISTICS

Luminaire Efficacy	- 120 lm/W (optional 140 lm/W)
Colour Temperature (CCT)	- 4000K (optional 3000K & 5700K)
Colour Rendering Index (CRI)	- 70
Optical & Control Gear Tightness	- IP 66
Impact Resistance	- IK 08
Lumen Maintenance	- L70@50,000 Hours
Nominal Voltage	- 240V/50Hz
Body Colour	- Grey (Std.)
Electrical Class	- I

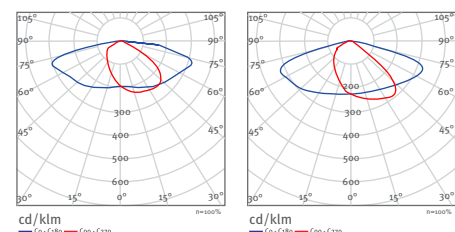
\* For 4000K & 5700K only

**\* NOTE :** The initial flux & power consumption of the luminaire are indicative values for 25°C ambient temperature. The real flux output of the luminaire depends on environmental conditions like temperature and may vary with specific configurations. Values are subject to ±5% allowance at nominal voltage.

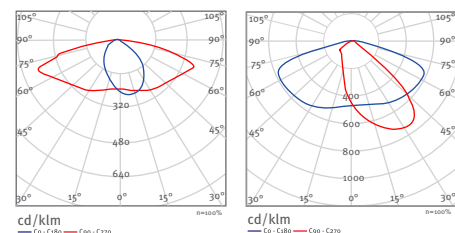
## PHOTOMETRY

- Each led has a specific lens that generates uniform light distribution
- The upward light output ratio (ULOR) is 0% at 0°

### Typical photometry with 5050 led

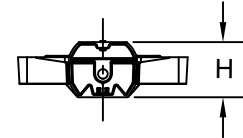
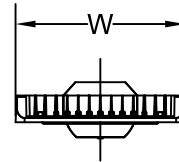
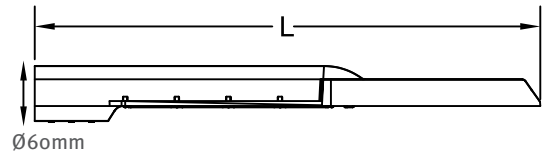


### Typical photometry with 3030 led



## PRODUCT RANGE & DIMENSIONS

Catalogue Reference	Size (mm)			Weight (Kg)
	L	W	H	
Micro 40W NW LED 60W NW LED	573	142	76	2.5±0.2
Mini Plus 90W NW LED 120W NW LED	615	212	79	3.5±0.2
Midi 150W NW LED	710	218	81	4.5±0.2
Maxi 180W NW LED 120W NW LED	757	254	83	5.5±0.2



## FEATURES

### WATER ACCUMULATION



Additional weeping holes to avoid water accumulation

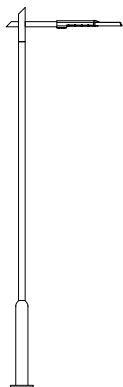


### INTEGRATED SHIELD REDUCES UPLIGHT

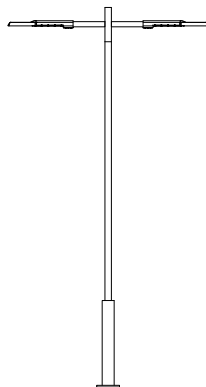


Integrated shield in the housing that effectively reduces uplight

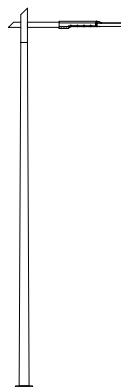
## POLES & BRACKETS



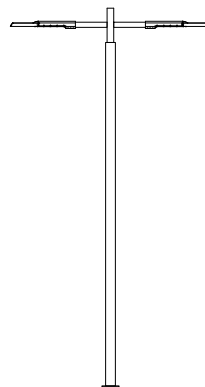
CLASSIC POLE WITH CLASSIC BRACKET



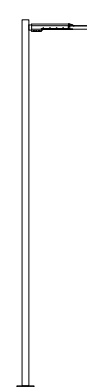
ECO POLE WITH LINEAR BRACKET



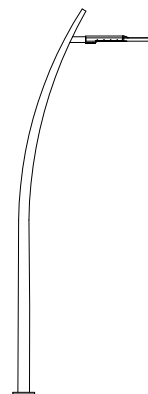
CONICAL POLE WITH CLASSIC BRACKET



LINEAR POLE WITH LINEAR BRACKET



SQUARE POLE



BENDED CONICAL POLE