



STREET LIGHT

FUTURA MAXI

120 W – 200W

FUTURA MAXI has been designed to optimize the efficiency of LED light sources and to provide maximum energy savings. It offers high levels of illumination, excellent uniformity and high colour rendering.

The fixture body is made from pressure die cast aluminium. The high quality and design of the aluminium housing leads to excellent heat dissipation. Its slim design provides extremely low wind resistance.

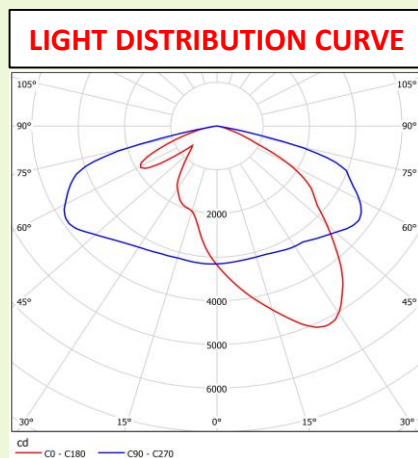
The high efficiency PMMA lens gives excellent light distribution. Different lenses with different light intensity distributions are available. The fixture is also provided with high impact resistance toughened glass cover.

FUTURA MAXI is provided with a mounting bracket that allows for direct arm or pole-top installation (90°) on cylindrical poles and arms with a diameter of up to 60 mm. The adjustable bracket allows the fixture to be tilted smoothly.

The surface finish of the fixture is achieved after several material pre-treatment stages, a high adherence epoxy primer and a polyester powder top coat. This treatment provides extremely high resistance to corrosion, abrasion and peeling and maintains colour stability over time.

PARAMETERS	SPECIFICATIONS
Input Voltage	150V-265V AC, 12V/24VDC
Power Factor@ 230VAC	> 0.9
Lumen Efficacy	> 100 Lumens per Watt
Colour Temperatures	3000K/ 4000K/ 6000K
CRI	> 70
Impact Protection	IK08
Ingress Protection	IP66

Options/ Accessories Available:	
1	Analog (1-10V) / PWM/ Resistive dimming available.
2	Surge Suppression Protection upto 10KV/ 20KV
3	LDR based On/Off and dimming.
4	Dimming and On/Off interface with Astronomical timer.



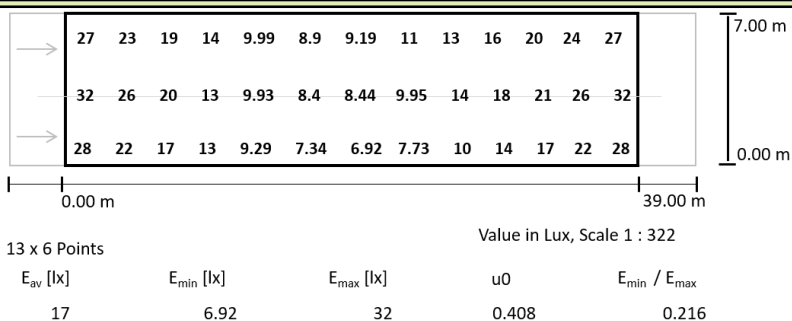
Optics Options : Type II, Type III and Type IV distributions

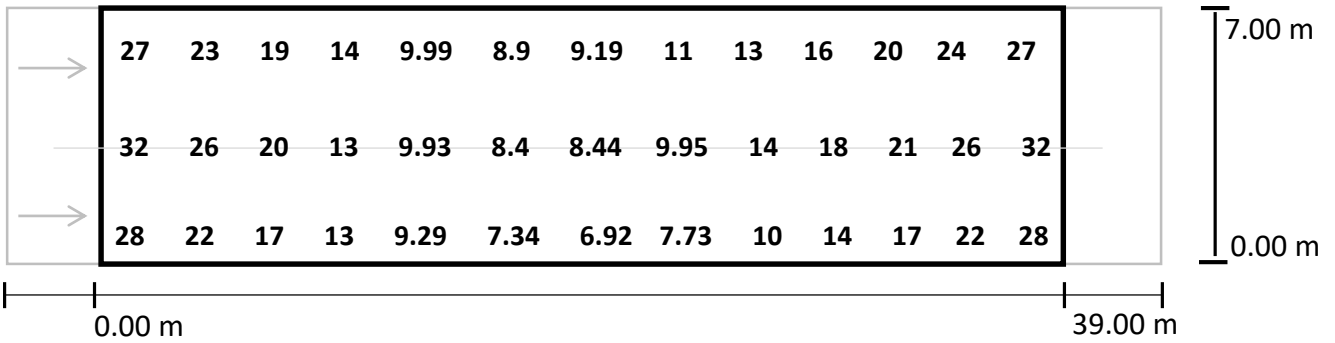
Applications: Street Lighting, Industrial Lighting, Parking Areas, Railway Stations, Solar Lighting Systems

CALCULATION EXAMPLE

Calculation Parameters

Luminaire Wattage:	150 W
Arrangement:	Single row, bottom
Pole Distance:	39.0 m
Mounting Height:	10.0 m
Overhang:	0.0 m
Boom Angle:	0.0°
Boom Length:	1.50 m





Value in Lux, Scale 1 : 322

Grid: 13 x 6 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
17	6.92	32	0.408	0.216

Lighting Distribution Options available : Type II, Type III and Type IV