



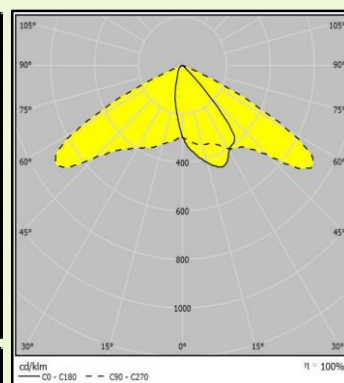
# STREET LIGHT

# FUTURA MIDI

## 30 W – 50W

FUTURA MIDI 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. FUTURA MIDI is provided with a mounting bracket that allows for direct arm on cylindrical poles and arms with a diameter of up to 40 mm. 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 polycarbonate PC cover giving it an impact rating of IK10. 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.

PARAMETER	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	IK10
Ingress Protection	IP65



Intensity Distribution Curve

**Options/ Accessories Available:**

1	Analog (1-10V) / PWM/ Resistive dimming options available.
2	Surge Suppression Protection upto 10KV/ 20KV
3	LDR based On/Off and dimming.
4	Dimming and On/Off interface with Astronomical timer.
5	Optics Options : Type II, Type III
6	Solar based LED Lighting

**Applications**

Street Lighting, Industrial Estates, Residential Estates, Parking Areas, Campus Areas, Village Lighting, Solar Lighting Systems

**CALCULATION EXAMPLE**

**Calculation Parameters**

Luminaire Wattage:	45 W
Arrangement:	Single row, bottom
Pole Distance:	24 m
Mounting Height:	6 m
Overhang:	1 m
Boom Angle:	0.0°
Boom Length:	0.5 m

