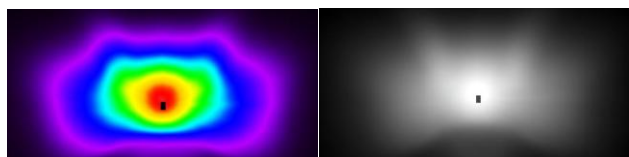
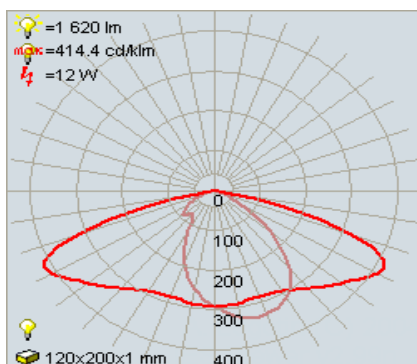


Technical values 12w LED Luminaire for street light applications



Light Source
LED source efficiency @ $I_f=350\text{mA}$, $T_j=25^\circ\text{C}$ (lm/w)
Minimum CRI (colour rendering index)
Colour temperature
IESNA TM-21 LED useful lifetime @ $I_f=1000\text{mA}$
Optic
Photometric classification CIE 1965

Lighting features

12w x 12 LED's = 1620(lm)
176.3
70
4000k
>100.000 hours @ L80(6k) – $T_j=75^\circ\text{C}$ @ 1770lm
Asymmetric for street lighting
Semi Cut-off

Power supply
Electrical insulation class
LED current (mA)
Connection

Electrical Features

10-16 VDC
III (SELV)
330
3 conductors (+VDC, -VDC, DIM) IP68 Connector with cable: max 4mmq
Maximum total diameter 13,5mm
Automatic or controlled by our charge regulator
30%
Control of heat sink temperature

Luminous flux reduction
Luminous flux reduction value
LED thermal protection

Protection degree
Dimensions (mm)
Wight (Kg)
Fixing
Tilt angle
Homologations
Warranty (years)

General Features

IP65
300 x 299 x 69mm
8,25 / 10,35
Bracket $\varnothing$ 60mm
0°
CE Mark
5

Bracket
Heat sink body
Caps
Screen
Optic
Decorative accessory

Materials

Treated steel
Anodized extruded aluminium
Varnished die-cast aluminium
Tempered clear 4mm
PMM (polymethylmethacrylate)
Blue LED 5mm 15° installed on the road side cap

