



Product line IRIS 0	Category Outdoor
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Technical description

Photometric solutions for lighting streets, highways, parking stations, railway platforms, pedestrian areas, parks, and bike paths and etc. Various types of power (10W up to 70W) and optical light distributions. Opening for maintenance without tools. Control: 1-10V, DALI, DSI, chronoSTEP. Housing: high-pressure die-cast aluminium, painted, corrosion resistance class C4-C5. Recommended mounting height: 6 – 12 m.

Weight (netto / brutto) 3.60 kg / 4.00 kg	Product dimensions 422x96x198
Product color 7035	Certifications CE, CB, ENEC, ENEC+



Technical data

Im system	5100
W system	30.00
Luminous efficiency (lm/W, real values)	170.00
Correlated colour temperature (K)	4000
CRI Ra	70
Luminaire type	Street lights
Maintenance type	Tool-less
Surge protection device (SPD)	No
Sockets	No sockets
Material	Heat sink: Cast aluminum, painted
Optics	Asymmetric optics lens
Optical cover	Glass, thermally hardened
Tool - less	Lid opening and driver change
Protection against fogging	The luminaire design incorporates a pressure-equalizing moisture/dust filter that prevents moisture condensation in the luminaire housing.
Instalation	Adjustable bracket: angle - 15 + 15 , Ṙ 60-76 mm, Ṙ 42-60 mm
Color Randering Index	Ra 70
Color	RAL7015, RAL7035, RAL9005
Operating temperature	-40°C Ta +50°C
Life expectancy L/B	L90 B10 by 100000 hrs (Ta = 25 °C)
Overvoltage with a variable surge protection	N/L – 10kV, P(N/L) - 10kV
Driver	180 - 264 VAC, 176 - 280 VDC
Power factor (Cos)	0.95

CLO	<p>The light output of an LED module reduces over the course of its lifetime. The Constant Light Output (eCLO) function compensates for this natural decline by constantly increasing the output current of the LED driver throughout its lifetime.</p>
Intelligent temperature Guard (ITG)	<p>The intelligent temperature guard protects the LED driver from thermal overheating by reducing the output power or switching off in case of operation above the thermal limits of the luminaire or ballast.</p>
Maintenance	<p>Optical module sealed for life No internal cleaning required</p>
Size	<p>422 x 196 x 95,60 mm</p>
Interfaces	<p>one4all (DALI, DALI2, DT 6, DSI, switchDIM, corridorFUNCTION) - near field communication (NFC) - ready2mains (configuration and dimming via mains) - U6Me2 (configuration of chronoSTEP 2 via mains)</p>

