



SMART (options)

Smart-ready® (ZD4i)	✓
Night-time dimming	✓
Detection	✓
Tunable White	✓
WIZARD remote management	✓

You can view details of the options and performance of each luminaire in the ECLATEC LED solutions overview, available to download from our website: www.eclatec.com

DESCRIPTION

Model	ORIENTIS
Luminaire body	Die-cast aluminium Steel tie rods in fixed colour RAL 9006 grey PCB underside in fixed colour RAL 9006 grey
Diffuser	High-clarity polycarbonate (PHC)
Finish	Choice of colours RAL-coloured cover, no white underside
Impact resistance	IK 10
Water resistance	IP 66 protection rating in accordance with EN 60 529
Dimensions (diam. x h)	ø 200; height: 500 mm; version with cover: ø 660
Weight	With cover: 7.6 kg Without cover: 5.8 kg
SCx	With cover: 0.12 m² Without cover: 0.10 kg
Materials list	PEP (Product Environmental Profile) sheet available on request
Electrical class	Class I or II
Ambient temperature	-40°C to +55°C
Pre-wiring	Factory pre-wiring

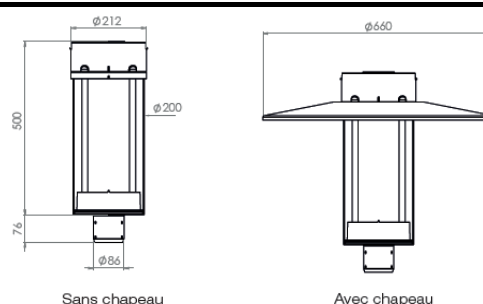
MAINTENANCE

Maintenance of the luminaire	Tool-free opening by removing the top cap by pressing the 2 tabs (cap held in place by a safety cord)
Maintenance of LED light sources	Removal of the LED module via 2 screws after disconnecting the power supply

MECHANICAL INTERFACES

Mounting: Top-of-mast fixing Ø 60 mm or Ø 76 mm
Lg 70 mm, with 6 screws

WIRING



LED SOURCES

Light sources	BLS strips (8 to 16 LEDs) / AXEL (24 LEDs)
Colour temperature (K)	Amber/"1800 K" (U500=1%), 2200 K (U500=6%), 2700 K (U500=10%), 3000 K (U500=11%), 4000 K (U500=17%) (others on request)
IRC	> 70 (others on request)
SDCM Luminaire	<4
LED lifespan	L90 > 100,000 h
Lenses and distributions*	3 symmetrical lenses (ECL, ECa, ECb) 7 asymmetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 6 projection lenses (PFA, PSa, Paa, PFI, PFL, PFM) 2 pedestrian crossing lenses (EPG, EPD) 2 types of optional cut-off
Photobiology	RG1 (3000 K)

* Non-exhaustive list

MAXIMUM PERFORMANCE (see LED overview for other configurations)

	ORIENTIS_AXEL_24LED		
	flux ^(A) at 700 mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
3000 K	7299	51	143
2700 K	6364	51	125
2200 K	5943	51	117

(A) Luminous flux emitted by the luminaire at commissioning (incorporating thermal and optical efficiencies relative to source fluxes) for a given distribution and an ambient temperature of 25°C, in accordance with performance standards IEC 62717 and IEC 62722 (B) Total power consumed by the luminaire, including all electrical equipment, such as the power supply, in accordance with performance standards IEC 62717 and IEC 62722



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Power	220 V / 240 V - 50 Hz / 60 Hz / built-in surge protection 10 kV
Brand	PHILIPS Xitanium Full Prog or INVENTRONICS OSRAM 4 DIM - D4i version: SR, DEXAL or TRIDONIC PRE
Power factor	Greater than 90%
THD	Total harmonic distortion less than 15%
Current	Adjustable constant supply current up to 700mA* (in 1mA steps, within the rated current range specified in the power supply datasheet)
Lifespan	Failure rate: maximum 10% over 100,000 hours
Protocol	DALI or 1-10V protocols

* I>700mA on request

STANDARDS / MARKINGS / CERTIFICATIONS

Compliance	CE, mandatory marking: Directive 2014/35/EU, Low Voltage Directive Directive 2014/130/EU Electromagnetic Compatibility Directive 2011/65/EU Directive 2009/125/EC Ecodesign requirements French Decree on 'limitation of light pollution' of 27 December 2018
	Eligibility for energy saving certificates C.E.E. data sheets, RES-EC-103, RES-EC 104
	NF EN 13201 Relating to lighting studies provided
	REACH Compliance of products and their manufacturing methods with the Regulatory Framework for the Management of Chemical Substances
WEEE	(Waste Electrical and Electronic Equipment): manufacturer's responsibility
ECOSYSTEM	ECLATEC, member

PERFORMANCE WARRANTY

Please refer to the general terms and conditions of sale and the warranty on our website