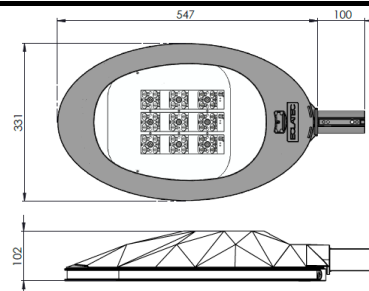


**SMART (options)**

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

Details of the options and performance of each luminaire can be found in the ECLATEC LED solutions overview, which can be downloaded from our website: www.eclatec.com

HARD WIRED**DESCRIPTION**

Model	FACET 1
Luminaire body	Die-cast aluminium Optional brushed stainless steel strip or customised following a study
Bowl	Screen-printed glass plane (white 9003) Optional facet trim, clear transparent or sandblasted interior
Finish	Polyester powder coating, choice of colours
Shock resistance	IK09
Protection rating	IP 66 as per the EN 60 529 standard Extruded silicone seal Luminaire 'breathes' through an active carbon filter Securely fastened cable gland External rust-proofed screws
Dimensions (L x W x H)	547 x 331 x 102 mm
Weight	6.7 kg
SCx	0.045 m²
Electrical rating	Class I or II
Ambient temperature	- 40°C to + 55°C
Pre-wired	Optional
Material assessment	PEP (Product Environmental Profile) sheet available on request

MECHANICAL INTERFACES

LL: with penetrating sleeve for Ø 60 mm exterior mast arm end

TOP: Ø 60 mm top

LRL: with penetrating sleeve for Ø 48-52 mm exterior mast arm end

LRM : with cap sleeve for Ø60 mm mast arm end

SUSPENDED LATERAL: 0° side suspension mount with penetrating sleeve for stock end Ø 60 mm external

MAINTENANCE

Maintenance	Tool-free opening with pallet LED module removable without tools
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LED SOURCES

Sources	BLS strips (up to 36 LEDs)
Colour temperature (K)	Ambre/"1800 K" (U500=1%), 2200 K (U500=6%), 2700 K (U500=10%), 3000 K (U500=11%), 4000 K (U500=17%) (others on request)
CRI	> 70 (others on request)
Luminaire SDCM	<4
LED service life	L90 > 100,000 h
Optics and distributions	3 symmetrical lenses (ECL, ECa, ECb) 7 asymmetric lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 6 floodlight lenses (PFA, PSa, Paa, PFI, PFL, PFM) 2 pedestrian crossing lenses (EPG, EPD) 2 optional barn door types
Photobiology	RG1 (3000 K)

* Partial list

MAXIMUM PERFORMANCES (see LED synoptic for the other configurations)

	FACET 1_3BLS12 (36 LED)		
	Flux ^(A) at 700 mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000K	11584	75	154
3000K	11460	75	153
2700K	10786	75	144
2200K	9437	75	126
Amber/"1800 K	7988	75	107

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



DRIVERS

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	Harmonic distortion of less than 15%
Current	Constant supply current adjustable up to 700mA* (in 1mA steps, within the nominal current range specified on the power supply data sheet)
Service life	Mortality: 10% maximum for 100,000 hours
Protocol	DALI, 1-10 V protocols

* I>700mA on request

STANDARDS / MARKINGS / CERTIFICATIONS

Compliance	CE compulsory marking:
	Directive 2014/35/EU, Low voltage Directive
	Directive 2014/130/EU Electromagnetic Compatibility
	Directive 2011/65/EU
	Directive 2009/125/EC Ecodesign requirements
Qualifies for energy savings certificates	French Order 'limiting light pollution' of 27 December 2018
	E.E.C, RES-EC-103, RES-EC 104 sheets
NF EN 13201	Relative to supplied lighting studies
REACH	Compliance of products and their manufacturing method with the Chemical Substance Management Regulatory framework
WEEE	WEEE (Waste electric and electronic equipment): manufacturer involvement
ECOSYSTEM	ECLATEC is a member

OPERATING GUARANTEE

Read the general terms and conditions of sale and guarantee on our website