

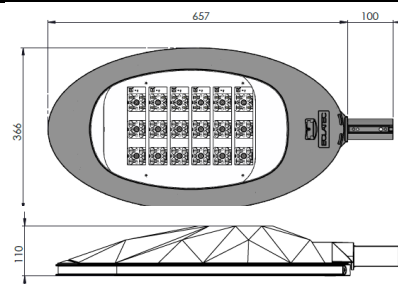


## SMART (options)

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](http://www.eclatec.com)

## HARD WIRED



## DESCRIPTION

<b>Model</b>	FACET 2
	Die-cast aluminium
<b>Luminaire body</b>	Optional brushed stainless steel strip or customised following a study
	Screen-printed glass plane (white 9003)
<b>Bowl</b>	Optional facet trim, clear transparent or sandblasted interior
<b>Finish</b>	Polyester powder coating, choice of colours
<b>Shock resistance</b>	IK09
<b>Protection rating</b>	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
<b>Dimensions (L x W x H)</b>	657 x 366 x 110 mm
<b>Weight</b>	8.2 kg
<b>SCx</b>	0.056 m²
<b>Electrical rating</b>	Class I or II
<b>Ambient temperature</b>	- 40°C to + 55°C
<b>Pre-wired</b>	Optional
<b>Material assessment</b>	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 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

<b>Maintenance</b>	Tool-free opening with pallet LED module removable without tools
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## LED SOURCES

<b>Sources</b>	BLS strips (up to 72 LEDs)
<b>Colour temperature (K)</b>	Ambre/"1800 K" (U500=1%), 2200 K (U500=6%), 2700 K (U500=10%), 3000 K (U500=11%), 4000 K (U500=17%) (others on request)
<b>CRI</b>	> 70 (others on request)
<b>Luminaire SDCM</b>	<4
<b>LED service life</b>	L90 > 100,000 h
<b>Optics and distributions*</b>	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
<b>Photobiology</b>	RG1 (3000 K)

\* Partial list

## MAXIMUM PERFORMANCES (see LED synoptic for the other configurations)

	FACET 2_6BLS12 (72 LED)		
	Flux <sup>(A)</sup> at 600 mA (lm)	Power <sup>(B)</sup> (W)	Efficiency (lm/W)
<b>4000K</b>	19925	125	159
<b>3000K</b>	19711	125	158
<b>2700 K</b>	18553	125	148
<b>2200 K</b>	16232	125	130
<b>Ambre/"1800 K</b>	13740	125	110

(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		STANDARDS / MARKINGS / CERTIFICATIONS	
Power	220 V / 240 V - 50 Hz / 60 Hz / built-in surge protection 10 kV	Compliance	<b>CE compulsory marking:</b>  Directive 2014/35/EU, Low voltage Directive  Directive 2014/130/EU Electromagnetic Compatibility  Directive 2011/65/EU  Directive 2009/125/EC Ecodesign requirements  French Order 'limiting light pollution' of 27 December 2018
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	Qualifies for energy savings certificates	E.E.C, RES-EC-103, RES-EC 104 sheets
Protocol	DALI, 1-10 V protocols	NF EN 13201	Relative to supplied lighting studies Compliance of products and their manufacturing method with the Chemical Substance Management Regulatory framework
* I>700mA on request		REACH	
		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			