



SMART (options)

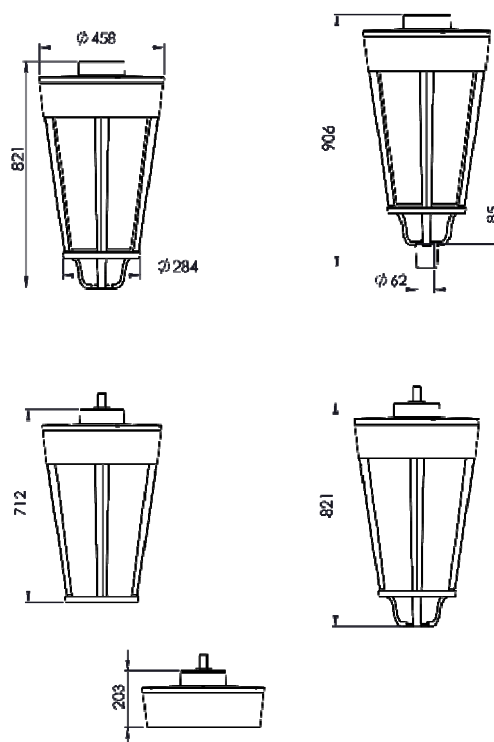
Smart-ready® (ZD4i)	✓
Night-time dimming	✓
Detection	✓
Tunable white / colour temperature variation	✓
WIZARD remote management	✓

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.fr

DESCRIPTION

Model	CELLA
Luminaire body	Cast aluminium body.
Bowl	Polycarbonate and glass
Shock resistance	IK 10
Weatherproofing	IP 66 as per the EN 60 529 standard
Dimensions (diam. x h)	Suspended without frame or clamp: 458 x 203 mm
	Suspended with frame and without clamp: 458 x 712 mm
	Suspended or supported with frame and clamp: 458 x 821 mm
	Supported TOP 60: 458 x 906 mm
Weight	PHC door with smooth hole: 10.3 kg
	PHC top 60 door: 10.7 kg
	VPC door with smooth hole: 9.8 kg
	VPC top 60 door: 10.3 kg
	Suspended PHC with frame and without clamp: 9.9 kg
	Suspended PHC with frame and clamp: 10.6 kg
SCx	Suspended VPC without frame or clamp: 8.7 kg
	Suspended VPC with frame and without clamp: 9.4 kg
	Suspended VPC with frame and clamp: 10.2 kg
	Suspended VPC: 0.06 m²
Material assessment	Suspended VPC with frame: 0.11 m²
	Suspended PHC with frame: 0.2 m²
Electrical rating	Class I and II.
Ambient temperature	- 40°C to + 40°C
Pre-wiring	Pre-wiring

HARD WIRED



LED SOURCES

Sources	1-2-3-4 BLS12 black on black background
Colour temperature (K)	2200 K (U500=6%), 2700 K (U500=10%), 3000 K (U500=11%)(others on request)
CRI	> 70 (others on request)
Luminaire SDCM	< 3
LED service life	L90 > 100,000 h
Optics and distributions*	ERS, ERL, ECa, LRS, LRL, ERE, ETS, PFA, EPD, EPG
Barn Door	Strong
Photobiology	RG1 (3000 K)

* Non exhaustive list

MAXIMUM PERFORMANCE (see LED synoptic for the other configurations)

	CELLA - VPC version with frame/arm 4BLS12 (48LED)		
	Flux ^(A) at 700 mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
3000K	13039	101	129
2700K	11922	101	118
2200K	10804	101	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

MECHANICAL INTERFACES

Supported: Smooth hole fixing for diam. 27 left threading

Fixture at the top of the pole (top 60), locking using 2 M8 screws

Suspended: 27 left threading nipple

**DRIVERS**

Power	220 V / 240 V - 50 Hz / 60 Hz / built-in surge protection 10 kV
Brand	Philips Xitanium Full Prog or OSRAM 4 DIM - option D4i (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

MAINTENANCE

Device maintenance	Opening and closure by 4 screws, support stand Removable equipment board
LED source maintenance	Access to the BLSs after removing the support using 4 screws

OPERATING GUARANTEE

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

STANDARDS / MARKINGS / CERTIFICATIONS

Compliance	<u>CE compulsory marking:</u>
	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
Qualifies for energy savings certificates	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