



DESCRIPTION

Product name	BUZZ
Housing	Injected die cast aluminium bottom and canopy
Bowl	Two polycarbonate bowls: deep clear, deep structured
Finitions	Polyester powder coating 2150 sanded grey, RAL and other colours on the base and canopy are optional
Mechanical impact protection code	IK 10 - 50 Joules
Ingress Protection	IP 66 Extruded silicone gasket on the base, canopy and lower part Cable gland with anchoring device Breathing system with activated carbon filter
Mounting	Post-top fastening on pole Ø 60/62 mm and Ø 76 mm with optional spigot.
Dimensions	Ø 481 x 639 mm
Weight	8 kg
Windage area	0,15 m ²
Electrical class	I or II
Ambient temperature	- 40°C to + 55°C

MAINTENANCE

Maintenance Maintenance of the equipment and sources. Removal of the cover with 4 trapped screws. The ZEDLED C module can be exchanged after quick disconnection of the power supply.

LED SOURCES

Sources	ZEDLED C (12 to 26 LED)
Colour temperature (K)	3000 K, 4000 K
CRI	> 70 (others upon request)
Luminaire SDCM	<4
LED lifetime	L90 > 100 000 h
Optics and light distribution options	1 x symmetrical lenses (ECL) 3 x asymmetrical lenses (ERS, ERL, LRM) 2 types of backlight shield (option)
Photobiology	RG1 (3000 K)

MAXIMUM PERFORMANCES (see annex for all LED modules options)

	BUZZ (Niveau 3E ^(A)) type ZEDLED C2 (26 LED)			BUZZ (Niveau 1E) type ZEDLED C1 (20 LED)		
	Flux ^(A) at 700mA (lm)	Power ^(B) (W)	Efficiency (lm/W)	Flux ^(A) at 700mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	7077	56	126	4178	43	97
3000 K	6669	56	119	3937	43	92
2700 K	6167	56	110	-	-	-
2400 K	5758	56	103	-	-	-
2200 K	5560	56	99	-	-	-
1800 K	3033	56	54	-	-	-

DRIVER

Power	230 V / 240 V - 50 Hz / 60 Hz / pSurge protection 10Kv
Brand	Philips Xitanium Full Prog or OSRAM 4 DIM - D4i option (SR and DEXAL)
Power factor	90% minimum
Total harmonic distortion	15% max
Current	Dimmable current up to 700 mA
Lifetime	10% failure at 100 000 hours
Control	DALI or 1-10V

SMARTLIGHTING (OPTIONS)

Smart-ready®	Pre-configuration, to connect communicating systems with Sensor Ready drivers, to a base in compliance with ZHAGA Book 18. NEMA 7-pin also available
Standalone solutions	Dimming calculator from 2 to 5 slots (Dimming 5, POLEDRIVE or POLEDRIVE Bluetooth) Motion sensor (Motion P) Motion sensor combined with dimming calculator (Motion P) Constant Light Output (CLO) Adjustable driver (POLEDRIVE)
Local Network	Luminaire group: detection through ZIGBEE 3.0 communication protocol or pilot wires.
Telemangement	WIZARD - ECLATEC

STANDARDS / MARKING / CERTIFICATIONS

Compliance	CE marking requirements: - Directive 2014/35/EU, Low voltage Directive - Directive 2014/130/EU Electromagnetic Compatibility - Directive 2011/65/EU Restriction of Hazardous substances (RoHS) - Directive 2009/125/EC Ecodesign requirements
NF EN 13201	In accordance with the lighting calculations issued.
REACH	Products conformity regulatory management of chemicals
WEEE	(Waste Electrical and Electronic Equipment) Manufacturer involvement

WARRANTY

According to our general sales conditions

^(A) Output flux from the luminaire at commissioning (including thermal and optical yields compared to the Flux from sources) for given optics, maximal current and ambient temperature 25°C, as per IEC 62717 and IEC 62722 standards ^(B) Total power absorbed by the luminaire including all electrical equipment, as per IEC 62717 and IEC 62722 standards.