



Elegant. Modern. Efficient.

DOME

Advanced Level: Control. Monitoring.
Innovation.

TECHNICAL SHEET

TECHNICAL SPECIFICATION

DOME

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The URBIO DOME post-top luminaire stands out through its distinctive circular design, featuring a modern and minimalist aesthetic while integrating state-of-the-art LED technology. The multiple optical configurations ensure uniform light distribution with reduced glare, while maintaining high efficiency.

Designed for urban applications, the fixture is suitable for parks, pedestrian areas, public squares, residential zones, and pathways. Its robust construction provides high mechanical resistance, while the sealed optical compartment ensures protection against dust and water ingress.

Compliance



GENERAL INFORMATION

Product family code	UD-[10-60]W-[L24/L48]-[27/30]-LD-TD-[0/N/Z]
Lifespan	100.000 hours
Lumen maintenance code	L90B10
Warranty	5 years

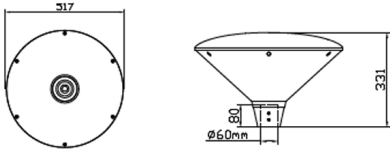
OPTICS

Light source type	LED module
Number of LEDs	24 / 48 pcs.
LED colour temperature	2700K; 3000K;
Color rendering index (CRI)	>70;
Luminous flux (min-max)	lm – lm @25°C – decided after ENEC+ measurements
Luminaire efficacy (min-max)	lm/W – lm/W @25°C – decided after ENEC+ measurements

ELECTRICAL CHARACTERISTICS

Wattage	10W-60W $\pm$ 1%
Nominal voltage	220-240 Vac (50/60 Hz)
Operating temperature (Ta)	-40°C ÷ +50°C
Electrical class	Class I (EU)
Surge protection options	10kV
CLO function / Product lifespan warning	YES
NFC	YES

CONFORMITY	
CE mark	YES
ENEC / ENEC+ mark	pending
RoHS compliant	pending
WEEE compliant	YES
Testing standard	EN 60598-1
	EN 60598-2-3
	EN 62262
	LM 80
Electromagnetic compatibility (EMC)	SR EN 55015, SR EN 61000-3- 2, SR EN 61000-3-3, SR EN 61547, EN 55011 - CISPR 11, IEC-TR-61000-6-2
Zhaga Book18	pending

HOUSING AND MECHANICAL COMPONENTS	
Housing	Aluminium
Recommended installation height	3m - 6m
Optical diffuser	Polycarbonate
Dimensions: 517 x 331 mm	
Weight	max. 8kg
Lens	PMMA
IP Rating	IP66
IK Rating	IK09

DIMMING & CONTROL	
Interface	DALI2-D4I
Connectivity elements	Nema (optional)
	Zhaga (optional)

Field-Installable Internal Light Shield / Louvre
Accessory: light shield / louvre, field-mountable
 after installation to prevent unforeseen light nuisance.

