

HEDO+

OUTDOOR | URBAN | AREA LIGHTING



Subtraction adds value

The primary purpose of urban lighting is to secure safety, fulfil essential functions, enhance landscape design, increase social interaction and wellbeing, and upgrade orientation. This new series makes it all possible for new or improving existing installations, delivering urban and residential lighting with a low environmental impact.

The new HEDO+, restyling of the homonymous series, is one single structure, aesthetically unique, characterised by minimalistic and pure design. The extensive use of voids subordinate HEDO+ to the environment: a crystal clear example where subtraction adds value.

Thanks to the proprietary optics set and the various lumen packages options, HEDO+ FT enables precise and excellent semi-cylindrical illumination to guarantee recognition and safety of pedestrians for all urban context foreseen by current regulations.

The series embraces the needs of the cities of the future through the provision for NEMA and Zhaga Book 18 protocols, interfaces for wireless remote control systems, opening to all future developments of the Internet of Things (IoT) and connected cities. In this way, each public administration can use its management system and platforms in anticipation of further developments on this thematic imagination.

HEDO+

OVERVIEW



HEDO+ 



HEDO+ FT 

Construction

IP		IP65	IP66
IK		IK09 17J xx7	IK08 5J xx5
Dimensions [mm]		H 475 - Ø 330	H 565 - Ø 450
Windage area	EPA - front	0,0069 m²	0,086 m² - 0,09 (Nema)
	EPA - side	0,006 m²	0,159 m²
	EPA - top	-	-
Weight		Max 4 kg	Max 8 kg
Colour		●	●

Installation

Quick		✓	✓
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LED

Lightsource lumen output	3000 K	3150 lm ÷ 5894 lm	2026 lm ÷ 6837 lm
	4000 K	3247 lm ÷ 6140 lm	2094 lm ÷ 7181 lm
Luminaire lumen output	3000 K	2080 lm ÷ 3710 lm	1591 lm ÷ 4924 lm
	4000 K	2145 lm ÷ 3865 lm	1697 lm ÷ 5189 lm
CCT - Correlated Color Temperature		3000 K - 4000 K	3000 K - 4000 K
CRI / SDCM (macadam step)		80/5	70/3
Lifetime		L80B10@100000h	L90B10@100000h

Optic

C/EW extra wide circle reflector	C/EW	C/EW
SR/075 road reflector	-	SR/075

Electrical

Wattage	23 W - 42 W	14 W - 18 W - 19 W - 25 W - 27 W 34 W - 36 W - 40 W - 43 W
Class	I	II
Ta MAX° luminarie	50°C	55°C ÷ 45°C
Ta MIN° luminarie	-20°C	-20°C
Dimmable 1-10 V	-	-
Dimmable DALI	✓	-
CO ₅ φ ≥ 0,9	✓	✓
SPD (10kV)	✓	✓

Control systems

Automatic derating	✓	✓
Pilot wire command derating	(on request)	(on request)
Constant light output	-	(on request)

● AN-96 / Anthracite gray / Textured

HEDO+

design by ROBERTO FIORATO



Post-mounting outdoor luminaire, comprising:

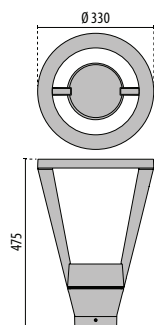
- Die-cast aluminium housing chemically pre-treated and painted with polyester powder coating
- Painted die-cast aluminium pole-mounting joint for pole Ø 60 mm or 76 mm
- Flat, microprismatic tempered glass diffuser, screen-printed on the inner surface
- High resiliency anti-ageing silicone gasket with high elastic return capacity
- Electrical connection with outdoor rated plug & socket quick connector (IP66) that allows connection to mains without opening the luminaire. Made in PA66 with silver-plated brass contacts, for cables Ø 9 - Ø 12

mm

- Light beam obtained by the combination of multiple LED modules
- Compliant with the UNI 10819 Standard and with the Italian regional laws on light pollution
- Stainless steel external screws
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV
- Consult factory for other colour temperatures and colour rendering index
- Photometric data measure according to UNI EN 13032-4 and IES LM-79-08



● AN-96 / Anthracite gray / Textured



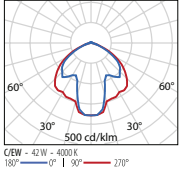
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www.performanceinlighting.com
for the latest updated versions available.



C/EW

HEDO+ C/EW

IK09 17J xx7



Power LED 220-240 V 50/60 Hz

WATTAGE	CLASS	CE	CRI	KELVIN	COS Ø ≥ 0.9	OPTIC	OPTIC BEAM	LIGHTSOURCE LUMEN OUTPUT	LUMINAIRE LUMEN OUTPUT	L	B	LIFETIME	COLOR/ RAL	PART NUMBER	EURO
42 W	I	-	80	4000	✓	C/EW	-	6140 lm	3865 lm	80	10	100000 h	●	3104691	438,00
42 W	I	-	80	3000	✓	C/EW	-	5894 lm	3710 lm	80	10	100000 h	●	3104689	438,00
23 W	I	-	80	4000	✓	C/EW	-	3247 lm	2145 lm	80	10	100000 h	●	3104685	418,00
23 W	I	-	80	3000	✓	C/EW	-	3150 lm	2080 lm	80	10	100000 h	●	3104683	418,00

Power LED - dimmable DALI 220-240 V 50/60 Hz

42 W	I	-	80	4000	✓	C/EW	-	6140 lm	3865 lm	80	10	100000 h	●	3104692	498,00
42 W	I	-	80	3000	✓	C/EW	-	5894 lm	3710 lm	80	10	100000 h	●	3104690	498,00
23 W	I	-	80	4000	✓	C/EW	-	3247 lm	2145 lm	80	10	100000 h	●	3104686	478,00
23 W	I	-	80	3000	✓	C/EW	-	3150 lm	2080 lm	80	10	100000 h	●	3104684	478,00

OPTIONAL ACCESSORIES

DESCRIPTION	COLOR	PART NUMBER	EURO
HEDO			
Ø 76 mm x H 3 m (2,6 m above ground) root mounting poles in aluminium finished quartz grey.	●	14075096	140,00
AISI 316 stainless steel floor installation base.		14083120	399,00

