

# HEDO+ FT C/EW NEMA

Part number 3106063



## Description

Pole-top mounted outdoor luminaire, comprising:

- Die-cast aluminium housing, polyester powder coat finish ISO 9227/12944 - ISO 9223 (C5)
- Coated die-cast aluminium pole-top adaptor for pole Ø 60 / 76 mm
- Extra clear, toughened, flat glass diffuser
- Anti-ageing custom moulded silicone sealing gasket(s) with resilient elastic return capacity
- The IP66-rated socket-plug fast connector for mains connection without opening the luminaire. Made in PA66 with silver-plated brass contacts for cables Ø 9 - Ø 12 mm
- UNI 10819 light pollution standards compliant (0% ULOR rating)
- Stainless steel locking hardware
- Integral surge protection device (SPD) against mains overvoltages up to 10 kV (CM/DM)
- Complete with NEMA socket connected to DALI driver and waterproof short-circuit cap for On/Off operation mode and SMART-compatible mounting solutions (NEMA options)
- Other colour temperatures (CCT) and colour rendering index (CRI) options available. Consult factory
- Design by ROBERTO FIORATO
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## Product data

ETIM Group:	EG000027	ETIM Class:	EC000062
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## General information

Lampholder:	LED	Light source:	LED
Lightsource lumen output [lm]:	4175	Luminaire lumen output [lm]:	3024
Luminaire wattage [W]:	25 W	Luminous efficacy [lm/W]:	121
CRI:	70	Colour temperature [K]:	4000
Colour / Finishing:	AN-g6 / Anthracite gray / Textured	IP degree of protection:	IP66
Impact resistance / impact energy:	IK08 5J xx5	Protection class:	II
Optic:	C/EW - Circular Extra-Wide	Net weight [kg]:	7
Overall diameter [mm]:	450	Overall height [mm]:	625

## Mechanical features

Shape:	Round $\geq$ 300 mm	Housing material:	Aluminium
Diffuser material:	Glass	Glow wire test [°C]:	650 °C
Frontal exposed area [m <sup>2</sup> ]:	0.09	Lateral exposed area [m <sup>2</sup> ]:	0.09
Top exposed area [m <sup>2</sup> ]:	0.16		

## Electrical features

Voltage type:	AC/DC	Input voltage [V AC]:	220/240
Input frequency [Hz]:	0/50/60	Power factor / COS $\Phi$ :	>0.9
Input voltage [V DC]:	176/276	Surge protection   Differential [kV]:	10.000000
Inrush current [A/ $\mu$ s]:	26 / 180	C10 1.5 mm <sup>2</sup> :	29
C16 2.5 mm <sup>2</sup> :	46	B10 1.5 mm <sup>2</sup> :	17
B16 2.5 mm <sup>2</sup> :	28		

## Installation

Application area:	Outdoor lighting	Mounting type:	Urban light
Min. ambient temperature [°C]:	-20	Max. ambient temperature [°C]:	50
Min. distance from lighted object [m]:	1.00		

## Light features

MacAdam:	3	Lumen maintenance:	L90B10@100000h
Distribution of light emission:	Direct	Luminous Intensity Class:	G'6
Zero light pollution (ULR = 0%):		IPEA* (road lighting):	A5+
IPEA* (large areas, roundabouts):	A6+	IPEA* (cycle-pedestrian):	A5+
IPEA* (green areas):	A5+	IPEA* (historic city centers):	A9+

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## Photometric data

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