

# HEDO+ FT SR/075 ZHAGA

Part number 3113876



## 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 ZHAGA socket positioned on the upper part of the luminaire (UP position) and D4i driver. Ready for "radio frequency node" smart, twilight and other compatible solutions (ZHAGA options). Consult factory for more 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 |
|-------------|----------|-------------|----------|

## General information

|                                    |                                    |                              |       |
|------------------------------------|------------------------------------|------------------------------|-------|
| Lampholder:                        | LED                                | Light source:                | LED   |
| Lightsource lumen output [lm]:     | 3942                               | Luminaire lumen output [lm]: | 3176  |
| Luminaire wattage [W]:             | 27 W                               | Luminous efficacy [lm/W]:    | 118   |
| 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:                             | SR/075 - Street                    | Net weight [kg]:             | 8.179 |
| Overall diameter [mm]:             | 450                                | Overall height [mm]:         | 595   |

## Mechanical features

|                            |                     |                            |           |
|----------------------------|---------------------|----------------------------|-----------|
| Shape:                     | Round $\geq 300$ mm | Housing material:          | Aluminium |
| Diffuser material:         | Glass               | Glow wire test [°C]:       | 650 °C    |
| Frontal exposed area [m²]: | 0.09                | Lateral exposed area [m²]: | 0.09      |
| Top exposed area [m²]:     | 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]:                 | 176/264   | Surge protection   Common [kV]: | 10.000000 |
| Surge protection   Differential [kV]: | 10.000000 | Inrush current [A/ $\mu$ s]:    | 20 / 346  |
| C10 1.5 mm²:                          | 18        | C16 2.5 mm²:                    | 28        |
| B10 1.5 mm²:                          | 11        | B16 2.5 mm²:                    | 17        |

## Installation

|                                        |                  |                                |             |
|----------------------------------------|------------------|--------------------------------|-------------|
| Application area:                      | Outdoor lighting | Mounting type:                 | Urban light |
| Min. ambient temperature [°C]:         | -40              | 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*4            |
| Zero light pollution (ULR = 0%):  |        | IPEA* (road lighting):         | A6+            |
| IPEA* (large areas, roundabouts): | A7+    | IPEA* (cycle-pedestrian):      | A5+            |
| IPEA* (green areas):              | A5+    | IPEA* (historic city centers): | A10+           |

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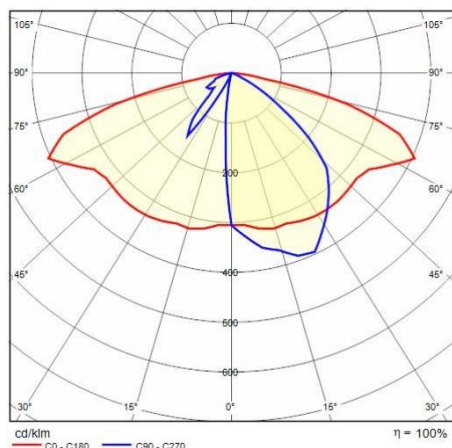
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## Photometric data

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