

# HEDO+ FT SR/075

Part number 3104741



## 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)
- 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]:     | 2740                               | Luminaire lumen output [lm]: | 2109 |
| Luminaire wattage [W]:             | 19 W                               | Luminous efficacy [lm/W]:    | 111  |
| CRI:                               | 70                                 | Colour temperature [K]:      | 3000 |
| 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]:             | 6.9  |
| Overall diameter [mm]:             | 450                                | Overall height [mm]:         | 565  |

## 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        | Input voltage [V AC]:           | 220/240  |
| Input frequency [Hz]:                 | 50/60     | Power factor / COS $\Phi$ :     | >0.9     |
| Input voltage [V DC]:                 | 170/276   | Surge protection   Common [kV]: | 4.000000 |
| Surge protection   Differential [kV]: | 10.000000 | Inrush current [A/ $\mu$ s]:    | 10 / 200 |
| C10 1.5 mm²:                          | 31        | C16 2.5 mm²:                    | 51       |
| B10 1.5 mm²:                          | 18        | B16 2.5 mm²:                    | 30       |

## Installation

|                                        |                  |                                |             |
|----------------------------------------|------------------|--------------------------------|-------------|
| Application area:                      | Outdoor lighting | Mounting type:                 | Urban light |
| Min. ambient temperature [°C]:         | -20              | Max. ambient temperature [°C]: | 55          |
| 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):         | A4+            |
| IPEA* (large areas, roundabouts): | A4+    | IPEA* (cycle-pedestrian):      | A3+            |
| IPEA* (green areas):              | A3+    | IPEA* (historic city centers): | A7+            |

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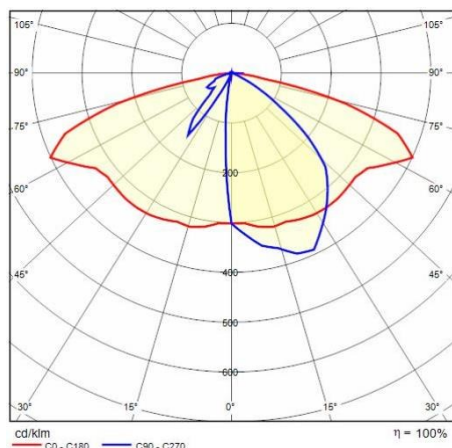
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## Photometric data

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