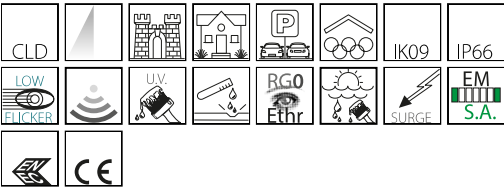


1887 - Rodio - asymmetric

Code: 414755-00



Versatility, efficiency and outstanding light quality define the Rodio family, a range of floodlights available in different wattages and optical distributions to meet every application requirement. Ideal for enhancing architectural façades, complementing street lighting, illuminating sports facilities and residential areas, Rodio floodlights provide a reliable solution for any outdoor lighting project. The range includes versions with asymmetric, narrow-beam and wide-distribution optics, as well as specific diffused and street-lighting distributions, ensuring maximum design flexibility.



GENERAL INFORMATION

|         |                           |
|---------|---------------------------|
| Article | 1887 - Rodio - asymmetric |
| Code    | 414755-00                 |

DIMENSIONS AND WEIGHT

|             |        |
|-------------|--------|
| Length (mm) | 449 mm |
| Width (mm)  | 333 mm |
| Height (mm) | 77 mm  |
| Weight (Kg) | 5 kg   |

INSTALLATION

|                              |                           |
|------------------------------|---------------------------|
| Surface exposed to wind (mm) | L 30000 mm², F 112400 mm² |
|------------------------------|---------------------------|

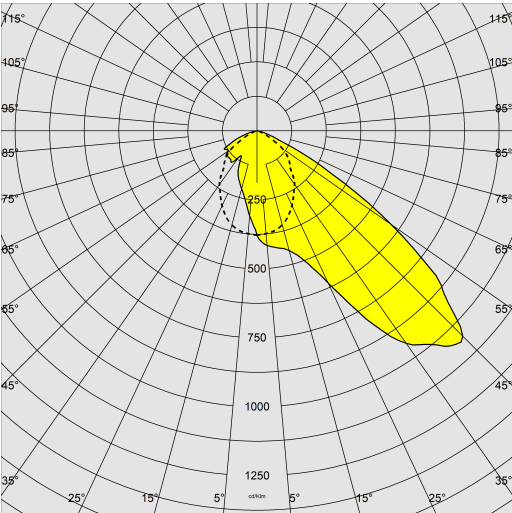
ELECTRICAL CHARACTERISTICS AND CONTROLS

|                                     |            |
|-------------------------------------|------------|
| Voltage type                        | AC         |
| Min Voltage (V)                     | 220 V      |
| Max Voltage (V)                     | 240 V      |
| Min Frequency (Hz)                  | 50 Hz      |
| Max Frequency (Hz)                  | 60 Hz      |
| Frequency (Hz)                      | 50 Hz      |
| Wiring name                         | CLD        |
| Power factor                        | ≥0.9       |
| Surge protector (common) (EN 61547) | 6 kV, 6 kV |
| Insulation class                    | Class I    |
| Controllability                     | None       |

1887 - Rodio - asymmetric

Code: 414755-00

PHOTOMETRIC DATA



|                              |                                                                                      |
|------------------------------|--------------------------------------------------------------------------------------|
| Distribution type            | Asymmetric                                                                           |
| Lighting source              | LED                                                                                  |
| CRI                          | 80                                                                                   |
| Luminous flux (output) (lm)  | 12000 lm                                                                             |
| Power absorption (total) (W) | 75 W                                                                                 |
| CCT                          | 4000 K                                                                               |
| Luminous efficacy (lm/W)     | 160 lm/W                                                                             |
| Low Flicker                  | luminaire with very low flicker: evenly distributed light for greater visual safety. |
| Colour consistency           | SDCM4                                                                                |
| Asymmetry degrees            | 45 °                                                                                 |
| LED flux maintenance         | 100000 hr, L 90, B 10                                                                |

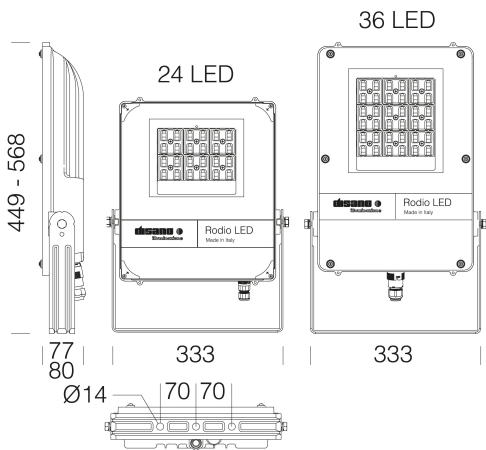
MECHANICAL CHARACTERISTICS

|                               |        |
|-------------------------------|--------|
| Impact resistance rating (IK) | IK09   |
| IP                            | 66     |
| Ambient temperature - min     | -40 °C |
| Ambient temperature - max     | 65 °C  |

1887 - Rodio - asymmetric

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MATERIALS AND COLOURS



DOWNLOAD

MOUNTS

AssemblyInstructions rodio 05-24.pdf

DESIGNS

BIM 1887 asymmetric 11-23.zip

TechnicalDrawing 1887.dxf

TechnicalDrawing3D disano 1887 rodio 36 led.3ds



|                                |                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Housing                        | in die-cast aluminium with cooling fins integrated in the cover.                                                                                                                                                                                                                                                                                     |
| Optics                         | in high-performance PMMA resistant to high temperatures and UV rays.                                                                                                                                                                                                                                                                                 |
| Diffuser                       | tempered glass, 5 mm thick, resistant to thermal shock and impact (UNI EN 12150-1:2001).                                                                                                                                                                                                                                                             |
| Heat sink                      | the heat sink is designed and made to allow the LEDs to operate at temperatures capable of ensuring excellent performance/output and long service life.                                                                                                                                                                                              |
| Coating                        | the fully automated powder-coating cycle involves a polyester-based, salt-spray corrosion-resistant and UV-stabilised paint.                                                                                                                                                                                                                         |
| Special coating (UPON REQUEST) | <ul style="list-style-type: none"><li>- Upon request: protective coating recommended for marine environments within 5 km (3 miles) of the sea.</li><li>- Upon request: conformal coating compliant, subcode -38 with high chemical resistance for environments with a high concentration of chlorine</li></ul>                                       |
| Colour                         | Graphite                                                                                                                                                                                                                                                                                                                                             |
| Equipment                      | <ul style="list-style-type: none"><li>- with galvanised and painted bracket</li><li>- waterproof connector for quick installation with no need to open the fixture</li><li>- EN 61547 compliant surge protection</li><li>- anti-condensation valve</li><li>- silicone rubber gasket</li><li>- external screws and bolts in stainless steel</li></ul> |

EMERGENCY LIGHTING

|                             |             |
|-----------------------------|-------------|
| Emergency power supply type | Not present |
|-----------------------------|-------------|

STANDARDS AND COMPLIANCE

|                              |                                                                                                                                                                                                                     |
|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Photobiological safety class | RG0 Ethr                                                                                                                                                                                                            |
| Markings and tests           | CE, ENEC                                                                                                                                                                                                            |
| Reference standards          | EN60598-1. They have a degree of protection according to the EN60529 standard. Version -0050: device designed for power supply with centralized emergency system (AC/DC) in accordance with standard EN 60598-2-22. |
| Energy Label                 | C                                                                                                                                                                                                                   |

GEAR

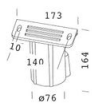
|              |                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Sensors      |                                                                                                                                                                                                                                                                                                                                                                                                             |
| Upon request | <ul style="list-style-type: none"><li>- protection of up to 10kV. Virtual midnight (subcode -30)</li><li>- amber LED (subcode -73 - 2200K)</li><li>- possibility of central light management or with external presence/light sensors.</li><li>special version (with conformal coating treatment with subcode -38) featuring high chemical resistance for environments with high chlorine content.</li></ul> |

WARRANTY

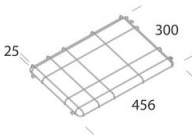
|                      |      |
|----------------------|------|
| After sales warranty | 5 yr |
|----------------------|------|

1887 - Rodio - asymmetric

Code: 414755-00



334 Connection for diam. 76 pole



350 Protection grid - Rodio 36LED



333 Connection for diam. 60 pole



350 Protection grid - Rodio 12-24LED