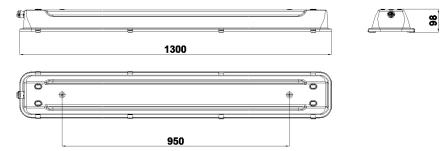
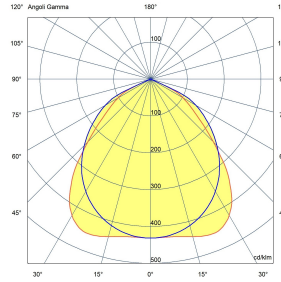




**SERIES RINO LED  
FIXTURE**  
**CODE 841782**



### Datasheet

#### Lighting characteristics

|                               |  |
|-------------------------------|--|
| Output flux                   | 13,871 lm  |
| Luminous flux (TJ=25°C)       | 16,750 lm  |
| Luminaire power               | 83 W   |
| Output efficiency             | 167 lm/W   |
| Color temperature             | 4000K  |
| Optics type                   | Anti aging and UV resistant PMMA Lenses with efficiency >90% and transparency >95% |
| Optics                        | Symmetrical wide comfort 88°   |
| CRI                           | >80  |
| Color shift                   | 4 MacAdam Step   |
| Photobiological risk EN 62471 | RG0 - Exempt Group   |
| UGR index                     | <22  |
| Flicker free                  | < 3%   |
| Life time                     | L80 B10 @90.000h Tq=25°C   |
| Emergency function            | -  |

#### Electrical characteristics

|                        |   |
|------------------------|---|
| Insulation Class       | I   |
| Supply Voltage         | 220-240V 50/60Hz AC/DC 0/50/60Hz  |
| Control system/dimming | Standard on-off   |
| Surge protection       | 2kV common mode/differential mode   |
| Power factor           | >0,95   |
| Hole type              | 3 poles connector   |
| Max conductor section  | 1.5 mm²   |
| Tightening diameter    | Min 7 mm; Max 13 mm   |
| Equipment Included     | pair of stainless steel AISI 304 hooks (code 820011) power supply connector |

#### Mechanical characteristics

|                           |  |
|---------------------------|--|
| Manufacturing material    | Galvanized and painted steel                     |
| Treatment type            | Galvanizing with passivation                     |
| Surface finishing         | Atoxic, anti UV polyester paint oven polymerized |
| Colour                    | White RAL 9016                                   |
| Diffuser type             | Extraclear tempered glass 4 mm                   |
| IP Protection degree      | IP66   |
| Shock resistance          | IK09 according to IEC/EN 62262                   |
| Corrosivity category      | C5(M)/C4(H) (ISO 12944)                          |
| Mounting system           | Coppia golfari inox                              |
| Net Weight                | 6.3 KG   |
| Working Environment Temp. | Min: -30°C ;Max: +45°C                           |
| Warehousing Temperature   | Min: -40°C ;Max: +70°C                           |

#### Reference Standards and Directives

|                                  |   |
|----------------------------------|---|
| Warranty                         | 2 years extendable to 7   |
| Certification and approval marks | UKCA, CE  |
| Directives                       | 2009/125/EC (ERP), 2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/30/EU (EMC), 2014/35/EU (LVD), Reg. EU 2019/2020 (EcoDesign)  |
| Reference Standards              | EN 60598-2-24:2013, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN 62311:2008, EN 62471:2008, EN 62493:2015, EN IEC 55015:2019, EN IEC 55015:2019/A11:2020, EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN IEC 60598-2-1:2021, EN IEC 60598-2-22:2022, EN IEC 63000:2018, IEC TR 62778:2014 |

The images are purely indicative. The indicated values of luminous flux and declared power have tolerances of +/- 7%. Palazzoli reserves the right to make changes without notice.