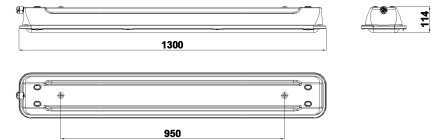
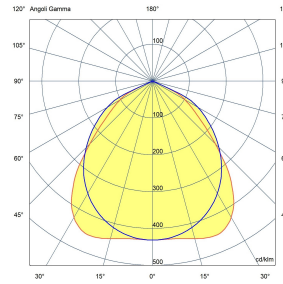




**SERIES RINO LED  
FIXTURE  
CODE 826383**



Model Code : RINOLED RL-E31-13-TPC-304-35-096-00-80-40-500-WBC-000



### Datasheet

#### Lighting characteristics

|                               |  |
|-------------------------------|--|
| Output flux                   | 7,072 lm   |
| Luminous flux (TJ=25°C)       | 8,200 lm   |
| Luminaire power               | 52 W   |
| Output efficiency             | 136 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                   | 3 MacAdam Step   |
| Photobiological risk EN 62471 | RG0 - Exempt Group   |
| UGR index                     | <22  |
| Flicker free                  | < 3%   |
| Life time                     | L80/B10 @50.000h Tq=25°C   |
| Emergency function            | Internal battery duration 3h recharge 24h  |
| Emergency flux                | 940 lm   |

#### Electrical characteristics

|                        |                                   |
|------------------------|-----------------------------------|
| Insulation Class       | I                                 |
| Supply Voltage         | 220V-240V 50/60Hz                 |
| Control system/dimming | Standard on-off                   |
| Surge protection       | 2kV common mode/differential mode |
| Power factor           | >0,95                             |
| Hole type              | 5 poles connector                 |
| Max conductor section  | 1.5 mm <sup>2</sup>               |
| 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    | Stainless steel AISI 304       |
| Treatment type            | Natural finishing              |
| Surface finishing         | -                              |
| Colour                    | -                              |
| Diffuser type             | UV stabilized polycarbonate    |
| IP Protection degree      | IP66                           |
| Shock resistance          | IK09 according to IEC/EN 62262 |
| Corrosivity category      | Equivalent to C5-H (ISO 12944) |
| Mounting system           | Coppia golfari inox            |
| Net Weight                | 4.15 KG                        |
| Working Environment Temp. | Min: +5°C ;Max: +35°C          |
| Warehousing Temperature   | Min: 0°C ;Max: +50°C           |

#### Reference Standards and Directives

|                                  |  |
|----------------------------------|--|
| Warranty                         | 2 years extendable to 7  |
| Certification and approval marks | CE, UKCA, ENEC 05, HACCP   |
| 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 60598-2-22:2022, 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.