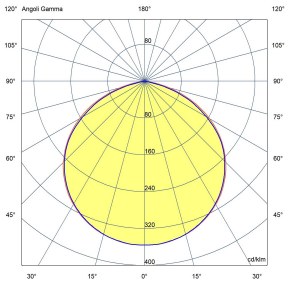
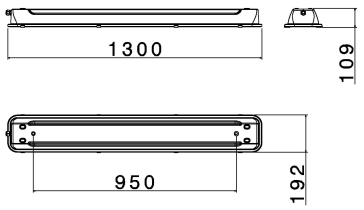
RINOLED-EX STAINLESS STEEL-GLASS L1300 LIGHTING FIXTURE 46W WIDE BEAM IP65/IP66 2G2D

SERIES RINO LED-EX HIGH BAY

CODE 821572EX





Model Code : RINOLED-EX RL-Z1-EXN0-13-TGL-304-3560-192S-00-80-40-325-000-PL20-1000-000

Datasheet

Lighting characteristics

Output flux	6,831 lm
Luminous flux (TJ=25°C)	8,200 lm
Luminaire power	46 W
Output efficiency	145 lm/W
Color temperature	4000K
Optics type	Silicon resin anti aging and UV resistance with efficiency > 95%
Optics	Symmetrical wide 110°
CRI	CRI>=80 (typical - tolerances according to EN62717)
Color shift	4 MacAdam Step
Photobiological risk EN 62471	RG0 - Exempt Group
UGR index	-
Flicker free	< 1%
Life time	L80 B10 @90.000h Tq=25°C
Emergency function	-
Emergency flux	-

Electrical characteristics

Insulation Class	I
Supply Voltage	220-240V~ - 180-240Vdc 0/50/60Hz
Control system/dimming	Standard on-off
Surge protection	8kV common mode 6kV differential mode
Power factor	>0,95
Hole type	Terminal block with cable gland M20
Max conductor section	1.5 mm^2
Tightening diameter	Min 10 mm; Max 14 mm

Equipment Included	Pair of stainless steel eyebol

Mechanical characteristics

Manufacturing material	Stainless steel AISI 304
Treatment type	Natural finishing
Surface finishing	-
Colour	-
Diffuser type	Extraclear tempered glass 5 mm
IP Protection degree	IP65
Shock resistance	7J Body / 4J Glass (IEC 60079-0)
Corrosivity category	Equivalent to C5-H (ISO 12944)
Mounting system	Coppia golfari inox
Net Weight	7,229 G
Working Environment Temp.	Tmin: -35°C ; Tmax1: +60°C ; Tmax2: +50°C
Warehousing Temperature	Tmin: -40 °C ; Tmax: +75 °C

Atex characteristics

ATEX application zone	Zona/Zone 1, 2, 21 and 22
Dust Atex execution (Tmax1)	II 2D - Ex tb IIIC T85°C Db
Gas Atex execution (Tmax1)	II 2G - Ex eb mb IIC T5 Gb
Dust Atex execution (Tmax2)	II 2D - Ex tb IIIC T85°C Db
Gas Atex execution (Tmax2)	II 2G - Ex eb mb IIC T6 Gb

Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	CE, UKCA, IECEx, EX
Directives	2011/65/EU (RoHS), 2012/19/EU (WEEE), 2014/30/EU (EMC), 2014/34/EU (ATEX)
Reference Standards	EN 60079-18:2015, EN 60079 -18:2015/A1:2017, EN 60079-31:2014, EN 60079-7:2015, EN 60079-7:2015/A1:2018, EN 60598-2-1:2021, EN 60598-2-22:2022, EN 60598-2-24:2013, EN 61000-3-2:2014, EN 61000-3-3:2013, EN 61547:2009, EN IEC 55015:2019, EN IEC 55015:2019/A11:2020, EN IEC 60079-0:2018, EN IEC 60598 -1:2021, EN IEC 63000:2018

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.

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