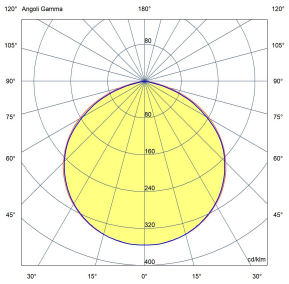
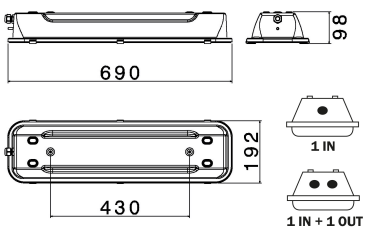
RINOLED-EX STAINLESS STEEL-GLASS L690 LIGHTING FIXTURE 71W WIDE BEAM IP65/IP66 2G2D

SERIES RINO LED-EX HIGH BAY

CODE 821472EX





Model Code : RINOLED-EX RL-Z1-EXN0-69-TGL-304-3535-192S-00-80-40-500-000-PL20-1011-000

Datasheet

Lighting characteristics

Output flux	9,623 lm
Luminous flux (TJ=25°C)	11,550 lm
Luminaire power	71 W
Output efficiency	136 lm/W
Color temperature	4000K
Optics type	Silicon resin anti aging and UV resistance with efficiency > 95%
Optics	Symmetrical wide 110°
CRI	>80
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
Conductors section (Cu)	Min: 1 ;Max: 2.5 mm²
Tightening diameter	Min 10 mm; Max 14 mm

Equipment Included	Cable gland ATEX M20, pair of stainless steel AISI 304 hooks (code 820011) power supply connector, 2 ATEX M20 caps

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
Additional IPdegree protection	IP66 (ONLY FOR IEC 60598-1)
Shock resistance	7J Body / 4J Glass (IEC 60079-0)
Corrosivity category	Equivalent to C5-H (ISO 12944)
Mounting system	Pair of steel hooks
Net Weight	5.12 KG
Working Environment Temp.	Tmin: -35°C ; Tmax1: +35°C ; Tmax2: -
Warehousing Temperature	Tmin: -40 °C ; Tmax: +75 °C

Atex characteristics

ATEX application zone	Zones 1-2-21-22
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 -
Gas Atex execution (Tmax2)	II 2G - -
Atex execution MINES	-

Reference Standards and Directives

Warranty	2 years extendable to 7
Certification and approval marks	IECEx, CE, 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 60598-2-24:2013, 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 60598-2-1:2021, EN IEC 60598-2-22:2022, EN IEC 63000:2018

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