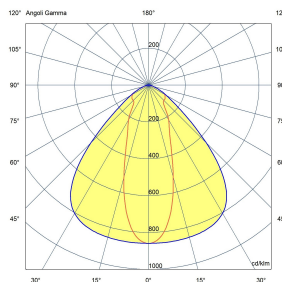




**SERIES RINO LED-EX  
LINEAR FIXTURE**  
**CODE 820492EX**



Model Code : RINO LED RL-EXN0-13-TGL-304-55-144-00-80-40-500-NBD-PL-1000-000



### Datasheet

#### Lighting characteristics

Output flux	9525 lm
Luminous flux (TJ=25°C)	12260 lm
Luminaire power	75W
Output efficiency	127 lm/W
Color temperature	4000 K
Optics type	Anti aging and UV resistant PMMA Lenses with efficiency >90% and transparency >95%
Optics	Simmetrica concentrante comfort 30°X90°
CRI	CRI >=80 (typical - tolerances according to EN62717)
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	-
Emergency flux	-

#### Electrical characteristics

Insulation Class	I
Supply Voltage	220-240V~ - 180-240Vdc 0/50/60Hz
Control system/dimming	Standard on-off
Surge protection	2kV common mode/differential mode
Power factor	>0,95
Hole type	Terminal block with cable gland M20
Conductor section max	1,5 mmq
Tightening diameter	Min 10 mm; Max 14 mm

#### Mechanical characteristics

Manufacturing material	Stainless steel AISI 304
Treatment type	NATURAL FINISHING
Surface finishing	-
Colour	-
Diffuser type	Extraclear tempered glass 5 mm
Protection degree	IP65
Shock resistance	IK09 second IEC/EN 62262
Corrosion class	C4 (ISO 9223)
Mounting system	Coppia golfari inox
Net Weight	7.755 KG
Working Environment Temp.	Min: -35°C ;Max: +55°C
Warehousing Temperature	Min: -40 °C ;Max: +75 °C

#### Atex characteristics

ATEX application zone	Zona/Zone 2, 21 and 22
Dust ATEX execution	II 2D - Ex tb IIIC T85°C Db
Gas ATEX execution	II 3G - Ex ec mc IIC T5 Gc

#### Warranties, Reference Standards and Directives

Warranty	2 years extendable to 5
Certification and approval marks	EX, IECEx, CE
Directives	2012/19/EU (WEEE), 2014/30/EU (EMC), 2011/65/EU (RoHS), 2014/34/EU (ATEX)
Reference Standards	EN 60598-2-24:2013, EN 60079-18:2015, EN 61547:2009, EN 60598-1:2015, EN 61000-3-2:2014, EN 60598-2-22:2014/AC:2015, EN 60079 18/A1:2017, EN 62493:2015, EN 60598 1:2015/AC:2016, EN 60598-2-1:1989, EN 60598 1:2015/AC:2015, EN 60079-7:2015, EN 63000:2018, EN 60598-2-22:2014, EN 61000-3-3:2013, EN 60598 1:2015/A1:2018, EN 60598-1:2015/AC:2017, EN 60079-0:2018, IEC TR 62778:2014, EN 60079 31:2014, EN 62471:2008, EN 55015:2013, EN 62311:2008



Note :

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.