

RINO-EX Series

Zones 2, 21, 22

LIGHTING FIXTURES IN STAINLESS STEEL



	GAS			DUST		
ZONE	0	1	2	20	21	22
USABLE			X		X	X

Watertight light fixtures in aluminium alloy suitable for applications in explosion hazardous areas as defined in ATEX Directive 2014/34/EU.

The body of the light fixture is treated with ecological anti-corrosion passivation with fluoro-zirconium and finished with hot polymerised scratch-resistant non-toxic non-ageing polyester painting. The colour of the body is light grey RAL 7035. The diffuser is in prismatic tempered glass. The steel wire protection cage is RAL 2011 deep orange and is attached to the body by means of stainless steel screws while the sealing is guaranteed by a reinforced gasket in non-ageing elastomer. Predisposed for entry through an M20 cable gland. Complete with internal and external earth screw.

Compliance with standards
Directive ATEX 2014/34/EU
EN 60079-0
EN 60079-15
EN 60079-31
Directive 2014/35/EU
EN 60598-1
EN 60598-2-1
Directive 2011/65/EU
EN 50581

ATEX execution
Ex II 3G 2D
Ex nA IIC T3 Gc
Ex tb IIIC T 75/85/90 °C Db

Casing material **Aluminium alloy**

Surface treatment **Passivation with fluoro-zirconium treatment**

Paint **Hot polymerised non-toxic, non-ageing polyester**

Colour
RAL 7035 (light grey)
Back box
RAL 2011 (deep orange)
Protection cage

Diffuser material **Prismatic tempered glass**

Protection rating (IP according to IEC/EN 60529) **IP65**

Protective cage material **Painted tropicalized steel wire**

Supply voltage **230V**

Operating frequency **50-60Hz**

Max conductor cross-section **2,5 mm²**

Entry cable diameter **10 - 14 mm**

Lamp holder type **E27 in porcelain**

Insulation class **I**

Operating temperature **-20°C ÷ +40°C**



Technical data sheets updated to new standards on palazzoli.com website

SUITABLE FOR ZONES 2 (GAS) AND 21-22 (DUST)



Oval light fixtures
in aluminium alloy
with steel protective cage
IP65

Power (W)	Dimensions (mm)	Palazzoli code	Pack Qty
18	199x112	831072EX	1
28	226x130	831172EX	1
53	295x170	831272EX	1

Equipment included: internal and external earth screw and cable gland.

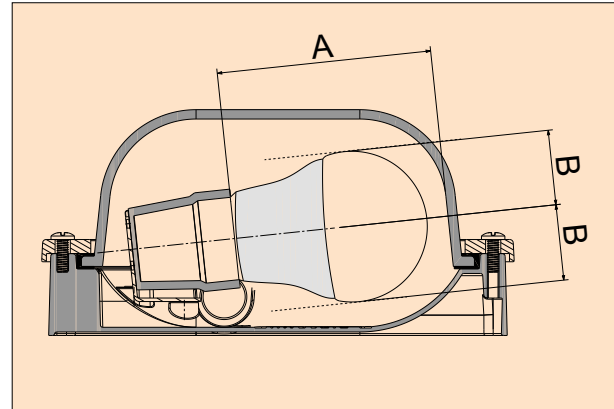


Round light fixtures
in aluminium alloy
with steel protective cage
IP65



Power (W)	Dimensions (mm)	Palazzoli code	Pack Qty
28	200x182	830072EX	1

Equipment included: internal and external earth screw and cable gland.

Light fixture/lamp selection



Dimensions

Type bulb	Power halogen lamps* (W)	A (mm)	B (mm)
	18	90	38
	28	110	40
	53	168	43
	28	90	38

*The certification is valid only with the use of halogen lamps.