



## RINO-EX: BULK TERMINALS

### RISK PROFILE:

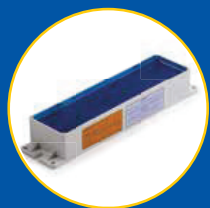
- Extreme temperature applications
- LNG terminals with explosive gas
- Cereal soils with explosive dust
- Risk of exposure to dust and water jets
- Risk of accidental damage or vandalism
- Frequent maintenance and replacement
- Health risk to viewers related to flicker
- Risk of corrosion

### PALAZZOLI SOLUTION:

- Suitable for environments from **-40°C up to +60°C**
- Solution certified for zone 2 (Gas)
- Solution certified for zone 21-22 (Dust)
- Ingress protection of IP66
- Impact protection of IK09
- Products is fully certified and lifetime of L80 B10 @50,000h Tq=25 C
- Risk group zero, flicker free
- Body in stainless steel AISI 304 (316L on request) painted galvanised steel

**APPROVED**  
by Leading Authorities





### Greater safety

The LED light fixture is ATEX certified by a third party for zone 2, 21, 22. It is equipped with a standard on-off driver, resinated and suitable for highly explosive environments.



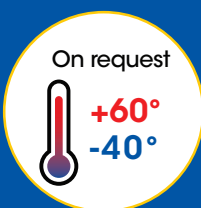
### Resistant and safe

The stainless steel casing and the special silicone seal guarantee high resistance to corrosion and aggressive atmospheres.



### Excellent visual comfort

The comfort wide beam and narrow beam optics use specialist lenses with a glare index of UGR<22.



### Can be installed anywhere

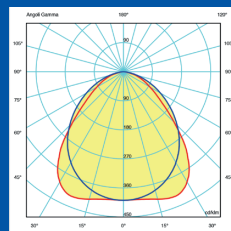
The possibility of obtaining special solutions makes the light fixture suitable to be installed in any environment, even at very low temperatures of -40°C.



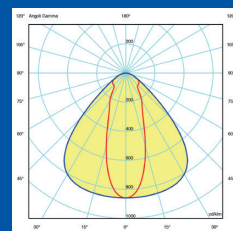
## TECHNICAL INFORMATION

Body material:	Stainless steel AISI 304 (316L on request) painted galvanised steel
Surface treatment:	Non-toxic polyester resistant to weather conditions and UV rays
Surface coating/ Colour:	RAL 9016 (painted galvanised steel version)
Protection rating:	IP66 as per IEC/EN 60079-0 and 60598-1
Impact resistance:	IK09 as per IEC/EN 62262
Optics features:	Anti-aging, UV-resistant PMMA lenses with >90% efficiency and >95% transparency
Colour temperature:	4,000K (on request: 3,000K; 5,000K; 6,500K)
Lifetime:	L80 B10 @50,000h Tq=25°C
Surge protection:	6kV common mode and differential mode (EN 61000-4-5)
Power supply:	Spring clamps and M20 cable gland
Warranty:	5 years
Product standards:	EN 60079-0, EN 60079-7, EN 60079-18, EN 60079-31, EN 60598-1, EN 60598-2-1, EN 62471, EN 60598-2-22, EN 60598-2-24, EN 62493, IEC/TR 62778, EN 55015, EN 61547, EN 61000-3-2, EN 61000-3-3, EN 50581

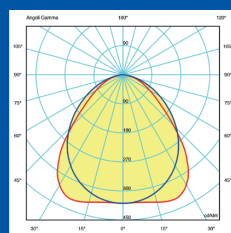
## OPTICS



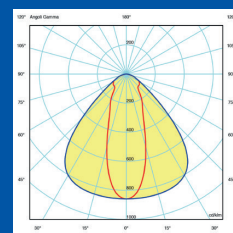
stainless steel-glass with 88° comfort extra wide beam optics



stainless steel-glass with 30°x 90° narrow beam optics



painted galvanised steel-glass with 88° comfort extra wide beam optics



painted galvanised steel-glass with 30°x 90° narrow beam optics

## Quality Certified

IP66

IK09

CE

D

IECEx

Ex

## CONTACT US

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