LIGHTING FIXTURES IN ALUMINIUM ALLOY

RINO-Ex Series page 70

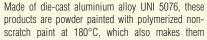






RINO-EX SERIES – WATERTIGHT LIGHTING FIXTURES IN ALUMINIUM ALLOY FOR POTENTIALLY EXPLOSIVE ATMOSPHERES

These lighting fixtures have been manufactured according to the highest standards. They feature a ribbed shockproof glass diffuser protected by a close knit steel mesh cage, a non-loosening E27 porcelain safety lampholder. They must be outfitted with the lamps and auxiliaries indicated in the table and conform to the specific standards. The appliances are in compliance with the specific Standard for EEx nA safety systems and with the general CEI EN 60598-2 Standard.





greater **resistanc**e suitable for environments with the presence of abrasive elements.

A special chrome treatment applied before painting guarantees protection against corrosion. The walls have a minimum thickness of 3 mm, ensuring outstanding impact resistance (30 Joules).





HIGH RESISTANCE

The carefully chosen materials and highly developed construction techniques make them suitable for use at very low temperatures (up to as constant temperature of -40°C) and in particularly harsh atmospheres.



GUARANTEED PROTECTION

Practical external holes allow you to install them without making holes inside, whilst ensuring that the IP65 protection rating is maintained over time.





MAXIMUM SAFETY

Due to the high IP65 protection rating and the protection cage (also available in aluminium for the oval lighting fixtures), you can install them in industrial environments with risks of knocks.

APPLICATIONS:

Pharmaceutical industry, chemical industry, petrol stations, thermal power plants, large kitchens, garages, both in areas 2 (compulsory) as well as NE areas (recommended), woodworking shops, plastic laminate manufacturing, sugar factories, mills, farmyards, hay storage barns in both areas 22 (compulsory) as well as NE areas (recommended).

Lighting fixtures in aluminium alloy

Watertight oval lighting fixtures for potentially explosive atmospheres - IP65



RINO-Ex SERIES
ATEX RAL 7035 grey
watertight oval lighting
fixtures in aluminium
alloy, tropicalized steel
wire protective cage,
and glass diffuser 250V
IP65

EEx nA

Protection against explosions				
CE	$\langle \epsilon_x \rangle$	II 3GD		
EEx nA T*				
Area 2		Area 22		

T* temperature class depending on the lamp used (see table on page 71).

Max. lamp power	Lampholder type	No. 1/2" entry cable glands	Palazzoli Code	Pack Q.ty
60W	E27	1	831072EX	6
		2	831092EX	6
40011		1	831172EX	6
100W		2	831192EX	4
00014/		1	831272EX	2
200W		2	831292EX	2
5-7-9W	G23	1	831934FX	2



Equipment:

cable entries with 1/2" gas cable gland.
Internal earth screw.

Characteristics:

porcelain lampholder.
Corrosion-resistant,
non-loosening terminals,
non-sparking lampholder
(in compliance with CEI of
Committee 34). Unlosable
gaskets in non-ageing
elastomer fastened to a
non-deformable base.



RINO-Ex SERIES
ATEX RAL 7035 grey
watertight oval lighting
fixtures in aluminium
alloy, die-cast cage
and glass diffuser
250V - IP65

Protection against explosions				
(E &	II 3GD			
EEx nA T*				
Area 2	Area 22			

EEx nA

 T^{\star} temperature class depending on the lamp used (see table on page 71).

Max. lamp power	Lampholder type	No. 1/2" entry cable glands	Palazzoli Code	Pack Q.ty
60W	60W 100W E27 200W	1	831075EX	6
		2	831095EX	6
40011		1	831175EX	6
TUUVV		2	831195EX	4
000147		1	831275EX	2
200W		2	831295EX	1
5-7-9W	G23	1	831954EX	2



Equipment:

cable entries with1/2" gas cable gland. Internal earth screw.

Characteristics:

porcelain lampholder.
Corrosion resistant
non-loosening terminals,
non-sparking lampholder
(in compliance with CEI
of Committee 34).
Unlosable gaskets
in non-ageing elastomer
fastened to a
non-deformable rigid base.

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RINO-Ex SERIES
ATEX RAL 7035 grey
watertight round

watertight round lighting fixture in aluminium alloy, tropicalized steel wire protective cage and glass diffuser 250V - IP65

Protection against explosions					
CE	$\langle \epsilon_x \rangle$	II 3GD			
EEx nA T*					
Area 2		Area 22			

EEx nA

T* temperature class depending on the lamp used (see table on page 71).

Max. lamp	Lampholder	No. 1/2" entry	Palazzoli	Pack
power	type	cable glands	Code	Q.ty
100W	E27	1	830072EX	



Equipment:

cable entries with one1/2" gas cable gland.
Internal earth screw.

Characteristics:

porcelain lampholder.
Corrosion resistant
non-loosening terminals,
non-sparking lampholder
(in compliance with CEI
of Committee 34).
Unlosable gaskets in
non-ageing elastomer
fastened to a
non-deformable rigid base.

Correlation Lighting Fixture/Lamps/Temperature Classes

Lighting fixture type	Incandescence E27	Mixed light E27	Compact electronic E27	Compact fluorescent G23
60W	60W max Temperature Classes: T6	-	-	-
100W	100W max Temperature Classes: T5	-	Philips PL-E-T 15W max Philips PL-E-C 11W max Temperature Classes: T5	-
200W	200W max Temperature Classes: T4	160W max Temperature Classes: T4	Osram Dulux EL 23W max Philips PL-E-T 23W max Philips PL-E-C 15W max Temperature Classes: T5	
5-7-9W	-	-	-	9W max Temperature Classes: T6
100W	100W max Temperature Classes: T5	-	-	-
	60W 100W 200W 5-7-9W	type E27 60W 60W max Temperature Classes: T6 100W max Temperature Classes: T5 200W max Temperature Classes: T4 5-7-9W 100W max -	type E27 E27 60W 60W max - Temperature Classes: T6 - - 100W 100W max - Temperature Classes: T5 - - 200W 200W max 160W max Temperature Classes: T4 Temperature Classes: T4 5-7-9W - - 100W 100W max -	type E27 E27 E27 60W 60W max Temperature Classes: T6 - Philips PL-E-T 15W max Philips PL-E-C 11W max Temperature Classes: T5 200W 200W max Temperature Classes: T4 160W max Temperature Classes: T4 Osram Dulux EL 23W max Philips PL-E-T 23W max Philips PL-E-C 15W max Temperature Classes: T5 5-7-9W - - - 100W 100W max - -

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