

# PENDANT TYPE LUMINAIRE EXPLOSION-PROOF: EX-D/RL-AL100

Luminaire suitable for use in classified areas, with explosion-proof type Ex-d protection - (Zones 1, 2, 21 and 22 - GROUPS: IIA and IIB). Application: use in confined spaces, open areas and equipment inspection.



## TECHNICAL DATA OF THE LUMINAIRE:

- Marking: Ex-d IIB T \* GB;
- ZONES: 1, 2, 21 and 22 - GROUPS: IIA and IIB;
- Degree of protection: IP65;
- Body: cast aluminum;
- Display: borosilicate;
- LED or Lamp: (see model table);
- Polypropylene handle;
- Painting: electrostatic gray munsell N6,5;
- Weight: 6 kg;
- Dimensions: Ø140x480 mm;
- Power: - (see model table);
- Cable and plug sizes, on request.

## TECHNICAL STANDARDS:

ABNT NBR IEC 60079-0:2008  
ABNT NBR IEC 60079-1:2009  
ABNT NBR IEC 60529:2005  
INMETRO Ordinance nº 179 de 18/05/2010



PRODUCTS  
DEVELOPED AND  
MADE  
IN BRAZIL

Model LED	Potency	Lumens	Voltage of LED	Class of Temperature	Driver Power from the network (Vac)		Comments
					Primary	Secondary	
Ex-d/RL-AL100(I)/1	10W	1.000	30Vdc	T6	12Vac	30Vdc	For 10W models, the driver is already built into the luminaire.
Ex-d/RL-AL100(I)/2	10W	1.000	30Vdc	T6	20 a 35 Vac	30Vdc	
Ex-d/RL-AL100(I)/3	10W	1.000	30Vdc	T6	100 a 240 Vac	30Vdc	
Ex-d/RL-AL100(J)/1	20W	2.000	30Vdc	T6	12Vac	30Vdc	For 20W models, it is necessary the use of the set. See the technical sheet EX-D/CJ-RL-AL100.
Ex-d/RL-AL100(J)/2	20W	2.000	30Vdc	T6	20 a 35 Vac	30Vdc	
Ex-d/RL-AL100(J)/3	20W	2.000	30Vdc	T6	100 a 240 Vac	30Vdc	

Model in Lamp	Type lamp	Potency	Lumens	Voltage	Class of Temperature
Ex-d/RL-AL100(A)	Bi-pin Halogen lamp	50W	600	12Vac	T5
Ex-d/RL-AL100(B)	Bi-pin Halogen lamp	100W	2.800	12Vac	T4
Ex-d/RL-AL100(C)	Bi-pin Halogen lamp	50W	600	24Vac	T5
Ex-d/RL-AL100(D)	Bi-pin Halogen lamp	100W	2.800	24Vac	T4
Ex-d/RL-AL100(E)	Bi-pin Halogen lamp	100W	2.800	127Vac	T4
Ex-d/RL-AL100(F)	Bi-pin Halogen lamp	100W	2.000	220Vac	T4
Ex-d/RL-AL100(G)	LED bulb light Base E27	10W	1.100	110Vac	T6
Ex-d/RL-AL100(H)		10W	1.100	220Vac	T6