

Light Fixture suitable for use in classifield areas, with explosion-proof protection (Ex-s IIC Area 1 and 2) and (Area 21 and 22 groups – IIB+H2). Aplication: Blasting, Tanks Cleaning and Coating, storage vessels, pipes inspections, structure engineering, mining, oil industries, petrochemicals, plataforms. Providing a high level of technology in LED.



TECHNICAL STANDARDS:

ABNT NBR IEC 60079-0:2013 / ABNT NBR IEC 60079-1:2016
ABNT NBR IEC 60079-33:2015 / ABNT NBR IEC 60529:2017
INMETRO Ordinance nº 179 de 18/05/2010



TECHNICAL DATA OF THE LUMINAIRE

- Marking: Ex db sb IIB + H2 T6 GB;
- ZONES: 1, 2, 21 and 22 - GROUPS: IIB + H2;
- Temperature class: T6;
- Degree of protection: IP66;
- Feeding: compressed air (2,2 to 2,5 bar);
- Body: in cast aluminum alloy 6351;
- Glass: Ø96x6 mm tempered crystal;
- COB LED power: 20W or 30W;
- Power driver incorporated in the luminaire;
- LED power supply: 30 Vdc;
- Connection for air intake;
- Vents for air outlet;
- * Filter and pressure regulator;
- Dimensions: Ø190x239 mm;
- Weight: 7.5 kg.

PRESSURE REGULATOR

- It is important that the compressed air supply network is controlled and with clean air to provide the necessary BARS.

In the standard pressure regulator Renetec, the maximum air intake must be up to 16 bar and the regulator set to 2 bar output. If the pressure inlet is higher, inform to define the regulator.

PRODUCT DEVELOPED AND
MADE IN BRAZIL



Modelos with LED	Amount of LEDS	Potency	Lumens	Voltage	Degreed of illumination	Class of temperature	Dimensions	Weight (kg)	Pressure of Air (BAR)
EX-S/RL-PN20	01	20W	2.000	30 Vdc	120°	T6	190x239	7,5	2,2 a 2,5
EX-S/RL-PN30	01	30W	3.000	30 Vdc	120°	T6	190x239	7,5	2,2 a 2,5