

Explosion-Proof d series lighting

Model: RICO-Ex-B90-C-1

1. Applications: Indoor or outdoor use

2. Mechanical specification:

Housing: Aluminum, toughened glass

Outline Dim: 306*306*185.5mm (Bracket not included)

Net Weight: about 7.5kg

Surface temperature: <80°C (@Ta=25°C)



3.Environment Specification:

Operation Temp: -30~+55°C

Humidity range: 20% ~ 90%

The explosion-proof LED lamp is certified for use in areas, where a gas explosion hazard exists Zone 1 and areas where a dust explosion hazard exists Zone21 and Zone 22

4. Technical Data:

Driver input Voltage: 100-277Vac

PF factor: >0.95

LED Type: COB

Power Consumption: 90W

Ex marking: Ex dmb IIC T6 Gb

IP rating: IP66

IK protection level: IK08

Anticorrosion grade: WF02

5. Optical performance:

Color Temp: Cool White 5000~6500K

Beam Angle $2\theta_{1/2}$: ° 110° ±2°

CRI :> 70

Intensity of illumination: 4850Lx@1 m distance 5000K

1210Lx@2 m distance 5000K

300Lx@4 m distance 5000K

Lumens: 10800lm (Type)@220V 5000K

6. Average life time: 30,000 hours in min.

7. Dimension:

