

# Explosion-Proof nR series lighting

**Model: RICO-Ex70-X-W(x denote led color)**

**1. Applications:** In door or outdoor use

**2. Mechanical specification:**

Housing: Aluminum, toughened glass

Outline Dim: 382\*320\*155mm

Net Weight: about 6.3kg

Surface temperature: <math> < 55^{\circ}\text{C}</math> (@ $T_a=25^{\circ}\text{C}</math>)$



**3.Environment Specification:**

Operation Temp:  $-30\sim+55^{\circ}\text{C}$

Humidity range: 20% ~ 90%

The explosion-proof LED lamp is certified for use in areas, where a gas explosion hazard exists Zone 2 and areas where a dust explosion hazard exists Zone21 and Zone 22

**4. Technical Data:**

Driver input Voltage: 100-277Vac 0.75A 50/60Hz

LED Type: SAMSUNG 2323 224pcs

Power Consumption: 70W

Ex marking: Ex nR II T6 Gc

**5. Optical performance:**

Color Temp: Cool White 5500~6500K&Warm White 2700K~3200K

Beam Angle  $2\theta 1/2: 115^{\circ} \pm 2^{\circ}$

CRI: cool white >80; warm white>80

Intensity of illumination: 2900Lx@1 m distance warm white

720Lx@2 m distance warm white

180Lx@4m distance warm white

Lumens: 8000lm (Type)@220V 3000K

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

## 7. Dimension:

