RDB88

explosion–proof maintenance–free energy–saving lamps(IIC、DIP)



Application

- ◆ Applicable to Area 1 and 2 of explosive gas atmospheres;
- ◆ Applicable to Area 21 and 22 of combustible dust atmospheres;
- ◆ Applicable to IIA, IIB, IIC of explosive gas atmospheres;
- ◆ Applicable to T1~T6 temperature group;
- ◆ With high or low frequency electrodeless lamp
- ◆ With emergency functions according to user requirements;
- ◆ Applicable to petroleum mining, storage, chemical industry, military industry, military installation and other explosive dangerous environments.

Model implication

RDB88- D □ □ □ □ / □

- Shell type: I, II
- J:With emergency functions (no note if not equipped)
- H;With junction box (no note if not equipped)
- 安装方式
  - g:Suspender type, X: Ceiling type
  - w:Curved member type, f: Flange type
  - h:Barrier type, z: Support type
  - b1:Wall type 30° , b2:wall type 90°
- Light–source power
- Light source type (low frequency electrodeless lamp)
- Design serial number
- Explosion proof lamps and lanterns

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Product feature

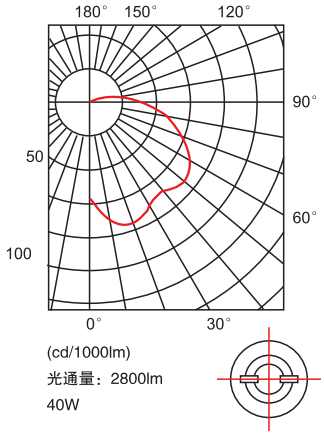
1.Housing is made of aluminum alloy with die–cast formation and high voltage electrostatic powder spraying treatment is carried out on the surface;
2.Fully independent separate design is used for light source cavity and power source cavity and fin structure housing is used to reinforce heat emission efficiency;
3.High strength engineering plastics glass lamp shade
4.Built–in double magnet ring low frequency electrodeless lamp with high lighting effect, long life and maintenance–free;
5.Explosive–proof adjoining face of lamps is equipped with O seal ring with good waterproofness;
6.Protecting net has post–galvanization plastic–dipping treatment with attractive and durable, and good antiseptic property;
7.Exposed fastener is made of stainless steel materials;
8.Full thread structure is used to quickly open and be easy for installation and maintenance;
9.Steel pipe wiring.

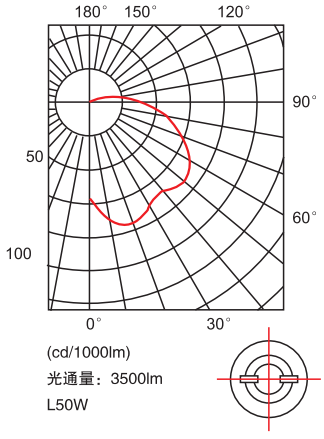
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Explosion proof and maintenance free
low carbon electrode free lamp (IIC, DIP)

Distribution curve flux





Main technical parameters

Executive standard： GB 3836.1、GB 3836.2、GB3836.3、GB12476.1、IEC60079

Ex-mark：ExdIICT6Gb/DIPA21TA,T6

Rated voltage：AC 220V

Equipped light source：40W、50W(Ⅰ型) 65W、80W(Ⅱ型) 100W、120W、150W(Ⅲ型)

Corrosion-proof-class：WF1、WF2

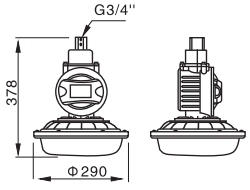
Entry spec：G3/4"

Cable's outer diameter：Φ9mm ~ Φ14mm

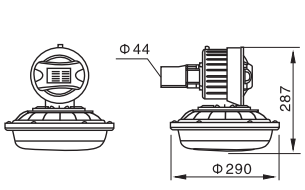
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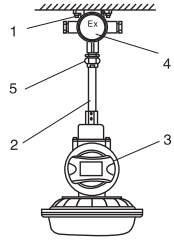
Outlines & installation dimensions



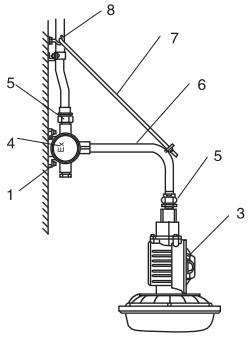
A型



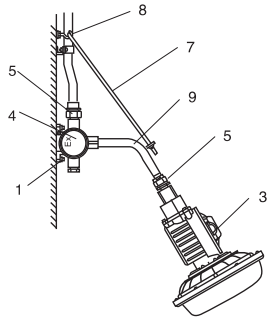
D型



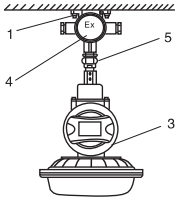
A.管吊式



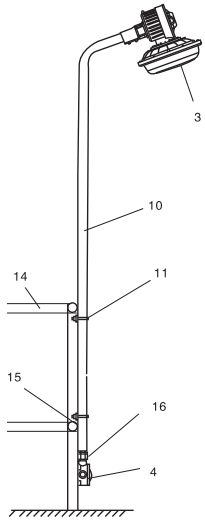
C1.吸顶式



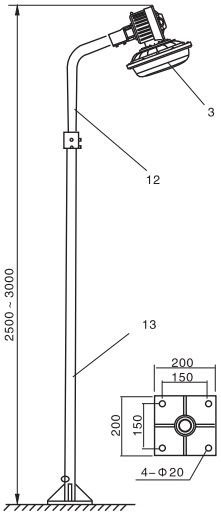
C2.吸壁式



B1.吸顶式



D.护栏立杆式



E.法兰立杆式

1. (Expansion) bolt
2. G3/4'' swing pipe
3. Lamps
4. Explosion–proof junction box
5. Explosion–proof union
6. 90° elbow
7. Pull rod and nut
8. Hook nail
9. 120° elbow
10. 1 1/4'' guardrail upright pole
11. Pipe clamp
12. 1 1/4'' elbow
13. 1 1/ 2'' flange upright pole
14. Guardrail
15. Fixed support
16. G3/4'' explosion–proof connection joint

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