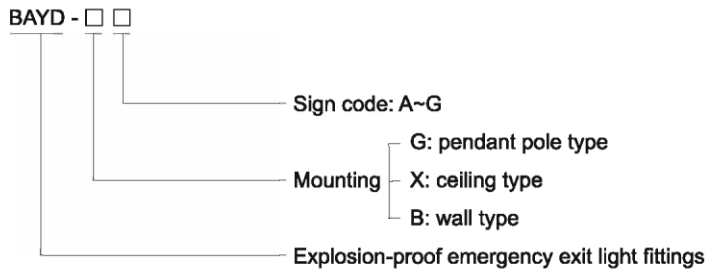




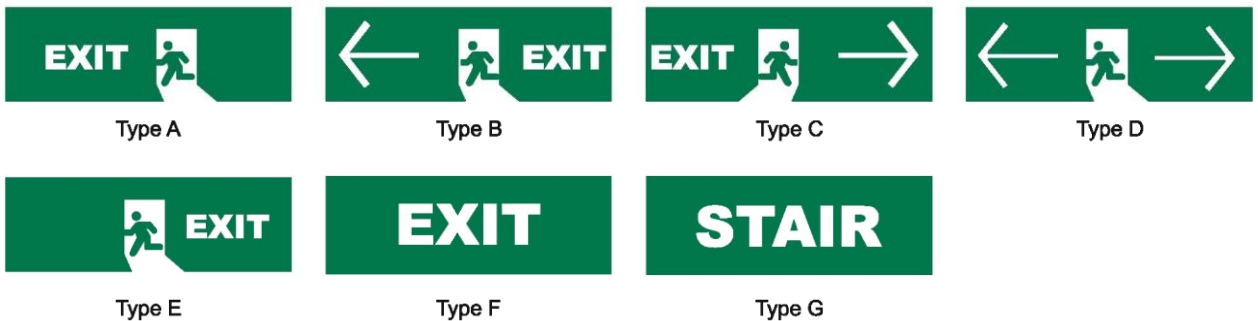
### Local, Caution Spotlight Fittings BAYD Series Explosion-proof Emergency Exit Light Fittings

- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
- ◆ Lighting both in normal condition and emergency condition; When power supply is cut off, the emergency device starts to work; with over charge, over discharge protection and short circuit protection.
- ◆ With test pushbutton, convenient to check the emergency function. Press the test pushbutton, the light will switch into emergency condition.
- ◆ Ultra-bright LED lamp, low power consumption and long service life up to 50,000 hours; energy saving and environmental protection.
- ◆ Enclosure in copper-free aluminium, powder coated surface, yellow (RAL 1021).
- ◆ Toughened glass sheet resistant to temperature changes.

#### Catalogue number logic



#### Sign code type A-G



Zones 1&2; 21&22

**Technical data**

**Explosion-proof emergency exit light fittings BAYD-□□**

**Explosion protection**

Gas explosion protection  $\text{Ex II 2 G Ex d IIC T6}$   
 Dust explosion protection  $\text{Ex tD A21 T80°C IP66}$

**Certificates**

For gas explosion protection LCIE 07 ATEX 6005X; IECEx LCI 08. 0012X; GOST.R (Russia)  
 For dust explosion protection PCEC (China)

**Conformity to standards**

EN 60079-0: 2004, EN 60079-1: 2004  
 IEC 60079-0: 2004, IEC 60079-1: 2003, IEC 61241-0: 2004, IEC 61241-1: 2004

**Material**

Enclosure Copper-free aluminium, powder coated surface, yellow(RAL1021)  
 Exposed fastener Stainless steel

**Rated voltage**

220~240V AC 50/60Hz

**Lamp**

LED lamp (working voltage DC 3.6V)

**Power consumption**

2W

**Emergency time**

180min

**Battery**

Rated capacity 1400mAh  
 Charge time 24h

**Earthing protection**

M5 (internal & external earth bolts)

**Degree of protection**

IP66

**Ambient temperature**

-20°C~+55°C

**Terminal**

3 x 1.5~2.5mm<sup>2</sup> (L+N+PE)

**Cable entries**

1 x G3/4" for wall type or ceiling type; 2 x M25 x 1.5 for pendant pole type

**Cable gland**

1. For wall type and ceiling type, supplied with seal gasket and gland nut; Cable gland on request.  
 2. For pendant pole type, supplied with BHD51-F explosion-proof junction box, (copper-free aluminium); M25 x 1.5 plug or Ex d cable gland is optional, DQM-II (Ex d) or DQM-III (Ex d) is recommended. Please see P7/20~25.

**Available cable outer diameter**

Φ 10~Φ 14 (mm)

**Weight**

6.40kg



**Dimension drawings (all dimensions in mm) - subject to alteration**

