

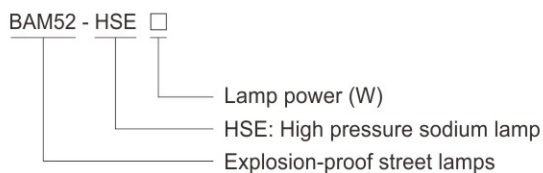
## Street Lamps

### BAM52 Series Explosion-proof Street Lamps



- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 2
  - Zone 21 and Zone 22
- ◆ Please refer to mounting schematic diagram to select right lamp and mounting types on request of job site.
- ◆ Please refer to this catalogue for detailed technical data and ordering information of each light fitting.
- ◆ The street lamp is supplied without pole; please specify when ordering.

#### Catalogue number logic



#### Selection table

| Type / Ordering code | Rated voltage    | Lamp power(W) | Weight (kg) |
|----------------------|------------------|---------------|-------------|
| BAM52-HSE250         | 415V AC 50Hz     | 250           | 13.40       |
| BAM52-HSE400         |                  | 400           | 14.20       |
| BAM52-HSE150         | 220~240V AC 50Hz | 150           | 9.00        |
| BAM52-HSE250         |                  | 250           | 9.50        |
| BAM52-HSE400         |                  | 400           | 11.30       |
| BAM52-HSE150         | 220~240V AC 60Hz | 150           | 9.00        |
| BAM52-HSE250         |                  | 250           | 9.50        |
| BAM52-HSE400         |                  | 400           | 11.30       |

**Note:** The product is supplied according to "Type/Ordering code" in the table with mounting accessories.

## Zones 2; 21&22

## Street Lamps

### BAM52 Series Explosion-proof LED Street Lamps

#### Technical data

#### Explosion-proof LED street lamps BAM52-HSE□

##### Explosion protection

|                |   |
|----------------|---|
| Global (IECEX) | IECEX CQM 22.0024X  |
| Gas and dust   | Ex nR IIC T□ <sup>1)</sup> Gc<br>Ex tb IIIC T□ <sup>1)</sup> Db                     |
| Europe (ATEX)  | TÜV CY 23 ATEX 0206765X   |
| Gas and dust   | Ex II 3 G Ex nR IIC T□ <sup>1)</sup> Gc<br>Ex II 2 D Ex tb IIIC T□ <sup>1)</sup> Db |

##### Certificates

IECEX; ATEX

##### Conformity to standards

EN 60079-0, EN 60079-15, EN 60079-31  
IEC 60079-0, IEC 60079-15, IEC 60079-31

##### Material

|                    |   |
|--------------------|---|
| Enclosure          | Aluminium Alloy, powder coated surface                      |
| Glass cover        | Toughened glass, stands 4J impact                           |
| Ballast            | Electromagnetic ballast, rapid starting, stable performance |
| Internal reflector | High-purity aluminium                                       |
| Trigger            | Explosion-proof electronic trigger                          |
| Power factor       | COS $\phi$ $\geq$ 0.90 (compensated)                        |
| Exposed fastener   | Stainless steel   |

##### Lamp

|                    |                                 |
|--------------------|---------------------------------|
| Lamp holder        | E40                             |
| Lamp specification | High pressure sodium lamp (HSE) |
| Lamp power (W)     | 150W, 250W, 400W                |

##### Rated voltage

220~240V AC 50Hz, 220~240V AC 60Hz, 415V AC 50Hz

##### Degree of protection

IP66

##### Ambient temperature

-40°C~+55°C(+40°C)

##### Terminal

3×1.5~4mm<sup>2</sup> (L+N+PE)

##### Mounting

street lamp type

##### Cable entries

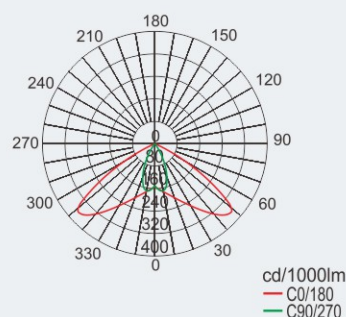
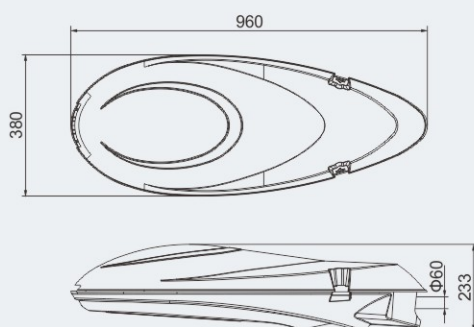
1×M20×1.5 cable gland (DQM-I Ex e, metal unarmored)



#### Selection table

| Rated voltage    | Rated power(W) | Temperature classification |        |                    |        |
|------------------|----------------|----------------------------|--------|--------------------|--------|
|                  |                | -40°C ≤ Ta ≤ +40°C         |        | -40°C ≤ Ta ≤ +55°C |        |
| 415V AC 50Hz     | 250, 400       | T3                         | T190°C | T3                 | T190°C |
| 220~240V AC 50Hz | 150, 400       | T4                         | T130°C | T3                 | T190°C |
|                  | 250            | T3                         | T133°C | T3                 | T190°C |
| 220~240V AC 60Hz | 150, 250, 400  | T4                         | T130°C | T4                 | T130°C |

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



We can provide lighting design and data by professional lighting software DIALUX based upon simulated site situation on request