

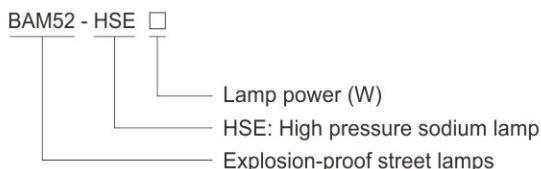
Street Lamps

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 ¹⁾ Gc |
| | Ex tb IIIC T ¹⁾ Db |
| Europe (ATEX) | TÜV CY 23 ATEX 0206765X |
| Gas and dust | Ex II 3 G Ex nR IIC T ¹⁾ Gc |
| | Ex II 2 D Ex tb IIIC T ¹⁾ Db |

Certificates

Conformity to standards

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 | $\text{COS}\phi \geq 0.90$ (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

3×1.5~4mm² (L+N+PE)

Mounting

street lamp type

Cable entries

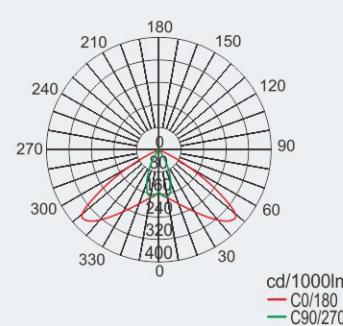
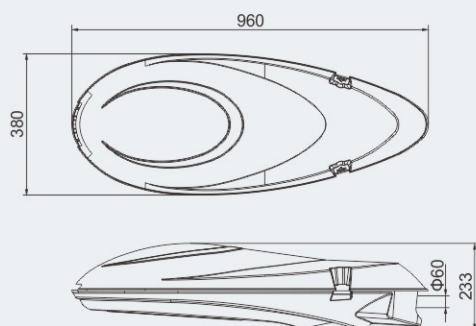
1×M20×1.5 cable gland (DQM-I Ex e, metal unarmored)



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