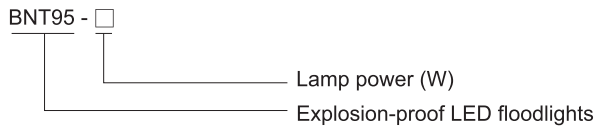


LED Light Fittings BNT95 Series Explosion-proof LED Floodlights



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 2
 - Zone 21 and Zone 22
 - Class I, Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Three enclosure types: 60, 90, 150
- ◆ Applicable lamp and power (max. 150W)
 - LED: 60W, 90W, 150W
- ◆ Unique heat dissipation structure, with good ventilation and cooling performance.
- ◆ Unique design, without external power supply, power accessories and lamp are of integral type.

Catalogue number logic



Selection table

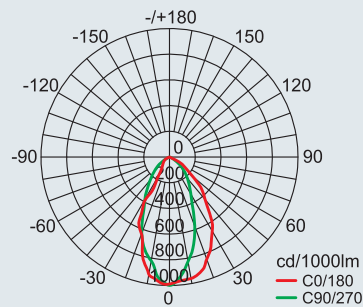
Type / Ordering code	Lamp power(W)	Weight (kg)	Type / Ordering code	Lamp power(W)	Weight (kg)	Type / Ordering code	Lamp power(W)	Weight (kg)
BNT95-60	60	1.60	BNT95-90	90	2.00	BNT95-150	150	3.40

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

Photometric data Note: LED luminous flux is from the standard product of which colour temperature is 5400 to 6500K (cool white).

BNT95-□

Rated luminous flux
 60W LED: 4800lm
 90W LED: 7200lm
 150W LED: 12000lm



Zones 2; 21&22

LED Light Fittings

BNT95 Series Explosion-proof LED Floodlights

Technical data

Explosion-proof LED floodlights BNT95-□

Explosion protection

- Gas explosion protection
- Dust explosion protection

⊕ II 3 G Ex nR IIC T6 Gc
 ⊕ II 2 D Ex tb IIIC T80°C Db IP66

Certificates

ATEX and IECEx (applied for)

Conformity to standards

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

Material

Enclosure

Copper-free aluminium, anodic-oxidation treatment for surface, with good thermal conduction

Glass cover

Polycarbonate, 90% light transmission, corrosion-proof

Power control unit

Rapid starting, stable performance, power factor ≥ 0.95

Exposed fastener

Stainless steel

Lamp

Lamp specification

International brand of LED modules

Lamp power (W)

60W, 90W, 150W

Colour Temperature (CCT)

Cool white 5400 ~ 6500K

Note: cool white is available in general. Warm white (2700~3500K) or nature white (4700~5400K) is optional, please specify when ordering.

Rated voltage

220~240V AC 50/60Hz

Earthing protection

M5

Degree of protection

IP66

Ambient temperature

-40°C~+55°C

Cable gland

External cable is equipped with wire to wire cable connector, suitable for $\phi 7 \sim \phi 10.8$.

Terminal

3 x 1.5mm² (L+N+PE)

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

