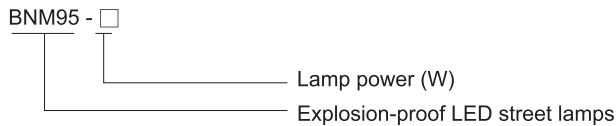


LED Light Fittings BNM95 Series Explosion-proof LED Street Lamps



- ◆ 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
- ◆ Five enclosure types: 60, 90, 120, 150, 180
- ◆ Applicable lamp and power (max. 180W)
 - LED: 60W, 90W, 120W, 150W, 180W
- ◆ Enclosure: Extrusion forming technology, with good cooling performance.
- ◆ Unique design, without external power supply, power accessories and lamp are of integral type.

Catalogue number logic



Selection table

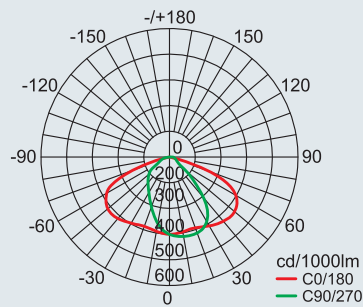
Type / Ordering code	Lamp power(W)	Weight (kg)	Type / Ordering code	Lamp power(W)	Weight (kg)	Type / Ordering code	Lamp power(W)	Weight (kg)
BNM95-60	60	4.20	BNM95-90	90	5.30	BNM95-120	120	6.30
BNM95-150	150	7.40	BNM95-180	180	8.60	-	-	-

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).

BNM95-□

Rated luminous flux
 60 LED: 5700 lm
 90 LED: 8550 lm
 120 LED: 11400 lm
 150 LED: 14250 lm
 180 LED: 17100 lm



Zones 2; 21&22

LED Light Fittings

BNM95 Series Explosion-proof LED Street Lamps

Technical data

Explosion-proof LED street lamps BNM95-□

Explosion protection

Gas explosion protection

⊕ II 3 G Ex nR IIC T6 Gc

Dust explosion protection

⊕ 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

Transparent 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 module

Lamp power (W)

60W, 90W, 120W, 150W, 180W

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

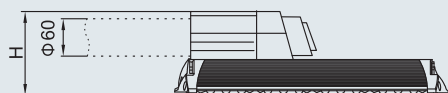
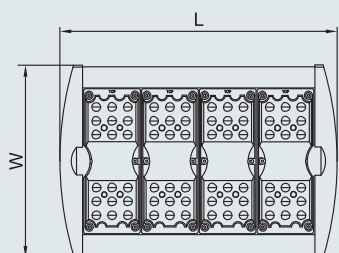
External cable is equipped with wire to wire cable connector, suitable for $\phi 7 \sim \phi 10.8$.

Terminal

3 x 1.5mm² (L+N+PE)



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



Type	Size(mm)		
	L	W	H
BNM95-60	235	280	155
BNM95-90	319	280	155
BNM95-120	403	280	155
BNM95-150	487	280	155
BNM95-180	571	280	155