◆ 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

BNT95 - ☐

               Lamp power (W)
               Explosion-proof LED floodlights
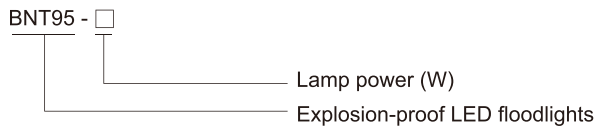
Selection table

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
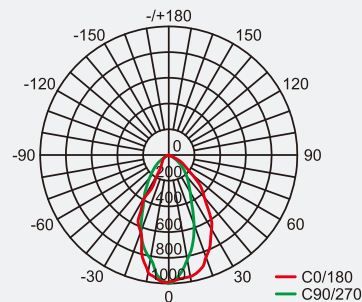
— C0/180
— C90/270

Zones 2; 21&22

Technical data

Explosion-proof LED floodlights   BNT95-☐

Explosion protection	
Gas explosion protection	⟨Ex⟩ II 3 G Ex nR IIC T6 Gc
Dust explosion protection	⟨Ex⟩ II 2 D Ex tb IIIC T80℃ Db IP66
Certificates	LCIE 15 ATEX____; IECEx
Conformity to standards	EN 60079-0: 2012, EN 60079-15: 2010, EN 60079-31: 2009
	IEC 60079-0: 2011, IEC 60079-15: 2010, IEC 60079-31: 2008
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℃~+55℃
Terminal	3 x 1.5~2.5mm^2 (L+N+PE)

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

BNT95-60

BNT95-90

BNT95-150