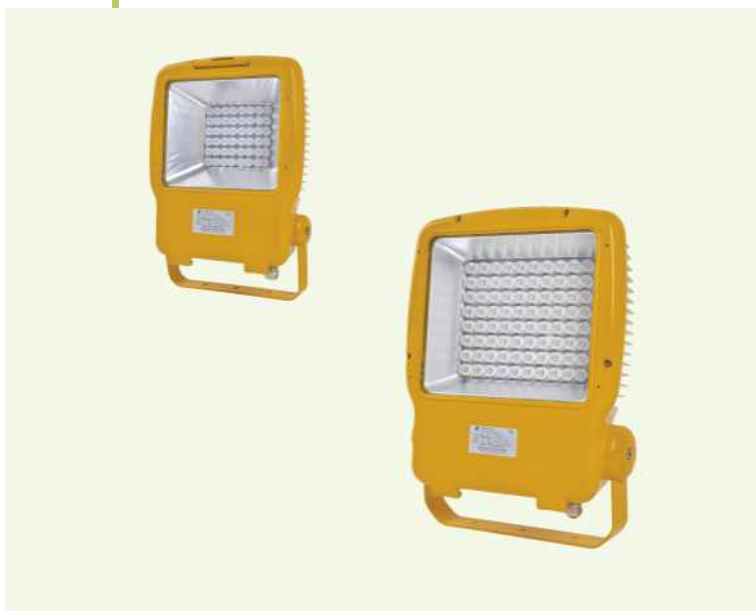


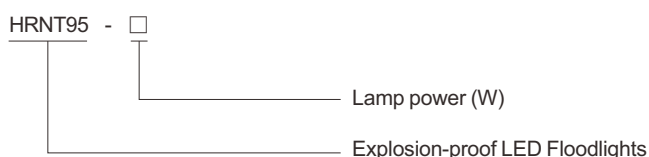
LED Light Fittings

HRNT95 Series Explosion-proof LED Floodlights



- ◆ Explosion protection to
 - CENELEC
 - IEC
 - NEC
- ◆ Can be used in
 - Zone 2
 - Zone 22
 - Class I, Zone 2
 - Class I, Division 2, Groups A, B, C, D
- ◆ Applicable lamp and power (max.300W)
LED: 80W, 120W, 240W, 300W
- ◆ International brand white light LED, reasonable arrangement of multi LED, high lighting efficiency and long service life.
- ◆ Two types of light distribution: spotlight and floodlight, which can be selected on request.
- ◆ Standard luminaries equip with 60° lens, 30° lens which is optional, please indicate when placing an order.
- ◆ Low-maintenance due to long service life is up to 100,000 operating hours.

Catalogue number logic



Selection table

Type/Ordering code	Lamp power (W)	Weight (kg)	Type/Ordering code	Lamp power (W)	Weight (kg)
HRNT95-80	80	10.00	HRNT95-240	240	12.50
HRNT95-120	120	11.00	HRNT95-300	300	13.00

Note: 1. Standard products with 60° lens, 30° lens which is optional, please indicate when placing an order.
2. Standard luminaries do not equip with wire guard, if need, please specify.

Zones 2; 22

LED Light Fittings

HRNT95 Series Explosion-proof LED Floodlights

Technical data	
Explosion-proof LED floodlights HRNT95-	
Explosion protection	
Global (IECEX)	IECEX EUT 18.0003X
Gas and dust	Ex nR IIC T□ ¹⁾ Gc Ex tc IIIC T□ ¹⁾ Dc IP66
Europe (ATEX)	EPTI 18 ATEX 0344X
Gas and dust	⊕ II 3 G Ex nR IIC T□ ¹⁾ Gc ⊕ II 3 D Ex tc IIIC T□ ¹⁾ Dc IP66 ¹⁾ See Selection Table
Certificates	IECEX; ATEX; Russia (CU-TR)
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 Alloy, powder coated surface,
Glass cover	Toughened glass, stands 4J impact
LED driver	Wide voltage input, CC-CV (constant current - constant voltage) output, power factor 0.95, with function of distributed current, constant current, surge-proof and anti-electromagnetic interference, and protection against overcurrent, open circuit, and short circuit.
Exposed fastener	Stainless steel
Lamp	
Lamp specification	LED module, Multiple LED
Lamp power (W)	80W, 120W, 240W, 300W
Colour Temperature (CCT)	Nature white: 5000K Note: nature white is available in general. Warm white is optional, please specify when ordering.
Rated voltage	100~277V AC 50/60Hz, 130~250V DC
Degree of protection	IP66
Ambient temperature	-40 ~+55
Terminal	3 x 1.5~2.5mm ² (L+N+PE)
Cable	1x M20 x 1.5 cable gland (DQM-I Ex e)



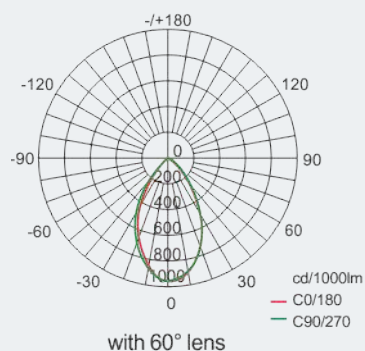
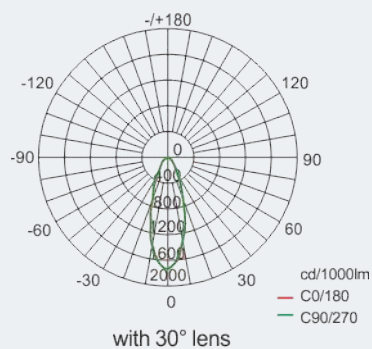
Selection table				
Rated power(W)	Temperature classification			
	-40	Ta	+40	
	Gas		Dust	
80	—		—	
120, 240, 300	T6		T80	

LED Light Fittings

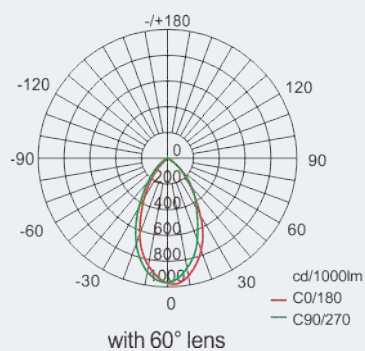
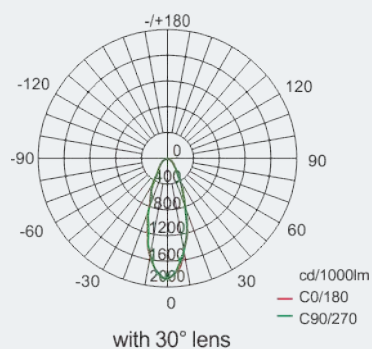
HRNT95 Series Explosion-proof LED Floodlights

Photometric data Note: Standard products with 60° lens, 30° lens which is optional, please indicate when placing an order.

	Rated luminous flux	Luminous efficacy
80W LED	10160lm	127lm/W
120W LED	14910lm	122lm/W



	Rated luminous flux	Luminous efficacy
240W LED	31200lm	128lm/W
300W LED	40420lm	132lm/W

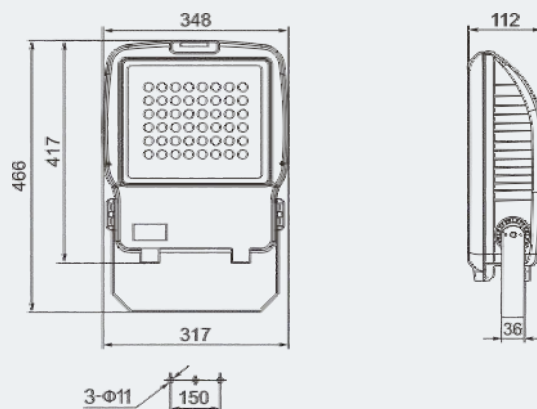


We can provide lighting design and data by professional lighting software DIALUX based upon simulated site situation on request.

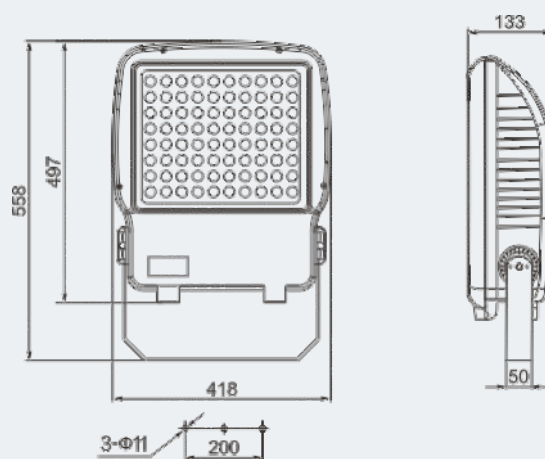
LED Light Fittings

HRNT95 Series Explosion-proof LED Floodlights

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



HRNT95-80 / HRNT95-120



HRNT95-240 / HRNT95-300



Accessories

Picture	Name	Ordering code	Weight (kg)
	80W/120W Wire guard	95009	0.40
	240W/300W Wire guard	95010	0.55