

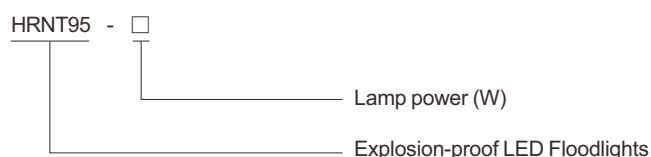
LED Light Fittings

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, 150W, 200W, 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	5.40	HRNT95-200	200	8.00
HRNT95-120	120	5.80	HRNT95-240	240	8.20
HRNT95-150	150	7.50	HRNT95-300	300	13.40

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

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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
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 ¹⁾ See Selection Table
Certificates	IECEX; ATEX; 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, 150W, 200W, 240W, 300W
Colour rendering index (Ra)	80
Colour temperature (CCT)	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 1.5~4mm ² (L+N+PE)
Cable entries	1x M20 x 1.5 cable gland (DQM-I Ex e)

Selection table				
Rated power(W)	Temperature classification			
	-40	Ta	+40	
	Gas		Dust	
80				
	T6		T80	
120, 150, 200, 240, 300				
			T5	T95

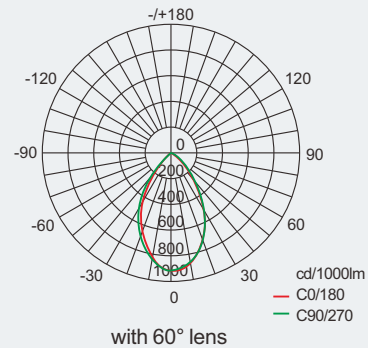
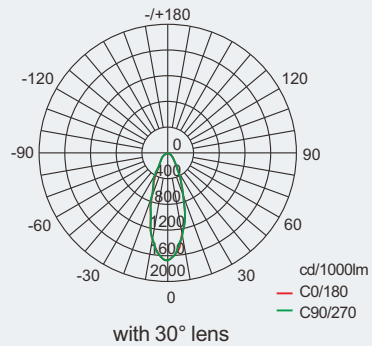


LED Light Fittings

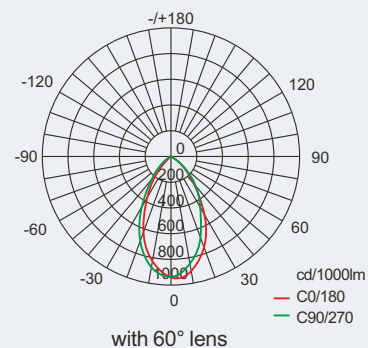
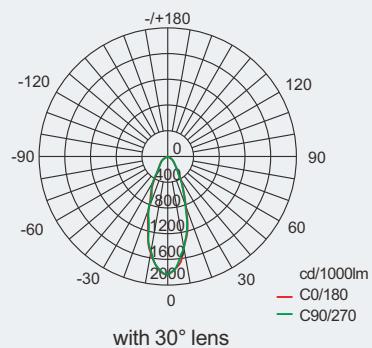
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Photometric data Note: Standard products with 60° lens, 30° lens which is optional, please indicate when placing an order.

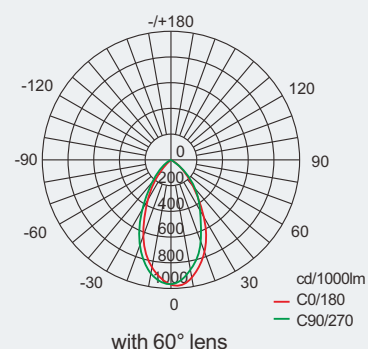
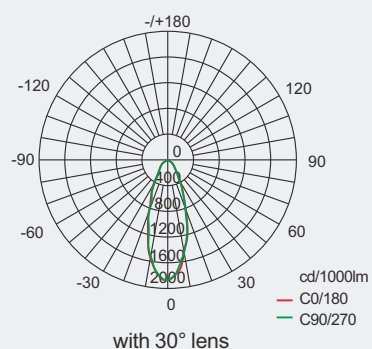
Lamp power (W)	Luminous flux	Wattage
80W	11000lm	80W
120W	15000lm	123W



Lamp power (W)	Luminous flux	Wattage
150W	19000lm	150W
200W	27000lm	200W
240W	30000lm	242W



Lamp power (W)	Luminous flux	Wattage
300W	38000lm	300W



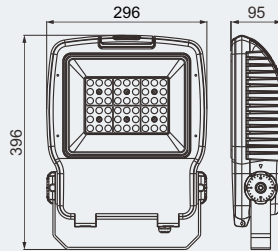
We can provide lighting design and data by professional lighting software DIALUX based upon simulated site situation on request.



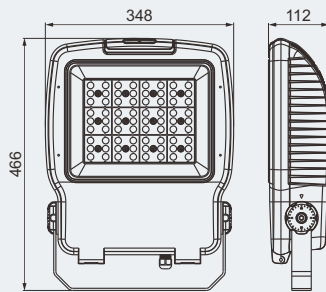
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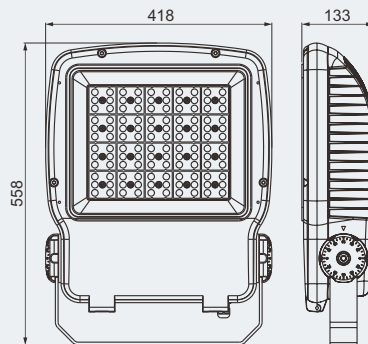
Dimension drawings (all dimensions in mm) - subject to alteration



HRNT95-80 / HRNT95-120



HRNT95-150 / HRNT95-200 / HRNT95-240



HRNT95-300



Accessories

Picture	Name	Ordering code	Weight (kg)
	80W/120W Wire guard	95008	0.30
	150W/200W/240W Wire guard	95009	0.40
	300W Wire guard	95010	0.55