Supplied By
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HRND95 Series

Explosion-proof LED Lightings

Applicable area
Zones 1 & 2; 21 & 22

Explosion-proof certificate
IECEx: applied for EUT 18.0002X
ATEX: applied for

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

Ambient temperature
-40℃~+55℃ (-60℃ is optional)

Terminal
3×1.5~4mm² (L+N+PE)

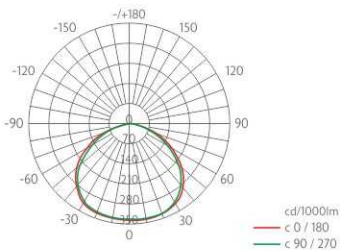
Cable entries
1×M20×1.5 cable gland (DQM-I Ex e)
(M25×1.5 is optional for 160W, 200W, 240W, 300W)

Optical lenses ensure even distribution of light flux.

The professionally designed positioning adjuster allows for precise beam angle adjustment.

Unique heat dissipation design ensures long service life of the lamp.

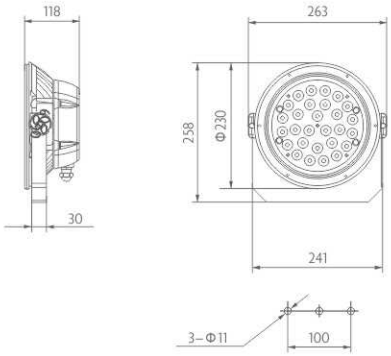
Light distribution curve



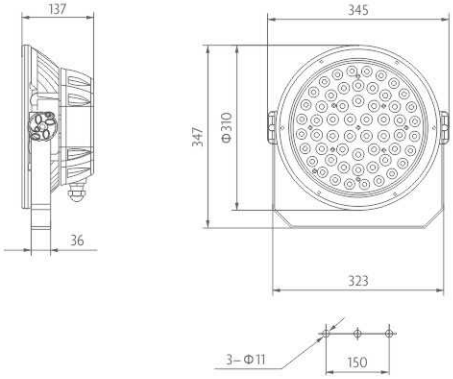
PRODUCT SELECTION

Rated power	Luminous flux	Lamp specification	Rated voltage	Ex-mark	Degree of protection
40W	4800lm	SMD LED	100~277V AC 50/60Hz, 130~250V DC	Ex ec mb IIC T6/T5 Gc Ex tb IIIC T80℃/T95℃ Db Ⓔx II 3 G Ex ec mb IIC T6/T5 Gc Ⓔx II 2 D Ex tb IIIC T80℃/T95℃ Db	IP66
60W	7200lm				
80W	9900lm				
120W	15000lm				
160W	19800lm				
200W	22450lm				
240W	28300lm				
300W	37200lm				

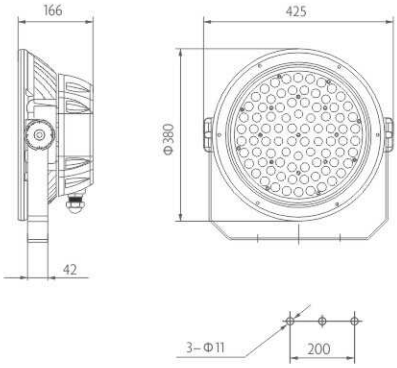
DIMENSION DRAWINGS



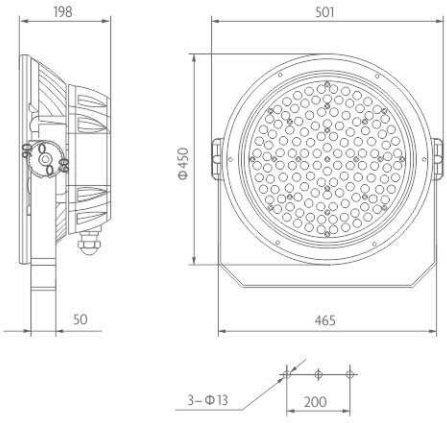
HRND95-40
HRND95-60



HRND95-80
HRND95-120



HRND95-160
HRND95-200



HRND95-240
HRND95-300

ACCESSORIES

Picture	Name	Ordering code	Weight (kg)
	40W/60W Reflector	95001	0.23
	80W/120W Reflector	95002	0.39
	160W/200W Reflector	95003	0.45
	240W/300W Reflector	95004	0.69