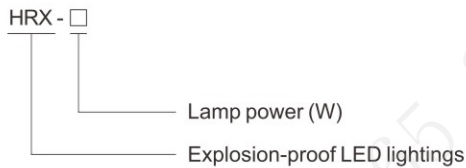


## LED Light Fittings HRX Series Explosion-proof LED Lightings



- ◆ Explosion protection to
  - CENELEC
  - IEC
  - NEC
- ◆ Can be used in
  - Zone 1 and Zone 2
  - Zone 21 and Zone 22
  - Class I, Zone 1 and Zone 2
  - Class I, Division 2, Groups A, B, C, D
- ◆ Applicable lamp and power (max.30W)  
LED: 10W, 20W, 30W
- ◆ International brand white light LED, reasonable arrangement of multi LED, high lighting efficiency and long service life.
- ◆ Low-maintenance due to long service life, which is up to 100,000 operating hours.

### Catalogue number logic

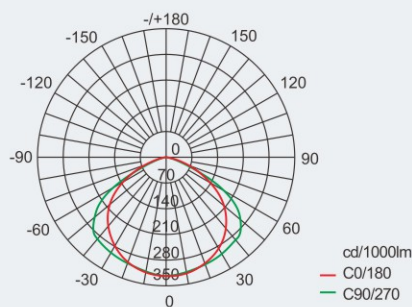


### Selection table

Type/Ordering code	Lamp power (W)	Weight (kg)
HRX-10	10	3.50
HRX-20	20	3.50
HRX-30	30	3.50

### Photometric data

Note: LED luminous flux is from the standard product of which colour temperature is 5700K



Lamp power (W)	Luminous flux	Wattage
10W	1300lm	11W
20W	2100lm	18.5W
30W	3300lm	28.7W

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

## Zones 1&2; 21&22

## LED Light Fittings

### HRX Series Explosion-proof LED Lightings

Technical data	
<b>Explosion-proof LED Lightings HRX-□</b>	
<b>Explosion protection</b>	
Global (IECEX)	IECEX (applied for)
Gas and dust	Ex db eb mb IIC T6 Gb Ex tb IIIC T80°C Db
Europe (ATEX)	ATEX (applied for)
Gas and dust	⊕ II 2 G Ex db eb mb IIC T6 Gb ⊕ II 2 D Ex tb IIIC T80°C Db
<b>Certificates</b>	IECEX; ATEX
<b>Conformity to standards</b>	EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-18, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-7, IEC 60079-18, IEC 60079-31
<b>Material</b>	
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 $\geq 0.95$ , 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
<b>Lamp</b>	
Lamp specification	LED module, Multiple LED
Lamp power (W)	10W, 20W, 30W
Colour rendering index (Ra)	$\geq 80$
Colour temperature (CCT)	5700K Note: nature white is available in general. Warm white is optional, please specify when ordering.
<b>Rated voltage</b>	100~277V AC 50/60Hz, 24V DC, 36V DC
<b>Degree of protection</b>	IP66
<b>Ambient temperature</b>	-40°C~+60°C
<b>Terminal</b>	3×1.5~4mm <sup>2</sup> (L+N+PE)
<b>Cable entries</b>	2×M25×1.5 plugs
<b>Cable gland</b>	DQM-I (Ex eb) is recommended. Please see P6/20~23



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

