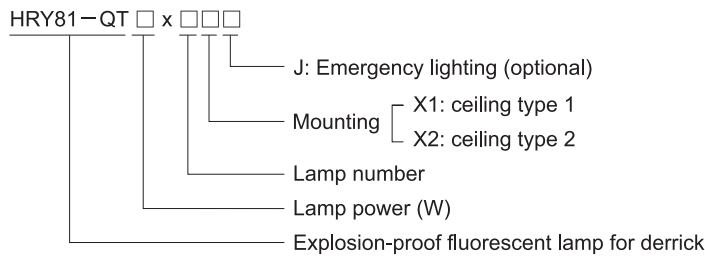


Light Fittings for Fluorescent Lamp HRY81-QT Series Explosion-proof Fluorescent Lamp for Derrick



- ◆ 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
- ◆ Polycarbonate diffuser, high transmittance, resistance to heavy impact.
- ◆ Main enclosure is extruding formed of copper-free aluminium, anodic-oxidation treatment for surface. Both ends of enclosures are die-casting formed of copper-free aluminium, powder coated surface.
- ◆ Built-in electronic ballast, power factor ≥ 0.95 .
- ◆ Special-made mounting bracket, the illumination angle can be adjusted on request.
- ◆ Emergency function is available on request.
- ◆ End of lamp life (EOL) rectification effect protection.

Catalogue number logic



Selection table

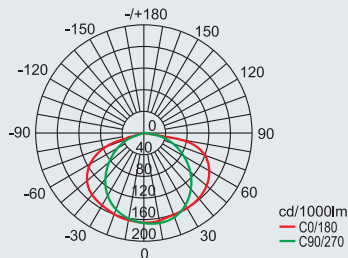
Type / Ordering code	Lamp power(W)	Weight(kg)	Type / Ordering code	Lamp power(W)	Weight(kg)
HRY81-QT18 x 2□	18 x 2	6.80	HRY81-QT18 x 2□J	18 x 2	7.50
HRY81-QT36 x 2□	36 x 2	8.50	HRY81-QT36 x 2□J	36 x 2	9.50

Note: Emergency lighting function is unavailable for routine products, please specify if needed.

Photometric data

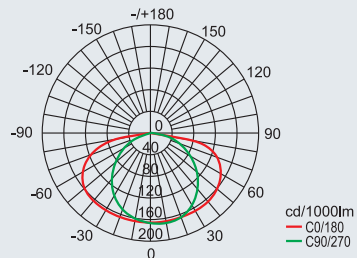
HRY81-QT 18W x 2

Rated luminous flux : 2600lm



HRY81-QT 36W x 2

Rated luminous flux : 6500lm



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

Zones 1&2; 21&22

Light Fittings for Fluorescent Lamp HRY81-QT Series Explosion-proof Fluorescent Lamp for Derrick

Technical data	
Explosion-proof fluorescent lamp for derrick HRY81-QT36x2□□	
Explosion protection	<ul style="list-style-type: none"> Gas explosion protection Dust explosion protection
Certificates	<ul style="list-style-type: none"> ATEX and IECEx (applied for); PCEC (China)
Conformity to standards	<ul style="list-style-type: none"> EN 60079-0, EN 60079-1, EN 60079-5, EN 60079-7, EN 60079-31 IEC 60079-0, IEC 60079-1, IEC 60079-5, IEC 60079-7, IEC 60079-31
Material	<ul style="list-style-type: none"> Main enclosure: Copper-free aluminium, anodic-oxidation treatment for surface. Both ends of enclosure: Copper-free aluminium, powder coated surface Diffuser: Polycarbonate, 90% light transmission, stands 7J impact Ballast: Electronic ballast, power factor ≥ 0.95 Exposed fastener: Stainless steel
Lamp	<ul style="list-style-type: none"> Lamp specification: T8 tube (supplied with light fittings) Lamp power (W): 18W x 2, 36W x 2 Emergency power (W): 18W x 1, 36W x 1
Rated voltage	96~254V AC 50/60Hz
Degree of protection	IP66
Ambient temperature	-40°C~+60°C
Terminal	3 x 1.5~4mm ² (L+N+PE)
Cable entries	1 x G3/4"
Cable gland	Supplied with seal gasket and gland nut; Cable gland on request.
Available cable outer diameter	Φ 10~Φ 14 (mm)
Emergency data	<ul style="list-style-type: none"> Emergency starting time: 0.3s Charging time: 24h Emergency lighting time: 120min (180min is optional)

