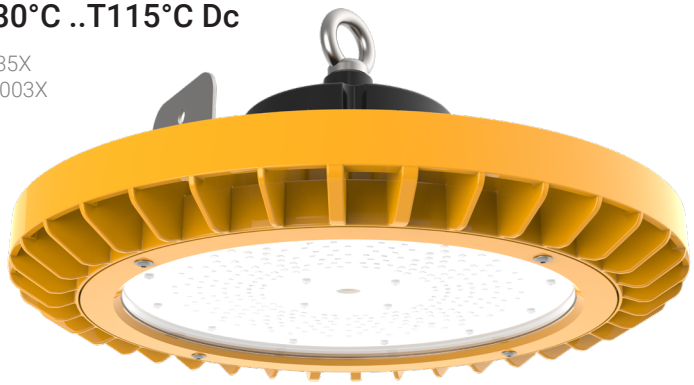
# OREx2 G2

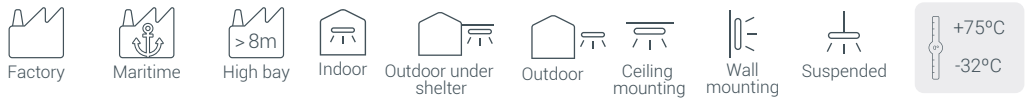
**Zone 2, 22**

## High bay lighting specific for explosive environments

**II 3G Ex ec op is IIC T5..T4 Gc**
**II 3D Ex tc op is IIIC T80°C ..T115°C Dc**

ATEX certificate No: OBAC 21 ATEX0135X
IECEX certificate No: IECEx OBAC 21.0003X






## Benefits

- High bay ready for hazardous environments with up to **41,850 lm**.
- Extreme resistance to weather and tough industrial conditions thanks to its glass cover and **copper-free** aluminium housing.
- Wide temperature range, from **-32ºC up to 75ºC**.
- Suitable for **outdoor**
- Several accessories to improve the installation.

## Characteristics

IP 66/67 | IK 10 | Frequency 0-50/60Hz | Rated voltage 90-305 VAC 140-250 VDC | NON-SELV

### Mechanical characteristics

| | |
|---|---|
| Housing | Copper-free casing aluminium alloy with surface protected against impacts and corrosive environments<br>Yellow RAL 1003<br>Grey RAL 7035 optional |
| Diffuser | Hardened glass |
| Eyebolt | Stainless steel |

### Electrical characteristics

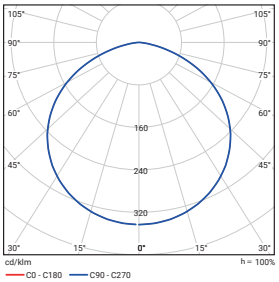
| | |
|---|---|
| Connection | ICB version: 3- pole screwless connector<br>3 - wire cable coming from the lamp |
| Power factor | > 0.97 full load |
| THD | < 15% full load |
| Inrush current | 75A full load |
| Class protection | Class I |
| Rated voltage | 90-305VAC / 140-250VDC |

### Functional characteristics

| | |
|---|---|
| Lifetime | L80 90,000 at 25ºC |
| Compliance | CE Ex IECEx<br>RoHS REACH |

### Photometrical characteristics

| | |
|---|---|
| SDCM | < 3 |



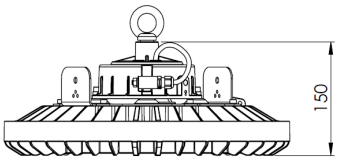

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# OREx2 G2

## Operational data

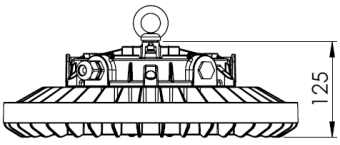
| Description | Order number | Luminous flux (lm) | Power (W) | Efficiency (lm/W) | Colour temperature (K) | CRI | Temperature range |
|---|---|---|---|---|---|---|---|
| OREx2 G2 38 62-840 0.25M | 10348760 | 6200 | 40 | 155 | 4000 | 80 | -32°C - +60°C |
| OREx2 G2 38 93-840 0.25M | 10348761 | 9300 | 60 | 155 | 4000 | 80 | -32°C - +60°C |
| OREx2 G2 38 124-840 0.25M | 10348762 | 12400 | 80 | 155 | 4000 | 80 | -32°C - +60°C |
| OREx2 G2 38 155-840 0.25M | 10348763 | 15500 | 100 | 155 | 4000 | 80 | -32°C - +60°C |
| OREx2 G2 38 186-840 0.25M | 10348764 | 18600 | 120 | 155 | 4000 | 80 | -32°C - +60°C |
| OREx2 G2 38 217-840 0.25M | 10348765 | 21700 | 140 | 155 | 4000 | 80 | -32°C - +55°C |
| OREx2 G2 38 232-840 0.25M | 10348766 | 23250 | 150 | 155 | 4000 | 80 | -32°C - +55°C |
| OREx2 G2 38 248-840 0.25M | 10348767 | 24800 | 160 | 155 | 4000 | 80 | -32°C - +55°C |
| OREx2 G2 38 279-840 0.25M | 10348768 | 27900 | 180 | 155 | 4000 | 80 | -32°C - +55°C |
| OREx2 G2 38 310-840 0.25M | 10348769 | 31000 | 200 | 155 | 4000 | 80 | -32°C - +55°C |
| OREx2 G2 38 341-840 0.25M | 10348770 | 34100 | 220 | 155 | 4000 | 80 | -32°C - +55°C |
| OREx2 G2 38 372-840 0.25M | 10348771 | 37200 | 240 | 155 | 4000 | 80 | -32°C - +55°C |
| OREx2 G2 38 403-840 0.25M | 10348772 | 40300 | 260 | 155 | 4000 | 80 | -32°C - +50°C |
| OREx2 G2 38 418-840 0.25M | 10348773 | 41850 | 270 | 155 | 4000 | 80 | -32°C - +50°C |
| **WITH CABLE GLAND (ICB)** | | | | | | | |
| OREx2 G2 38 155-840 CG ICB | 10348774 | 15500 | 100 | 155 | 4000 | 80 | -32°C - +60°C |
| OREx2 G2 38 186-840 CG ICB | 10348775 | 18600 | 120 | 155 | 4000 | 80 | -32°C - +60°C |
| OREx2 G2 38 248-840 CG ICB | 10348776 | 24800 | 160 | 155 | 4000 | 80 | -32°C - +55°C |
| OREx2 G2 38 310-840 CG ICB | 10348777 | 31000 | 200 | 155 | 4000 | 80 | -32°C - +55°C |
| OREx2 G2 38 403-840 CG ICB | 10348778 | 40300 | 260 | 155 | 4000 | 80 | -32°C - +50°C |
| **HIGH TEMPERATURE (HT)** | | | | | | | |
| OREx2 G2 38 62-840 0.25M HT | 10348757 | 6200 | 40 | 155 | 4000 | 80 | -32°C - +75°C |
| OREx2 G2 38 93-840 0.25M HT | 10348758 | 9300 | 60 | 155 | 4000 | 80 | -32°C - +75°C |
| OREx2 G2 38 124-840 0.25M HT | 10348759 | 12400 | 80 | 155 | 4000 | 80 | -32°C - +75°C |

| Description | Ø | Y | L x W x H | KG | Pcs/ | KG | Groupage | FTL / container |
|---|---|---|---|---|---|---|---|---|
| | mm | mm | mm | Item | Box | Box | Pcs/Euro pallet | Pcs/Double pallet |
| OREx2 G2 ... | 380 | 150 | 390 x | 6.8 | 1 | 7.8 | 48 | 48 |
| OREx2 G2... ICB | 380 | 125 | 390 x | 7.2 | 1 | 8.2 | 48 | 48 |
| OREx2 G2...HT | 380 | 390 | 440 x | 8.3 | 1 | 9.3 | 48 | 48 |

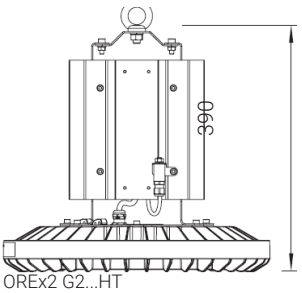



## Accesories

| | |
|---|---|
| 10348752 | Bracket for tube mounting for OREx G2 |
| 10348753 | Bracket for surface mounting for OREx G2 |
| 10230425 | ATEX junction box 80x75x75mm |
| 10225340 | ATEX junction box 122x120x90mm |
| 10376674 | Nickel brass Ex cable gland, M25, with nut and ring, 1 unit |
| 10376675 | Nickel brass Ex cable gland, M20, with nut and ring, 1 unit |



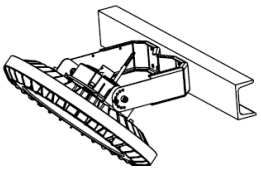
OREx2 G2...ICB

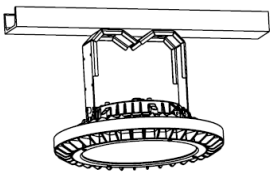


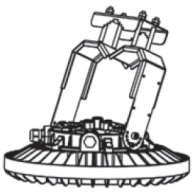
OREx2 G2...HT


10225340 / 10230425


10376674 / 10376675


Wall mounting


Celling mounting


Tube mounting

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