

With a wide range of options for ATEX projects

Ex II 2G Ex db IIC T6 Gb

Ex II 2D Ex tb IIIC T85°C Db

ATEX certificate No: INERIS 20ATEX0006X-01

IECEX certificate No: IECEx INE 20.0005X-1



5 YEARS
warranty



Benefits

- Suitable for environments up to 50°C, even outdoors.
- Compliant with gas groups IIA, IIB, IIC, due to its reduced MESH, making it perfect for almost all ATEX environments.
- DALI dimmable to optimize the use of light and save energy.
- Intelligent wireless control available.

Characteristics

IP 66 | IK 10 | Frequency 0-50/60Hz | Rated voltage 220-240V | NON-SELV |

Mechanical characteristics

| | |
|--------------|---|
| Profile | UV resistant polycarbonate 5 mm thickness |
| End caps | Aluminium alloy, yellow RAL 1003 |
| Gasket | Nitrile Butadiene Rubber (NBR) |
| Gear tray | White laquered steel plate |
| Cable entry | 2 entries of 3/4 NPT for cable gland (not included) |
| Fixing clips | See Accessories |

Functional characteristics

| | |
|-----------------|---|
| Lifetime | L80B50 50,000 hours at 25°C |
| Guarantee | 5 years |
| Fire protection | Flammability (UL94): V2 Glow wire test (EN 60695-2-11): 850° |

Electrical characteristics

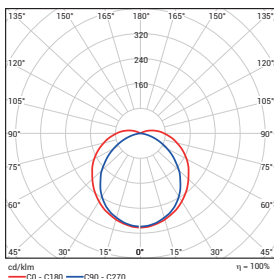
| | |
|------------|-----------------------------------|
| Connection | 3/5 pole push wire terminal block |
| THD | < 10% full load |

Compliance



Photometrical characteristics

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





KRATEx | PC

Description

| FAMILY | LENGHT (mm) | LUMINOUS FLUX (lm) | CRI | LIGHT COLOUR (K) | DRIVER | PROFILE | THROUGH WIRING | EMERGENCY KIT ¹ | END CAPS COLOUR |
|--|----------------------------------|--|----------|------------------|--|---------------------|------------------------|---|--------------------|
| > KRATEx HE > KRATEx NS HE: non-permanent emergency versions | > 0.3/300 > 0.6/600 > 1200 | > 20: ~ 2500 > 40: ~ 4750 > 100: ~ 11000 | > 8: >80 | > 40: 4000 | > ET: non-dimmable > ETDD: DALI > ETDD CS: Casambi dimmable | > PC: polycarbonate | > 3x2.5mm ² | > EB1: 1 hours > EB3: 3 hours > EB1.: 1 hour + autotest > EB3.: 3 hours + autotest | >_ yellow RAL 1003 |

Special options under request

Ask our Sales Team for more details

> 65: 6500K

> NiMH
> LFP

> 7035: grey RAL 7035

¹ With NiCd battery

Operational data

| Description | Order number | Luminous flux (lm) | Power (W) | Efficiency (lm/W) | Emergency luminous flux (lm) | Colour temperature (K) | CRI | Temperature range |
|---|--------------|--------------------|-----------|-------------------|------------------------------|------------------------|------|-------------------|
| KRATEx HE 300 13-840 ET PC | 10287649 | 1250 | 11 | 115 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 300 22-840 ET PC | 10287651 | 2150 | 20 | 110 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 600 25-840 ET PC | 10169101 | 2500 | 20 | 125 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 600 25-840 ET PC 3x2.5 | 10203309 | 2500 | 20 | 125 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 600 25-840 ETDD PC | 10203310 | 2500 | 20 | 125 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 600 25-840 ETDD PC CS | 10203311 | 2500 | 20 | 125 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 1200 48-840 ET PC | 10169107 | 4750 | 40 | 120 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 1200 48-840 ET PC 3x2.5 | 10203316 | 4750 | 40 | 120 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 1200 48-840 ETDD PC | 10203317 | 4750 | 40 | 120 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 1200 48-840 ETDD PC CS | 10203318 | 4750 | 40 | 120 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 1200 110-840 ET PC | 10203335 | 11000 | 80 | 140 | - | 4000 | > 80 | -20°C +50°C |
| KRATEx HE 1200 110-840 ETDD PC | 10203336 | 11000 | 80 | 140 | - | 4000 | > 80 | -20°C +50°C |
| EMERGENCY KIT | | | | | | | | |
| KRATEx HE 300 22-840 ET PC EB1. ² | 10287636 | 2150 | 24 | 90 | 750 | 4000 | > 80 | 0°C +55°C |
| KRATEx HE 600 25-840 ET PC EB1. ² | 10203326 | 2500 | 24 | 100 | 750 | 4000 | > 80 | 0°C +55°C |
| KRATEx HE 600 25-840 ET PC EB3. ² | 10203327 | 2500 | 30 | 83 | 750 | 4000 | > 80 | 0°C +55°C |
| KRATEx HE 600 25-840 ETDD PC EB1. ² | 10203314 | 2500 | 24 | 104 | 750 | 4000 | > 80 | 0°C +55°C |
| KRATEx HE 600 25-840 ETDD PC EB3. ² | 10203315 | 2500 | 30 | 83 | 750 | 4000 | > 80 | 0°C +55°C |
| KRATEx HE 1200 48-840 ET PC EB1. ² | 10169109 | 4750 | 40 | 118 | 750 | 4000 | > 80 | 0°C +55°C |
| KRATEx HE 1200 48-840 ET PC EB3. ² | 10169111 | 4750 | 45 | 110 | 750 | 4000 | > 80 | 0°C +55°C |
| KRATEx HE 1200 48-840 ETDD PC EB1. ² | 10203333 | 4750 | 40 | 120 | 750 | 4000 | > 80 | 0°C +55°C |
| KRATEx HE 1200 48-840 ETDD PC EB3. ² | 10203334 | 4750 | 45 | 110 | 750 | 4000 | > 80 | 0°C +55°C |
| KRATEx HE 1200 110-840 ET PC EB3. ² | 10381502 | 11000 | 80 | 137 | 750 | 4000 | > 80 | 0°C +50°C |
| NON PERMANENT EMERGENCY | | | | | | | | |
| KRATEx NS HE 0.3 4-840 ET PC EB3. | 10287633 | - | 5 | - | 350 | 4000 | > 80 | 0°C +50°C |
| KRATEx NS HE 0.3 8-840 ET PC EB3. | 10287635 | - | 5 | - | 750 | 4000 | > 80 | 0°C +50°C |
| KRATEx NS HE 0.6 8-840 ET PC EB1. | 10169103 | - | 5 | - | 750 | 4000 | > 80 | 0°C +50°C |
| KRATEx NS HE 0.6 8-840 ET PC EB3. | 10169105 | - | 5 | - | 750 | 4000 | > 80 | 0°C +50°C |

² In emergency versions maximum power consumption increases in 4W during battery charging, which is approximately 5% of the time that luminaire is on. The rest of the time power consumption is as indicated.

* Emergency luminaires have a special voltage and frequency range because they do not admit Vdc, therefore it is: 220-240V 50-60Hz.

* The luminaires with Casambi CS module, do not admit Vdc or 60Hz, therefore it is: 220-240V 50Hz.

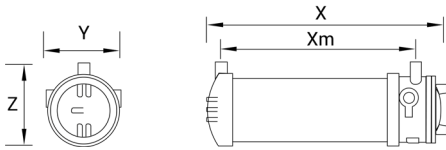


KRATEx | PC

Dimensions and logistics

| Description | X | Xm | Y | Z | | | | | |
|----------------------|------|------|-----|-----|------------------|--------------|------------------|------------------------------|-----------------------------------|
| | mm | mm | mm | mm | L x W x H mm | Pcs./ Box | Box ² | Groupage Pcs./Euro pallet | Double pallet Pcs./Euro pallet |
| KRATEx HE 300/0.3... | 485 | 375 | 157 | 173 | 510 x 170 x 220 | 1 | 4.4 | 48 | 32 + 32 |
| KRATEx HE 600/0.6... | 750 | 640 | 157 | 173 | 780 x 170 x 220 | 1 | 5.9 | 48 | 32 + 32 |
| KRATEx HE 1200... | 1360 | 1250 | 157 | 173 | 1390 x 240 x 180 | 1 | 11.2 | 24 | 16 + 16 |

² Weight in EB versions: +0.6KG and in 3x2.5 versions: +0.1KG
Please check with our Back Office to confirm logistic data



Accessories

| | |
|----------|---|
| 10078101 | Eye bolts, 2 units |
| 10078102 | Fixing omegas, 2 units |
| 10078104 | Brass double-sealed EX cable gland seals for armoured cable 3/4 NPT, 1 unit |



10078101



10078102



10078104