

# KRATEX | PC

With a wide range of options for ATEX projects



OIL & GAS	TRANSPORT	FACTORY	INDOOR	OUTDOOR UNDER SHELTER	OUTDOOR	WALL MOUNTING	CEILING MOUNTING	SUSPENDED	<b>5 YEARS</b> warranty	+40°C -20°C
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## Benefits

- Suitable for environments up to 40°C, even outdoors.
- Compliant with gas groups IIA, IIB, IIC, due to its reduced MESG, 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	
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### Mechanical characteristics

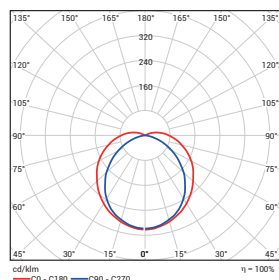
Profile	UV resistant polycarbonate 5 mm thickness
End caps	Aluminium alloy, yellow RAL 1003
Gasket	Nitrile Butadiene Rubber (NBR)
Gear tray	White laquered steel plate
Cable entry	2 entries of 3/4 NPT for cable gland (not included)
Fixing clips	See Accesories

### Electrical characteristics

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

### Photometrical characteristics

SDCM	< 3
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### 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°

Compliance



**Ex II 2G Ex db IIC T6 Gb**  
**Ex II 2D Ex tb IIIC T85°C Db**

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Description

FAMILY	LENGHT (mm)	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	PROFILE	THROUGH WIRING	EMERGENCY KIT	END CAPS COLOUR
> KRATEX HE > KRATEX NS HE: non-permanent emergency versions	> 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 <sup>2</sup>	> EB1: 1 hours > EB3: 3 hours	>... yellow RAL 1003
Special options under request									
Ask our Sales Team for more details				> 65: 6500K			> 7035: grey RAL 7035		

Operational data

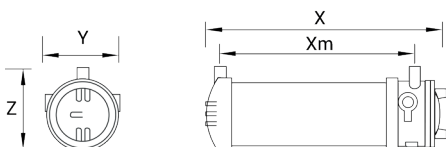
Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Emergency luminous flux (lm)	Colour temperature (K)	CRI
KRATEX HE 600 20-840 ET PC	10169101	2500	22	125	-	4000	> 80
KRATEX HE 600 20-840 ET PC 3x2.5	10203309	2500	22	125	-	4000	> 80
KRATEX HE 600 20-840 ET PC EB1 <sup>1</sup>	10203326	2500	25	100	750	4000	> 80
KRATEX HE 600 20-840 ET PC EB3 <sup>1</sup>	10203327	2500	25	100	750	4000	> 80
KRATEX HE 600 20-840 ETDD PC	10203310	2500	22	125	-	4000	> 80
KRATEX HE 600 20-840 ETDD CS PC	10203311	2500	22	125	-	4000	> 80
KRATEX HE 600 20-840 ETDD PC EB1 <sup>1</sup>	10203314	2500	25	100	750	4000	> 80
KRATEX HE 600 20-840 ETDD PC EB3 <sup>1</sup>	10203315	2500	25	100	750	4000	> 80
KRATEX HE 1200 40-840 ET PC	10169107	4750	40	120	-	4000	> 80
KRATEX HE 1200 40-840 ET PC 3x2.5	10203316	4750	40	120	-	4000	> 80
KRATEX HE 1200 40-840 ET PC EB1 <sup>1</sup>	10169109	4750	45	110	750	4000	> 80
KRATEX HE 1200 40-840 ET PC EB3 <sup>1</sup>	10169111	4750	45	110	750	4000	> 80
KRATEX HE 1200 40-840 ETDD PC	10203317	4750	40	120	-	4000	> 80
KRATEX HE 1200 40-840 ETDD CS PC	10203318	4750	40	120	-	4000	> 80
KRATEX HE 1200 40-840 ETDD PC EB1 <sup>1</sup>	10203333	4750	45	110	750	4000	> 80
KRATEX HE 1200 40-840 ETDD PC EB3 <sup>1</sup>	10203334	4750	45	110	750	4000	> 80
KRATEX HE 1200 100-840 ET PC	10203335	11000	80	140	-	4000	> 80
KRATEX HE 1200 100-840 ETDD PC	10203336	11000	80	140	-	4000	> 80
KRATEX NS HE 0.3 10-840 ET PC EB1 LFP	10287710	-	5	-	750	4000	> 80
KRATEX NS HE 0.6 20-840 ET PC EB1	10169103	-	5	-	750	4000	> 80
KRATEX NS HE 0.6 20-840 ET PC EB3	10169105	-	5	-	750	4000	> 80

<sup>1</sup> 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.

Dimensions and logistics

Description	X	Xm	Y	Z					
	mm	mm	mm	mm	L x W x H mm	Pcs./Box	Box <sup>2</sup>	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
KRATEX HE 600...	750	640	157	197	780 x 240 x 180	1	5.9	48	32 + 32
KRATEX HE 1200...	1360	1250	157	197	1390 x 240 x 180	1	11.2	24	16 + 16

<sup>2</sup> 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