

KRATEX | GLASS

With a wide range of options for ATEX projects



OIL & GAS	MARITIME	FACTORY	INDOOR	OUTDOOR UNDER SHELTER	OUTDOOR	WALL MOUNTING	CEILING MOUNTING	SUSPENDED	5 YEARS warranty	+55°C -20°C
-----------	----------	---------	--------	-----------------------	---------	---------------	------------------	-----------	-------------------------	----------------

Benefits

- Suitable for the hottest environments up to 55°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 07 IK 09	Frequency 0-50/60Hz	Rated voltage 220-240V	NON-SELV	
-------	----------------	------------------------	---------------------------	----------	--

Mechanical characteristics

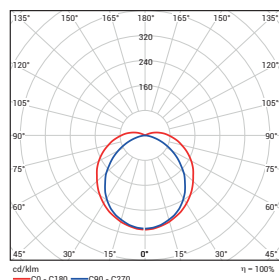
Profile	9 mm borosilicate glass
End caps	Aluminium alloy, yellow RAL 1003
Gasket	Nitrile Butadiene Rubber (NBR)
Gear tray	White laquered steel plate
Cable entry	2 entries of 3/4 NPT for cable gland (not included)
Fixing clips	See Accessories

Electrical characteristics

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

Photometrical characteristics

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



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

KRATEX | GLASS

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 (IK07) > 1200 (IK09)	> 20: ~ 2650 > 40: ~ 5000 > 100: ~ 11750	> 8: >80	> 40: 4000	> ET: non-dimmable > ETDD: DALI > ETDD CS: Casambi dimmmable	> GLASS: borosilicate glass	> 3x2.5mm ²	> 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

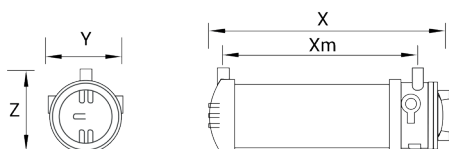
Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Emergency luminous flux (lm)	Colour temperature (K)	CRI
KRATEX HE 600 20-840 ET GLASS	10169102	2650	20	135	-	4000	> 80
KRATEX HE 600 20-840 ET GLASS 3x2.5	10203323	2650	22	135	-	4000	> 80
KRATEX HE 600 20-840 ET GLASS EB1 ¹	10203312	2650	25	105	800	4000	> 80
KRATEX HE 600 20-840 ET GLASS EB3 ¹	10203313	2650	25	105	800	4000	> 80
KRATEX HE 600 20-840 ETDD GLASS	10203324	2650	22	135	-	4000	> 80
KRATEX HE 600 20-840 ETDD CS GLASS	10203325	2650	22	135	-	4000	> 80
KRATEX HE 600 20-840 ETDD GLASS EB1 ¹	10203328	2650	25	105	800	4000	> 80
KRATEX HE 600 20-840 ETDD GLASS EB3 ¹	10203329	2650	25	105	800	4000	> 80
KRATEX HE 1200 40-840 ET GLASS	10169108	5000	40	125	-	4000	> 80
KRATEX HE 1200 40-840 ET GLASS 3x2.5	10203321	5000	40	125	-	4000	> 80
KRATEX HE 1200 40-840 ET GLASS EB1 ¹	10169110	5000	45	110	800	4000	> 80
KRATEX HE 1200 40-840 ET GLASS EB3 ¹	10169112	5000	45	110	800	4000	> 80
KRATEX HE 1200 40-840 ETDD GLASS	10203322	5000	40	125	-	4000	> 80
KRATEX HE 1200 40-840 ETDD CS GLASS	10203332	5000	40	125	-	4000	> 80
KRATEX HE 1200 40-840 ETDD GLASS EB1 ¹	10203319	5000	45	110	800	4000	> 80
KRATEX HE 1200 40-840 ETDD GLASS EB3 ¹	10203320	5000	45	110	800	4000	> 80
KRATEX HE 1200 100-840 ET GLASS	10223633	11750	80	150	-	4000	>80
KRATEX HE 1200 100-840 ETDD GLASS	10223634	11750	80	150	-	4000	>80
KRATEX NS HE 0.6 20-840 ET GLASS EB1	10169104	-	5	-	750	4000	>80
KRATEX NS HE 0.6 20-840 ET GLASS EB3	10169106	-	5	-	750	4000	>80

¹ 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 ²	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
KRATEX HE 600...	750	640	157	197	780 x 240 x 180	1	6.6	48	32 + 32
KRATEX HE 1200...	1360	1250	157	197	1390 x 240 x 180	1	11.6	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