

KE LUMINAIRE

The protected luminaire ready for the future



Benefits

- KE combines the best of extrusion and injection luminaires offering **high endurance** and **fully adaptability**.
- Robust for a wide range of temperatures, **up to 55°C**.
- Quick and safe connection with **up to 8 poles** ready for through wiring, phase connection, emergency and so on.
- Innovative lever locking system, for a quick and safe mounting and prepared for **vandal-proof environments**.

Characteristics



Mechanical characteristics

Profile	Injected polycarbonate with UV protection Upper part dark grey RAL 7046
Endcaps	Injected polycarbonate
Gasket	Thermoplastic polyurethane (TPU)
Gear tray	White lacquered steel plate
Cable entry	Cable gland

Electrical characteristics

Connection	3-8 poles WAGO quick connector
Power factor	>0.95 full load
THD	<10%
Flicker factor	<1%

Functional characteristics

Lifetime	L80 100,000 hours at 35°C
Guarantee	5 years
Fire protection	Flammability (UL94): V2 Glow wire test (EN 60595-2-11): 850°C

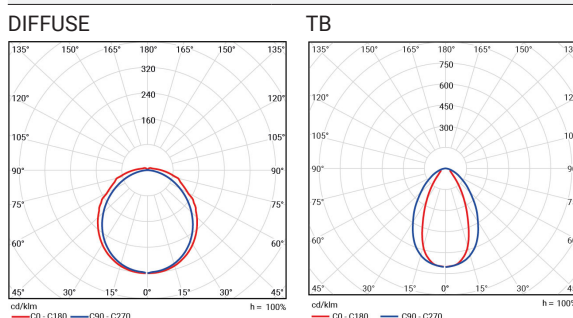


Compliance

RoHS REACH

Photometrical characteristics

SDCM	< 3
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KE LUMINAIRE

Description

FAMILY	LENGTH (mm)	OPTICS	LUMINOUS FLUX (lm)	CRI	LIGHT COLOUR (K)	DRIVER	PROFILE AND ENDCAPS	THROUGH WIRING	SENSOR	EMERGENCY KIT	HIGH TEMPERATURE
> KE	> 1200 > 1500	> -: Diffuse > TB: Narrow	> 40: 4000 > 60: 6000 > 100: 10000 > MF	> 8: >80	> 40: 4000	> ET: non-dimmable > ETDD: DALI dimmable >ETDD CS: Casambi dimmable	> PC: Polycarbonate	> 3x1.5mm ² > 5x2.5mm ²	> HFS: High frequency sensor	> EB3: 3 hours	> HT: Up to 55°C

Special options under request

Ask our Sales Team for more details	> 600		From 2000 to 10000	> 9: >90	> 30: 3000 > 50: 5000 > 65: 6500	> ETD: 1-10V dimmable > CLO: Constant Lumen Output > HCL: Human Centric Lighting	> PCC: chemical resistance	3x1.5mm ² to 8x2.5mm ²		> EB1: 1 hour > EB3 NDA: 3 hours DALI	
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More options available: · Connector: fast connector
· Protection Class II

Operational data

Description	Order number	Luminous flux (lm)	Power (W)	Efficiency (lm/W)	Colour temperature (K)	CRI	Temperature range
KHE 1.2 40-840 ET PC	10223668	4000	27	150	4000	>80	-25°C - +50°C
KHE 1.2 40-840 ETDD PC	10223745	4000	27	150	4000	>80	-25°C - +50°C
KHE 1.2 40-840 ET PC 3x1,5	10223752	4000	27	145	4000	>80	-25°C - +45°C
KHE 1.2 40-840 ETDD PC 5x2,5	10223753	4000	27	145	4000	>80	-25°C - +40°C
KHE 1.2 40-840 ETDD PC MF	10223746	4000	27	145	4000	>80	-25°C - +35°C
KHE 1.2 40-840 ETDD PC CSMB	10223747	4000	27	145	4000	>80	-25°C - +35°C
KHE 1.2 40-840 ET PC HFS	10223748	4000	27	145	4000	>80	-25°C - +35°C
KHE 1.2 40-840 ET PC EB3 ¹	10223749	4000	27	145	4000	>80	-25°C - +35°C
KHE 1.2 40-840 ET PC HT	10223750	4000	27	150	4000	>80	-40°C - +55°C
KHE 1.2 40-840 ETDD PC HT	10223751	4000	27	150	4000	>80	-40°C - +55°C
KHE 1.5 60-840 ET PC	10223754	6000	40	150	4000	>80	-25°C - +50°C
KHE 1.5 60-840 ETDD PC	10223755	6000	40	150	4000	>80	-25°C - +50°C
KHE 1.5 60-840 ET PC 3x1,5	10223762	6000	40	150	4000	>80	-25°C - +45°C
KHE 1.5 60-840 ETDD PC 5x2,5	10223763	6000	40	150	4000	>80	-25°C - +40°C
KHE 1.5 60-840 ETDD PC MF	10223756	6000	40	150	4000	>80	-25°C - +35°C
KHE 1.5 60-840 ETDD PC CSMB	10223757	6000	40	150	4000	>80	-25°C - +35°C
KHE 1.5 60-840 ET PC HFS	10223758	6000	40	150	4000	>80	-25°C - +35°C
KHE 1.5 60-840 ET PC EB3 ¹	10223759	6000	40	150	4000	>80	-25°C - +35°C
KHE 1.5 60-840 ET PC HT	10223760	6000	40	150	4000	>80	-40°C - +55°C
KHE 1.5 60-840 ETDD PC HT	10223761	6000	40	150	4000	>80	-40°C - +55°C
KHE 1.5 80-840 ET PC	10225374	8000	54	150	4000	>80	-25°C - +50°C
KHE 1.5 80-840 ETDD PC	10223575	8000	54	150	4000	>80	-25°C - +50°C
KHE 1.5 100-840 ET PC ²	10225062	10000	67	150	4000	>80	-25°C - +50°C
KHE 1.5 100-840 ETDD PC ²	10225064	10000	67	150	4000	>80	-25°C - +50°C
KHE 1.5 TB 100-840 ET PC ²	10225063	10000	64	156	4000	>80	-25°C - +50°C
KHE 1.5 TB 100-840 ETDD PC ²	10225065	10000	64	156	4000	>80	-25°C - +50°C
KHE 1.5 TB 100-840 ETDD PC ²	10225066	10000	64	156	4000	>80	-25°C - +35°C

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.

² Specific version for high bay lighting

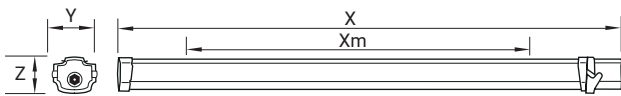
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Dimensions and logistics

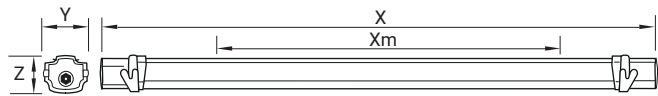
Description	X	Xm	Y	Z					
	mm	mm	mm	mm	L x W x H mm	Pcs./Box	Box	Groupage Pcs./Euro pallet	Double pallet Pcs./Euro pallet
KHE 1.2...	1372	800	120	100	1498 x 117 x 95	1	2.9	96	60 + 60
KHE 1.2... 3x1.5 / 5x2.5	1498	800	120	100	1498 x 117 x 95	1	3.1	96	60 + 60
KHE 1.5...	1664	1100	120	100	1790 x 117 x 95	1	3.6	96	60 + 60
KHE 1.5... 3x1.5 / 5x2.5	1790	1100	120	100	1790 x 117 x 95	1	3.8	96	60 + 60

Please check with our Back Office to confirm logistic data

Standard versions



Through wiring versions



Accessories

10103049	Suspension wire 2m hook and fastener, 1 unit ¹
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¹ 2 units required per luminaire

