

HLL LED metallic linear light fitting
for harsh & hazardous areas



Technical data

HLL linear LED



Certifications and compliances HLL-2-3L-D

EC-Type Examination Certificate	CML 17ATEX3305X	CML 17ATEX3305X
IECEX Certificate of Conformity	IECEX CQM 16.0030X	IECEX CQM 16.0030X
Cert. acc. TR CU 012/2011 EAC ¹⁾	KZ.7500361.22.01.03210	KZ.7500361.22.01.03210
Marking accd. to 2014/34/EU (with safety switch)	⊕ II 2 G Ex db eb ib mb op is IIC T6 Gb ⊕ II 2 D Ex tb op is IIIC T80 °C Db	⊕ II 2 G Ex db eb ib mb op is IIC T6 Gb ⊕ II 2 D Ex tb op is IIIC T80 °C Db
Marking accd. to IECEx (with safety switch)	Ex db eb ib mb IIC T6 Gb Ex tb IIIC T80 °C Db	Ex db eb ib mb IIC T6 Gb Ex tb IIIC T80 °C Db
Permissible ambient temperature	-40 °C up to +55 °C	-40 °C up to +55 °C
Degree of protection accd. to EN 60529	IP66	IP66

Certifications and compliances HLL-4-5L-D

LED System

Life expectancy LED module	L70 = 110,000 h at ta=25°C	L70 = 110,000 h at ta=25°C
CRI	> 70	> 70
Rated luminous flux of the luminaire (typical, ± 10 %)	2800 lm	5700 lm
Illuminance at measurement plane	comparable with luminaires for fluorescent lamps	comparable with luminaires for fluorescent lamps
Lamp/illuminant	30 W	60 W
Light colour	5700 K	5700 K

Electrical Ratings

Rated voltage	110 V - 240 V AC 108 V - 250 V DC	110 V - 240 V AC 108 V - 250 V DC
Power consumption	30 W	60 W
Frequency	50 - 60 Hz	50 - 60 Hz
Power factor cos φ	≥ 0.9	≥ 0.9
Circuit	EVG	EVG
Protection class	I	I
Connecting terminals	L1, L2, L3, L, N, PE; max. 2 x 6 mm ² per terminal	L1, L2, L3, L, N, PE; max. 2 x 6 mm ² per terminal

Fixture specifications

Dimensions (L x W x H)	735 x 183 x 130 mm	1335 x 183 x 130 mm
Weight	5 kg	10 kg
Enclosure material	Copper-free Aluminium	Copper-free Aluminium
Enclosure colour	Natural Aluminium / grey	Natural Aluminium / grey
Protective cover / protective bowl	Polycarbonate	Polycarbonate
Degree of protection accd. to EN 60529	IP66	IP66
Cable glands / gland plates / enclosure drilling	M25 x 1.5 thread ²⁾	M25 x 1.5 thread ²⁾

¹⁾ Please ask our sales representatives for the special order number

²⁾ With dustcover if entry/thread is not closed

Delivery without fixing material and cable glands

Mounting accessories see Main catalogue Part 1 Capt. 2.16.

Cable glands see Main catalogue Part 2 Capt. 2.3



Certifications and compliances HLL-2-3L-D-EM1

EC-Type Examination Certificate	CML 17ATEX3305X	CML 17ATEX3305X
IECEX Certificate of Conformity	IECEX CQM 16.0030X	IECEX CQM 16.0030X
Cert. acc. TR CU 012/2011 EAC ¹⁾	KZ.7500361.22.01.03210	KZ.7500361.22.01.03210
Marking accd. to 2014/34/EU (with safety switch)	⊕ II 2 G Ex db eb ib mb op is IIC T6 Gb ⊕ II 2 D Ex tb op is IIIC T80 °C Db	⊕ II 2 G Ex db eb ib mb op is IIC T6 Gb ⊕ II 2 D Ex tb op is IIIC T80 °C Db
Marking accd. to IECEX (with safety switch)	Ex db eb ib mb IIC T6 Gb Ex tb IIIC T80 °C Db	Ex db eb ib mb IIC T6 Gb Ex tb IIIC T80 °C Db
Permissible ambient temperature	-25 °C up to +55 °C	-25 °C up to +55 °C
Degree of protection accd. to EN 60529	IP66	IP66

HLL-4-5L-D-EM1

LED System

Life expectancy LED module	L70 = 110,000 h at ta=25°C	L70 = 110,000 h at ta=25°C
CRI	> 70	> 70
Rated luminous flux of the luminaire (typical, ± 10 %)	2800 lm	5700 lm
Luminous flux in emergency operation 25%	700 lm	1425 lm
Illuminance at measurement plane	comparable with luminaires for fluorescent lamps	comparable with luminaires for fluorescent lamps
Lamp/illuminant	30 W	60 W
Light colour	5700 K	5700 K

Electrical Ratings

Rated voltage	110 V - 240 V AC 108 V - 250 V DC	110 V - 240 V AC 108 V - 250 V DC
Power consumption	30 W	60 W
Frequency	50 - 60 Hz	50 - 60 Hz
Power factor cos φ	≥ 0.9	≥ 0.9
Circuit	EVG	EVG
Battery type	Ni-Cd 3 Ah	Ni-Cd 6 Ah
Rated emergency lighting duration	1,5 h (3h on request)	1,5 h (3h on request)
Protection class	I	I
Connecting terminals	L1, L2, L3, L, N, PE; max. 2 x 6 mm ² per terminal	L1, L2, L3, L, N, PE; max. 2 x 6 mm ² per terminal

Fixture specifications

Dimensions (L x W x H)	735 x 183 x 130 mm	1335 x 183 x 130 mm
Weight	5 kg	10 kg
Enclosure material	Copper-free Aluminium	Copper-free Aluminium
Enclosure colour	Natural Aluminium / grey	Natural Aluminium / grey
Protective cover / protective bowl	Polycarbonate	Polycarbonate
Degree of protection accd. to EN 60529	IP66	IP66
Cable glands / gland plates / enclosure drilling	M25 x 1.5 thread ²⁾	M25 x 1.5 thread ²⁾

¹⁾ Please ask our sales representatives for the special order number

²⁾ With dustcover if entry/thread is not closed

Delivery without fixing material and cable glands

Mounting accessories see Main catalogue Part 1 Capt. 2.16.

Cable glands see Main catalogue Part 2 Capt. 2.3

Ordering details

HLL linear LED



HLL-2-3L-D



HLL-4-5L-D

Ordering details

Type	Through wiring		Cable glands/threads	Order-No.
	single sided	twin sided		
HLL				
HLL-2-3L-D-1/6-225	X		2 x M25	CCL1622403A
HLL-2-3L-D-2/6-225		X	2-2 x M25	CCL1622419A
HLL-4-5L-D-1/6-225	X		2 x M25	CCL1622787A
HLL-4-5L-D-2/6-225		X	2-2 x M25	CCL1622803A

Ordering details

HLL-2-3L-D-EM1

HLL-4-5L-D-EM1

Type	Through wiring		Cable glands/threads	Order-No.
	single sided	twin sided		
HLL				
HLL-2-3L-D-EM1-1/6-225	X		2 x M25	CCL1622435A
HLL-2-3L-D-EM1-2/6-225		X	2-2 x M25	CCL1622451A
HLL-4-5L-D-EM1-1/6-225	X		2 x M25	CCL1622819A
HLL-4-5L-D-EM1-2/6-225		X	2-2 x M25	CCL1622835A



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