





# Technical data

## nHLL linear LED



### Certifications and compliances nHLL-2-C2-3L

EC-Type Examination Certificate	SEV 18 ATEX 0171X
IECEX Certificate of Conformity	IECEX NEP 18.0003X
Marking accd. to 2014/34/EU	⊕ II 3 G Ex db ec ib mb op is IIC T5/T6 Gc ⊕ II 2 D Ex tb op is IIIC T80°C Db
Marking accd. to IECEx	Ex db ec IIC T5/T6 Gc Ex ec IIC T5/T6 Gc
Permissible ambient temperature	-40 °C up to +55 °C
Degree of protection accd. to EN 60529	IP66

### nHLL-4-C2-5L/8L

EC-Type Examination Certificate	SEV 18 ATEX 0171X
IECEX Certificate of Conformity	IECEX NEP 18.0003X
Marking accd. to 2014/34/EU	⊕ II 3 G Ex db ec ib mb op is IIC T5/T6 Gc ⊕ II 2 D Ex tb op is IIIC T80°C Db
Marking accd. to IECEx	Ex ec ib mb IIC T5/T6 Gc Ex tb IIIC T80 °C Db
Permissible ambient temperature	-40 °C up to +55 °C
Degree of protection accd. to EN 60529	IP66

### LED System

Life expectancy LED module	L70 = 90,000 h at ta=25°C	L70 = 90,000 h at ta=25°C
CRI	> 70	> 70
Rated luminous flux of the luminaire (typical, ± 10 %)	3000 lm	5000 lm / 8000lm
Illuminance at measurement plane	comparable with luminaires for fluorescent lamps	comparable with luminaires for fluorescent lamps
Lamp/illuminant	40 W	60 W / 70 W
Light colour	5700 K	5700 K

### Electrical Ratings

Rated voltage	100 V - 240 V AC 108 V - 250 V DC	100 V - 240 V AC 108 V - 250 V DC
Power consumption	40 W	60 W / 70 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 <sup>2</sup> per terminal	L1, L2, L3, L, N, PE; max. 2 x 6 mm <sup>2</sup> 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 <sup>2)</sup>	M25 x 1.5 thread <sup>2)</sup>

<sup>1)</sup> Please ask our sales representatives for the special order number

<sup>2)</sup> 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 nHLL-2-C2-3L-EM1

EC-Type Examination Certificate	SEV 18 ATEX 0171X
IECEX Certificate of Conformity	IECEX NEP 18.0003X
Marking accd. to 2014/34/EU	⊕ II 3 G Ex ec ib mb op is IIC T5/T6 Gc ⊕ II 2 D Ex tb op is IIIC T80°C Db
Marking accd. to IECEx	Ex ec ib mb IIC T5/T6 Gc Ex tb IIIC T80 °C Db
Permissible ambient temperature	-25 °C up to +55 °C
Degree of protection accd. to EN 60529	IP66

### nHLL-4-C2-5L-EM1

EC-Type Examination Certificate	SEV 18 ATEX 0171X
IECEX Certificate of Conformity	IECEX NEP 18.0003X
Marking accd. to 2014/34/EU	⊕ II 3 G Ex ec ib mb op is IIC T5/T6 Gc ⊕ II 2 D Ex tb op is IIIC T80°C Db
Marking accd. to IECEx	Ex ec ib mb IIC T5/T6 Gc Ex tb IIIC T80 °C Db
Permissible ambient temperature	-25 °C up to +55 °C
Degree of protection accd. to EN 60529	IP66

### LED System

Life expectancy LED module	L70 = 90,000 h at ta=25°C	L70 = 90,000 h at ta=25°C
CRI	> 70	> 70
Rated luminous flux of the luminaire (typical, ± 10 %)	3000 lm	5000 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	40 W	60 W
Light colour	5700 K	5700 K

### Electrical Ratings

Rated voltage	100 V - 240 V AC 108 V - 250 V DC	100 V - 240 V AC 108 V - 250 V DC
Power consumption	40 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	1,5 h
Protection class	I	I
Connecting terminals	L1, L2, L3, L, N, PE; max. 2 x 6 mm <sup>2</sup> per terminal	L1, L2, L3, L, N, PE; max. 2 x 6 mm <sup>2</sup> 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 <sup>2)</sup>	M25 x 1.5 thread <sup>2)</sup>

<sup>1)</sup> Please ask our sales representatives for the special order number

<sup>2)</sup> 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

nHLL linear LED



## Ordering details

nHLL-2-C2-3L

nHLL-4-C2-5L/8I

Type	Through wiring		Cable glands/threads	Order-No.
	single sided	twin sided		
<b>nHLL</b>				
nHLL-2-C2-3L-1/6-225	X		2 x M25	<b>CCL1653760A</b>
nHLL-2-C2-3L-2/6-225		X	2-2 x M25	<b>CCL1653764A</b>
nHLL-4-C2-5L-1/6-225	X		2 x M25	<b>CCL1653920A</b>
nHLL-4-C2-5L-2/6-225		X	2-2 x M25	<b>CCL1653928A</b>
nHLL-4-C2-8L-1/6-225	X		2x M25	<b>CCL1654016A</b>
nHLL-4-C2-8L-2/6-225		X	2-2 x M25	<b>CCL1654024A</b>

## Ordering details

nHLL-2-C2-3L-EM1

nHLL-4-C2-5L-EM1

Type	Through wiring		Cable glands/threads	Order-No.
	single sided	twin sided		
<b>nHLL</b>				
nHLL-2-C2-3L-EM1-1/6-225	X		2 x M25	<b>CCL1653776A</b>
nHLL-2-C2-3L-EM1-2/6-225		X	2-2 x M25	<b>CCL1653784A</b>
nHLL-4-C2-5L-EM1-1/6-225	X		2 x M25	<b>CCL1653936A</b>
nHLL-4-C2-5L-EM1-2/6-225		X	2-2 x M25	<b>CCL1653944A</b>



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