

2.13

Ex-Linear luminaires for T5 HE fluorescent lamps

nLLK 10 14 W - 35 W
(Zone 2 and 22)

The energy-saving lighting solution

Certified for use in hazardous areas in Zone 2 and 22, the linear luminaires series nLLK 10 for T5 fluorescent lamps (Ø 16 mm) combines a cutting-edge lighting technology with the requirements of a harsh and hazardous environment.

Energy-saving lighting technology

The nLLK 10 luminaires for T5 fluorescent lamps help to improve safety and to save energy. The use of T5 HE lamps with improved efficiency and high quality lighting results in a significant energy saving, which in turn reduces your operating costs significantly.

Long-term safety

The luminaires of this robust lighting series with plastic housings are equipped with a highly-efficient electronic ballast, which has a reliable EOL circuit. Thus, the lamps are checked for proper operation and shut down safely in the event of a malfunction at the end of the service life. With these luminaires, you are always on the safe side.

Simple and cost-effective installation

In conjunction with the generously dimensioned terminal compartment, the standard single-ended through-wiring allows a cost-effective installation. The double-sided locking facility with 10, 20 or 24 latch points allows the protective bowl to be hinged on both sides, meaning that the fitting can be mounted on either side.



Features

- Energy savings by modern, efficient T5 fluorescent lamps (Ø 16 mm)
- Cost-effective installation due to single-ended through-wiring
- High safety due to EVG with EOL monitoring
- Double-sided safety lock
- High degree of protection IP66

Ordering details



nLLK 10014/14

Type	Content	Terminals	Through-wiring single-ended	Through-wiring twin-ended	Cable gland/ thread	Threaded plug	Blanking plug	Order No.
nLLK 10014/14 (2 x 14 W)	1/6-1K	1 x 6	x	–	2 x M25, plastic		1	1 3467 214 001
nLLK 10014/14 (2 x 14 W)	2/5-2K	2 x 6	x	–	2 x M25, plastic	2 x M25	1	1 3467 214 011
nLLK 10014/14 (2 x 14 W)	1/6-1M ¹⁾	1 x 6	x	–	2 x M25, plastic	1 x M20		1 3467 214 021
nLLK 10014/14 (2 x 14 W)	2/6-2M ¹⁾	2 x 6	x	–	4 x M20, metal thread	2 x M20		1 3467 214 031



nLLK 10028/28

nLLK 10028/28 (2 x 28 W)	1/6-1K	1 x 6	x	–	2 x M25, plastic		1	1 3467 228 001
nLLK 10028/28 (2 x 28 W)	2/5-2K	2 x 6	x	–	2 x M25, plastic	2 x M25	1	1 3467 228 011
nLLK 10028/28 (2 x 28 W)	1/6-1M ¹⁾	1 x 6	x	–	2 x M25, plastic	1 x M20		1 3467 228 021
nLLK 10028/28 (2 x 28 W)	2/6-2M ¹⁾	2 x 6	x	–	4 x M20, metal thread	2 x M20		1 3467 228 031



nLLK 10035/35

nLLK 10035/35 (2 x 35 W)	1/6-1K	1 x 6	x	–	2 x M25, plastic		1	1 3467 235 001
nLLK 10035/35 (2 x 35 W)	2/5-2K	2 x 6	x	–	2 x M25, plastic	2 x M25	1	1 3467 235 011
nLLK 10035/35 (2 x 35 W)	1/6-1M ¹⁾	1 x 6	x	–	2 x M20, metal thread	1 x M20		1 3467 235 021
nLLK 10035/35 (2 x 35 W)	2/6-2M ¹⁾	2 x 6	x	–	4 x M20, metal thread	2 x M20		1 3467 235 031

¹⁾ with metal thread, without cable gland

Scope of delivery without lamp and fixing accessories

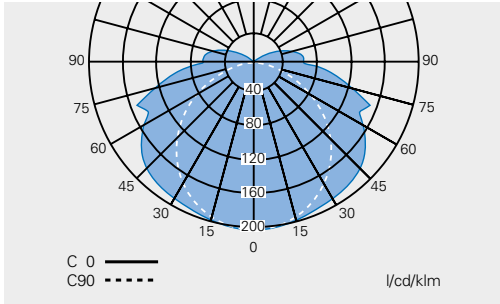
Metal cable glands see catalogue part 2: 2.3.12 ff

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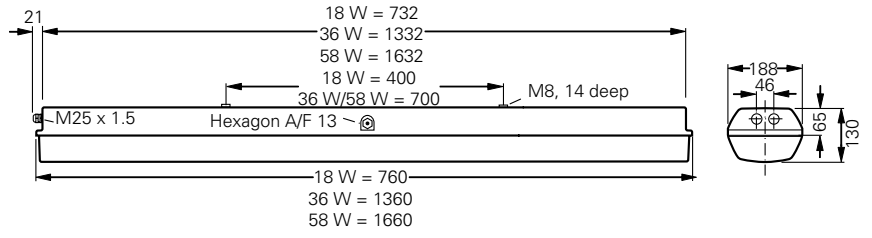
Dimension drawing / Polar curve

nLLK 10 14 W - 35 W

**Polar curve nLLK 10014/14 /
nLLK 10028/28 /
nLLK 10035/35**



nLLK 10...



Dimensions in mm



Technical data

	nLLK 10014/14	nLLK 10028/28
Type Examination Certificate	BVS 10 ATEX E 149	BVS 10 ATEX E 149
Marking accd. to 2014/34/EU	⊕ II 3 G Ex nA de IIC T4 Gc ⊕ II 3 D Ex tc IIIC T80 °C Dc IP66	⊕ II 3 G Ex nA de IIC T4 Gc ⊕ II 3 D Ex tc IIIC T80 °C Dc IP66
Permissible ambient temperature	-25 °C up to + 50 °C (to +45 °C with DGV)	-25 °C up to + 50 °C (to +45 °C with DGV)
IK-class according to IEC/EN 62262	IK 10 ± 20 J	IK 10 ± 20 J
Rated voltage	220 - 240 V AC / DC	220 - 240 V AC / DC
Rated current	0.13 A	0.26 A
Frequency	50 - 60 Hz	50 - 60 Hz
Power factor cos φ	≥ 0.95	≥ 0.95
Circuit	EVG	EVG
Protection class	I	I
Lamp / Illuminant	2 x T5 / 14 W HE	2 x T5 / 28 W HE
Rated luminous flux	2400 lm ¹⁾	5200 lm ¹⁾
Lamp cap	G5 accord. IEC 60061-1	G5 accord. IEC 60061-1
Light output ratio	86%	85%
Dimensions (L x W x H)	760 x 188 x 130 mm	1360 x 188 x 130 mm
Connecting terminals	L, L1, L2, L3, N, PE screw-type terminals max 6 mm ² single wire	L, L1, L2, L3, N, PE screw-type terminals max 6 mm ² single wire
Enclosure colour	RAL 7035 light grey	RAL 7035 light grey
Enclosure material	glass-fibre reinforced polyester	glass-fibre reinforced polyester
Weight	3.6 kg	5.8 kg
Cable glands / gland plates / enclosure drilling	Ex e cable glands M 25 x 1.5 (plastic) optional M 20 x 1.5 metal thread ²⁾	Ex e cable glands M 25 x 1.5 (plastic) optional M 20 x 1.5 metal thread ²⁾
Degree of protection accd. to EN 60529	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate

¹⁾ depends on used lamps

²⁾ with dustcover if entry/thread is not closed

DGV: Through-wiring 2/6



Technical data

nLLK 10035/35

Type Examination Certificate	BVS 10 ATEX E 149
Marking accd. to 2014/34/EU	Ⓜ II 3 G Ex nA de IIC T4 Gc Ⓜ II 3 D Ex tc IIIC T80 °C Dc IP66
Permissible ambient temperature	-25 °C up to + 45 °C (bis +40 °C with through-wiring 2/6)
IK-class according to IEC/EN 62262	IK 10 \pm 20 J
Rated voltage	220 - 240 V AC / DC
Rated current	0.33 A
Frequency	50 - 60 Hz
Power factor cos ϕ	\geq 0.95
Circuit	EVG
Protection class	I
Lamp / Illuminant	2 x T5 / 35 W HE
Rated luminous flux	6600 lm ¹⁾
Lamp cap	G5 accord. IEC 60061-1
Light output ratio	85%
Dimensions (L x W x H)	1660 x 188 x 130 mm
Connecting terminals	L, L1, L2, L3, N, PE screw-type terminals max 6 mm ² single wire
Enclosure colour	RAL 7035 light grey
Enclosure material	glass-fibre reinforced polyester
Weight	7.3 kg
Cable glands / gland plates / enclosure drilling	Ex e cable glands M 25 x 1.5 (plastic) optional M 20 x 1.5 metal thread ²⁾
Degree of protection accd. to EN 60529	IP66
Protective cover / protective bowl	Polycarbonate

¹⁾ depends on used lamps

²⁾ with dustcover if entry/thread is not closed