LLK 15 LED Industrial Linear Light Fitting

Linear Light Fitting with LED Tubes

The efficient LED solution for your industrial lighting engineering

The series of industrial light fittings LLK 15 LED for Aura UltiLED (Pro) long life LED tubes combines latest lighting engineering with the requirements of rough environments. The IP66 housing together with the IP65 Aura tubes ensures the most reliable protection in harsh and aggressive environments.

Reliable and powerful the LLK 15 LED luminaries increase the safety your industrial plant and save energy. This energy saving and the optimised illumination was the result of Aura UltiLED (Pro) long life LED tubes in combination with a special designed electronic driver that will sustainably reduce your operating costs.

Easy and economically to install

The standard single-sided through-wiring architecture in conjunction with the generously large terminal compartment offers a cost efficient installation. Double-sided lock with latch points allows the protective bow to be hingeable on both sides meaning the fitting can be mounted without having to pay attention to right side.

Options

The series of light fittings LLK 15 LED optionally is also available with integrated light switch. This switch automatically ensures the all-pole disconnection from mains of the open light fitting.

Via the optional DALI interface the light fittings individually can be controlled and dimmed.

Features

- High Efficient & Energy saving LED technology
- Wide ambient temperature range from-40 °C up to +55 °C
- Easy maintenance by double sided safety lock
- High lumen output
- High degree of protection IP 66 with IP65 tube
- Dali as option

Ordering details

Type	Content	Terminals	Through-wiring single-ended	Through-wiring twin-ended	Cable gland/ thread	Threaded plug	Blanking plug	Order No.
LLK 15 LED 600								
LLK 15 LED 600 (2 x 8 W)	1/6-1K	1 x 6	x	–	1 x M25, plastic	1 x M25		**1 3477 208 001**
LLK 15 LED 600 (2 x 8 W)	2/6-2K	2 x 6	–	x	2 x M25, plastic	2 x M25	1	**1 3477 208 011**
LLK 15 LED 600 (2 x 8 W)	1/6-1M [1]	1 x 6	x	–	2 x M20, metal thread	1 x M20		**1 3477 208 021**
LLK 15 LED 600 (2 x 8 W)	2/6-2M [1]	2 x 6	–	x	4 x M20, metal thread	2 x M20		**1 3477 208 031**

LLK 15 LED 1200								
LLK 15 LED 1200 (2 x 17 W / 28 W)	1/6-1K	1 x 6	x	–	1 x M25, plastic	1 x M25		**1 3477 217 001**
LLK 15 LED 1200 (2 x 17 W / 28 W)	2/6-2K	2 x 6	–	x	2 x M25, plastic	2 x M25	1	**1 3477 217 011**
LLK 15 LED 1200 (2 x 17 W / 28 W)	1/6-1M [1]	1 x 6	x	–	2 x M20, metal thread	1 x M20		**1 3477 217 021**
LLK 15 LED 1200 (2 x 17 W / 28 W)	2/6-2M [1]	2 x 6	–	x	4 x M20, metal thread	2 x M20		**1 3477 217 031**

LLK 15 LED 1500								
LLK 15 LED 1500 (2 x 23 W / 34 W)	1/6-1K	1 x 6	x	–	1 x M25, plastic	1 x M25		**1 3477 223 001**
LLK 15 LED 1500 (2 x 23 W / 34 W)	2/6-2K	2 x 6	–	x	2 x M25, plastic	2 x M25	1	**1 3477 223 011**
LLK 15 LED 1500 (2 x 23 W / 34 W)	1/6-1M [1]	1 x 6	x	–	2 x M20, metal thread	1 x M20		**1 3477 223 021**
LLK 15 LED 1500 (2 x 23 W / 34 W)	2/6-2M [1]	2 x 6	–	x	4 x M20, metal thread	2 x M20		**1 3477 223 031**

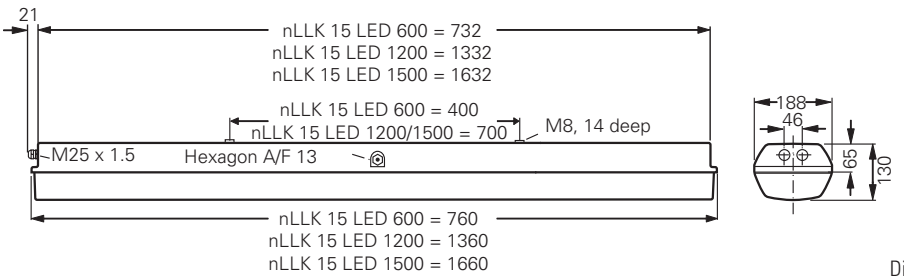
[1] with metal thread, without cable gland / Metal cable glands see catalogue part 2: 2.3.12 ff

Scope of delivery without lamp and fixing accessories. Please order LED tubes separately.

LED tubes

Type	Application	Luminous flux	Light colour / CR	Length	Order No.
Aura UltiLED Long Life (G4) 840 8 W	LLK 15 LED 600	1.100 lm	4.000 K / R_a 80	600 mm	**3 2475 902 002**
Aura UltiLED Long Life (G4) 840 17 W	LLK 15 LED 1200	2.220 lm	4.000 K / R_a 80	1,200 mm	**3 2475 902 004**
Aura UltiLED Long Life (G4) 840 23 W	LLK 15 LED 1500	3.000 lm	4.000 K / R_a 80	1,500 mm	**3 2475 902 006**
Aura UltiLED Pro Long Life (G3) 840 26 W	LLK 15 LED 1200	3.800 lm	4.000 K / R_a 80	1,200 mm	**3 2475 902 102**
Aura UltiLED Pro Long Life (G3) 840 32 W	LLK 15 LED 1500	4.750 lm	4.000 K / R_a 80	1,500 mm	**3 2475 902 105**

Dimension drawing LLK 15...



Dimensions in mm

Technical data / polar curve

LLK 15 LED

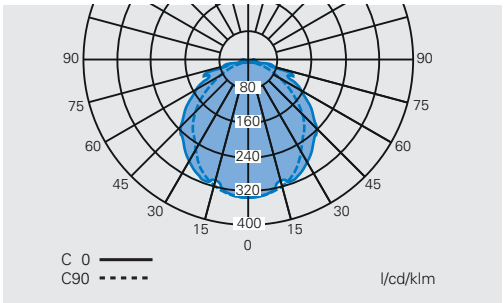
Technical data

	LLK 15 LED 600	LLK 15 LED 1200
Permissible ambient temperature	-40 °C up to +50 °C (+55 °C on request)	-40 °C up to +45 °C
Lifetime electronic driver	>160,000 h @ 25 °C	>100,000 h @ 25 °C
Lifetime LED tubes	L80/B10 >58,000 h @ 25 °C (Long Life) L80/B10 >131.000 h @ 25 °C (Pro Long Life)	L80/B10 >58,000 h @ 25 °C (Long Life) L80/B10 >131.000 h @ 25 °C (Pro Long Life)
IK-class according to EN 50102	IK 10 ≙ 20 J	IK 10 ≙ 20 J
Rated voltage	220 - 240 V AC / DC	220 - 240 V AC / DC
Rated current	0.096 A	0.173 A
Frequency	0/50 - 60 Hz	0/50 - 60 Hz
Power factor cos φ	≥ 0.90	≥ 0.90
Circuit	electronic driver	electronic driver
Protection class	I	I
Lamp / Illuminant	2 x Aura UltiLED Long Life 8 W [1]	2 x Aura UltiLED Long Life 17 W or 2 x Aura UltiLED Pro Long Life 26 W) [1]
Light output ratio	83.9 %	86.4 %
Rated luminous flux of the luminaire	1,845 lm [1]	3,835 lm (17 W) / 6394 lm (28 W, Pro) [1]
Lamp cap	G5 accord. IEC 60061-1	G5 accord. IEC 60061-1
Dimensions (L x W x H)	760 x 188 x 130 mm,,,,	1,360 x 188 x 130 mm
Connecting terminals	L, L1, L2, L3, N, PE screw-type terminals max. 6 mm² single wire	L, L1, L2, L3, N, PE screw-type terminals max. 6 mm² 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

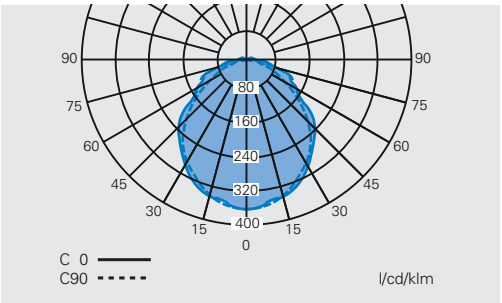
[1] please order the lamps separately

[2] with dustcover if entry/thread is not closed

Polar curve LLK 15 LED 600



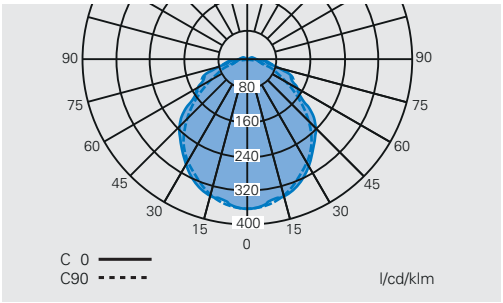
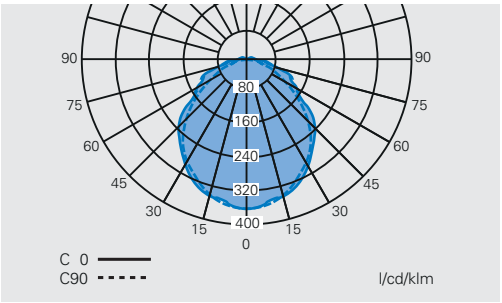
Polar curve LLK 15 LED 1200



Dimensions in mm

LLK 15 LED 1500
-25 °C up to +45 °C
>100,000 h @ 25 °C
L80/B10 >58,000 h @ 25 °C (Long Life) L80/B10 >131.000 h @ 25 °C (Pro Long Life)
IK 10 ≙ 20 J
220 - 240 V AC / DC
0.237 A / 0.343 A
0/50 - 60 Hz
≥ 0.90
Electronic driver
I
2 x Aura UltiLED Long Life 23 W or 2 x Aura UltiLED Pro Long Life 32 W [1]
86.4 %
5,184 lm (17 W) / 8208 lm (32 W, Pro) [1]
G5 accord. IEC 60061-1
1,632 x 188 x 130 mm
L, L1, L2, L3, N, PE screw-type terminals max. 6 mm² single wire
RAL 7035 light grey
Glass-fibre reinforced polyester
7.3 kg
Ex e cable glands M 25 x 1.5 (plastic) optional M 20 x 1.5 metal thread)[2]
IP66
Polycarbonate

Polar curve LLK 15 LED 1500



Polar curve LLK 15 LED 1200 Pro / 1500 Pro