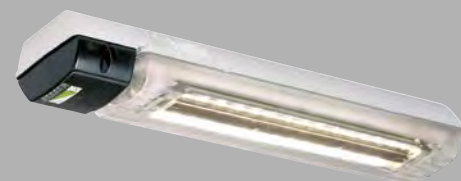
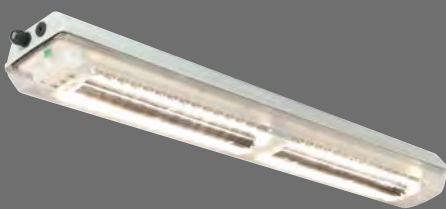


Explosion-protected  
Linear LED Light Fitting for Zone 1 and 21

CEAG Products

# eLLK/M 92 LED 400/800



**Crouse-Hinds**  
by **EAT•N**

# Ex-linear LED light fittings

eLLK/M 92 LED 400/800 / eLLK/M 92 LED 400/800 CG-S/NIB  
(Zone 1, 2, 21, 22)

## The efficient solution for your explosion-protected lighting concept

The explosion-protected linear light fittings series eLLK / M 92 LED 400/800 combines the latest LED technology with the protection of a reliable housing solution. As a result, this light fitting series is the ideal solution for lighting tasks in harsh and hazardous environments.

## Latest lighting technology for a proven lighting concept

As a leading manufacturer of explosion-protected luminaires, we have designed a revolutionary LED module to fit into the existing eLLK/M 92018/18 and

eLLK/M 92036/36. The linear LED module can also be used for converting existing eLLK/M 92 light fittings with fluorescent lamps and an electronic ballast electronic ballast (EVG 09) into LED linear light fittings in just few simple steps. A special designed reflector system directs the light output of the high power LEDs to the working area without any multi-shadowing or light pollution.

The LED system design and certification allow the use in the tried and tested Ex e technology of the eLLK/M 92 light fittings. With the use of our electronic ballast EVG 09 as the driver, we can rely on more than 20 years successful operation in harsh and hazardous environments.

## The advantages of the LED module:

- Environmentally friendly, no mercury
- Shock and vibration resistant, no filament or glass to break
- Immediate start, instant full illumination
- No life time reduction due to switching cycles
- Reduced disposal costs

## Energy and cost savings

- 20% energy savings compared to fluorescent lamps
- Additional energy savings due to operation on demand (night/day and presence-mode)
- Reduced maintenance costs compared to standard fluorescent lamps
- Lower overall cost of ownership

## Operating life

- The expected operating life of a Cooper Crouse-Hinds LED module is 60,000 hours. This is a significant improvement compared to traditional light sources.
- Heat sinks are specifically engineered to remove heat from the LEDs to ensure a longer life, better lumen output and accurate colour temperature.
- Fully operational with CG-S modules for connection to CEAG central battery emergency lighting systems.

## Easy and cost-effective installation

Like all the luminaires in the eLLK lighting family, our standard LED linear luminaires feature a single-ended through-wiring, which, in conjunction with the generously dimensioned terminal compartment, allows a cost-effective installation. The double-sided locking facility with 10 or 20 latch points allows the protective bowl to be hinged on both sides, meaning that the fitting can be mounted on either side.

## International certification

Special versions according to the NEC standards are available for the use on the American market.

## Features

- 20 % energy savings compared to similar fluorescent luminaires
- Special reflector design with indirect light distribution prevents undue glare and multi-shadowing
- Tried and tested technology; the EVG 09 has been used as a driver for more than 20 years
- Various light colours available- 4000 K / 5600 K
- Selected LED chips with perfect binning, low power loss and long life
- Ex-e technology for easy maintenance
- For ambient temperatures from -25 °C up to +45 °C / +55°C (HT)
- Special version to NEC standards (CSA)



## Ordering details



Type	Version	Terminals	Through-wiring single-ended	Through-wiring twin-ended	Cable gland/thread	Threaded plug	Blanking plug	Order No.
<b>eLLK 92 LED 400</b>								
eLLK 92 LED 400	1/6-1K	1 x 6	x	–	2 x M25, plastic		1	<b>1 2265 500 101</b>
eLLK 92 LED 400	2/6-2K	2 x 6	–	x	2 x M25, plastic	2 x M25		<b>1 2265 500 103</b>
eLLK 92 LED 400	1/6-1M <sup>1)</sup>	1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2265 500 109</b>
eLLK 92 LED 400	2/6-2M <sup>1)</sup>	2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2265 500 111</b>
eLLK 92 LED 400 <b>CSA</b>	1/6- NPT	1 x 6	x	–	2 x M25 - 3/4" Myers hub	2 x M25		<b>1 2265 500 309</b>
eLLK 92 LED 400 <b>CSA</b>	1/6- NPT	1 x 6	x	–	2 x M25 - 1/2" Myers hub	2 x M25		<b>1 2265 500 310</b>
eLLK 92 LED 400 <b>CSA</b>	2/6- NPT	2 x 6	–	x	2 x M25 - 3/4" Myers hub	2 x M25		<b>1 2265 500 311</b>



<b>eLLK 92 LED 800</b>								
eLLK 92 LED 800	1/6-1K	1 x 6	x	–	2 x M25, plastic		1	<b>1 2266 500 101</b>
eLLK 92 LED 800	2/6-2K	2 x 6	–	x	2 x M25, plastic	2 x M25		<b>1 2266 500 103</b>
eLLK 92 LED 800	1/6-1M <sup>1)</sup>	1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2266 500 109</b>
eLLK 92 LED 800	2/6-2M <sup>1)</sup>	2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2266 500 111</b>
eLLK 92 LED 800 <b>CSA</b>	1/6- NPT	1 x 6	x	–	2 x M25 - 3/4" Myer hub	2 x M25		<b>1 2266 500 309</b>
eLLK 92 LED 800 <b>CSA</b>	1/6- NPT	1 x 6	x	–	2 x M25 - 1/2" Myer hub	2 x M25		<b>1 2266 500 310</b>
eLLK 92 LED 800 <b>CSA</b>	2/6- NPT	2 x 6	–	x	2 x M25 - 3/4" Myer hub	2 x M25		<b>1 2266 500 311</b>



<b>eLLM 92 LED</b>								
eLLM 92 LED 400	1/3-1K	1 x 3	–	–	1 x M25, plastic			<b>1 2268 500 101</b>
eLLM 92 LED 800	1/3-1K	1 x 3	–	–	1 x M25, plastic			<b>1 2269 500 101</b>



<b>eLLK 92 LED 400 CG-S <sup>2)</sup></b>								
eLLK 92 LED 400 CG-S	2/6-2K	2 x 6	–	x	2 x M25, plastic	2 x M25		<b>1 2265 510 103</b>
eLLK 92 LED 400 CG-S	2/6-2M <sup>1)</sup>	2 x 6	–	x	4 x M20, metal thread	2 x M25		<b>1 2265 510 111</b>



<b>eLLK 92 LED 800 CG-S <sup>2)</sup></b>								
eLLK 92 LED 800 CG-S	2/6-2K	2 x 6	–	x	2 x M25, plastic	2 x M25		<b>1 2266 510 103</b>
eLLK 92 LED 800 CG-S	2/6-2M <sup>1)</sup>	2 x 6	–	x	4 x M20, metal thread	2 x M25		<b>1 2266 510 111</b>

Type	Version	Terminals	Through-wiring single-ended	Through-wiring twin-ended	Cable gland/thread	Threaded plug	Blanking plug	Order No. 110-127 V AC	Order No. 220-254 V AC
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<b>eLLK 92 LED 400 NIB <sup>3)</sup></b>									
eLLK 92 LED 400 NIB	1/6-1K	1 x 6	x	–	2 x M25, plastic		1	<b>1 2260 579 401</b>	<b>1 2260 579 101</b>
eLLK 92 LED 400 NIB	2/6-2K	2 x 6	–	x	2 x M25, plastic	2 x M25		<b>1 2260 579 403</b>	<b>1 2260 579 103</b>
eLLK 92 LED 400 NIB	1/6-1M <sup>1)</sup>	1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2260 579 409</b>	<b>1 2260 579 109</b>
eLLK 92 LED 400 NIB	2/6-2M <sup>1)</sup>	2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2260 579 411</b>	<b>1 2260 579 111</b>
eLLK 92 LED 400 NIB <b>CSA</b>	2/6-2 NPT	2 x 6	–	x	2 x M25 - 3/4" Myers hub	2 x M25		<b>1 2260 579 333</b>	<b>1 2260 579 311</b>



<b>eLLK 92 LED 800 NIB <sup>3)</sup></b>									
eLLK 92 LED 800 NIB	1/6-1K	1 x 6	x	–	2 x M25, plastic		1	<b>1 2261 579 401</b>	<b>1 2261 579 101</b>
eLLK 92 LED 800 NIB	2/6-2K	2 x 6	–	x	2 x M25, plastic	2 x M25		<b>1 2261 579 403</b>	<b>1 2261 579 103</b>
eLLK 92 LED 800 NIB	1/6-1M <sup>1)</sup>	1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2261 579 409</b>	<b>1 2261 579 109</b>
eLLK 92 LED 800 NIB <b>CSA</b>	2/6-2 NPT	2 x 6	–	x	2 x M25 - 3/4" Myers hub	2 x M25		<b>1 2261 579 333</b>	<b>1 2261 579 311</b>



<b>eLLM 92 LED 400 NIB <sup>3)</sup></b>									
eLLM 92 LED 400 NIB	1/3-1K	1 x 6	–	–	2 x M25, plastic			<b>1 2273 569 101</b>	

Scope of delivery including LED-module, without fixing material

Metal cable glands see catalogue part 2: 2.3.12 ff

<sup>1)</sup> with metal thread, without cable gland

<sup>2)</sup> for operation with CEAG-emergency supply system








<sup>3)</sup> Self-contained emergency light fitting



# Ordering details

eLLK/M 92 LED 400/800

## Ordering details

Type	Version	Terminals	Through-wiring single-ended	Through-wiring twin-ended	Cable gland/thread	Threaded plug	Blanking plug	Order No.	
<b>eLLK 92 LED 400 with 5600 K light colour</b>									
	eLLK 92 LED 400	1/6-1M <sup>1)</sup> 1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2265 502 109</b>	
	eLLK 92 LED 400	2/6-2M <sup>1)</sup> 2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2265 502 111</b>	
<b>eLLK 92 LED 800 with 5600 K light colour</b>									
	eLLK 92 LED 800	1/6-1M <sup>1)</sup> 1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2266 502 109</b>	
	eLLK 92 LED 800	2/6-2M <sup>1)</sup> 2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2266 502 111</b>	
<b>eLLK 92 LED 400 CG-S with 5600 K light colour <sup>2)</sup></b>									
	eLLK 92 LED 400 CG-S	2/6-2M <sup>1)</sup> 2 x 6	–	x	4 x M20, metal thread	2 x M25		<b>1 2265 512 111</b>	
<b>eLLK 92 LED 800 CG-S with 5600 K light colour <sup>2)</sup></b>									
	eLLK 92 LED 800 CG-S	2/6-2M <sup>1)</sup> 2 x 6	–	x	4 x M20, metal thread	2 x M25		<b>1 2266 512 111</b>	
Type	Version	Terminals	Through-wiring single-ended	Through-wiring twin-ended	Cable gland/thread	Threaded plug	Blanking plug	Order No. for 110-127 V AC	Order No. for 220-254 V AC
<b>eLLK 92 LED 400 NIB with 5600 °K light colour <sup>3)</sup></b>									
	eLLK 92 LED 400 NIB	1/6-1M <sup>1)</sup> 1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2260 580 409</b>	<b>1 2260 580 109</b>
	eLLK 92 LED 400 NIB	2/6-2M <sup>1)</sup> 2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2260 580 411</b>	<b>1 2260 580 111</b>
<b>eLLK 92 LED 800 NIB with 5600 °K light colour <sup>3)</sup></b>									
	eLLK 92 LED 800 NIB	1/6-1M <sup>1)</sup> 1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2261 580 409</b>	<b>1 2261 580 109</b>
	eLLK 92 LED 800 NIB	2/6-2M <sup>1)</sup> 2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2261 580 411</b>	<b>1 2261 580 111</b>
Type	Version	Terminals	Through-wiring single-ended	Through-wiring twin-ended	Cable gland/thread	Threaded plug	Blanking plug	Order No.	
<b>eLLK 92 LED 400 HT for Ta ≤ +55 °C</b>									
	eLLK 92 LED 400 HT	1/6-1K 1 x 6	x	–	2 x M25, plastic		1	<b>1 2265 550 101</b>	
	eLLK 92 LED 400 HT	2/6-2K 2 x 6	–	x	2 x M25, plastic	2 x M25		<b>1 2265 550 103</b>	
	eLLK 92 LED 400 HT	1/6-1M <sup>1)</sup> 1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2265 550 109</b>	
	eLLK 92 LED 400 HT	2/6-2M <sup>1)</sup> 2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2265 550 111</b>	
<b>eLLK 92 LED 800 HT for Ta ≤ +55 °C</b>									
	eLLK 92 LED 800 HT	1/6-1K 1 x 6	x	–	2 x M25, plastic		1	<b>1 2266 550 101</b>	
	eLLK 92 LED 800 HT	2/6-2K 2 x 6	–	x	2 x M25, plastic	2 x M25		<b>1 2266 550 103</b>	
	eLLK 92 LED 800 HT	1/6-1M <sup>1)</sup> 1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2266 550 109</b>	
	eLLK 92 LED 800 HT	2/6-2M <sup>1)</sup> 2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2266 550 111</b>	
Type	Version	Terminals	Through-wiring single-ended	Through-wiring twin-ended	Cable gland/thread	Threaded plug	Blanking plug	Order No. for 110-127 V AC	Order No. for 220-254 V AC
<b>eLLK 92 LED 800 NIB HT for Ta ≤ +55 °C</b>									
	eLLK 92 LED 800 NIB HT	1/6-1K 1 x 6	x	–	2 x M25, plastic		1	<b>1 2261 581 401</b>	<b>1 2261 581 101</b>
	eLLK 92 LED 800 NIB HT	2/6-2K 2 x 6	–	x	2 x M25, plastic	2 x M25		<b>1 2261 581 403</b>	<b>1 2261 581 103</b>
	eLLK 92 LED 800 NIB HT	1/6-1M <sup>1)</sup> 1 x 6	x	–	2 x M20, metal thread	1 x M20		<b>1 2261 581 409</b>	<b>1 2261 581 109</b>
	eLLK 92 LED 800 NIB HT	2/6-2M <sup>1)</sup> 2 x 6	–	x	4 x M20, metal thread	2 x M20		<b>1 2261 581 411</b>	<b>1 2261 581 111</b>

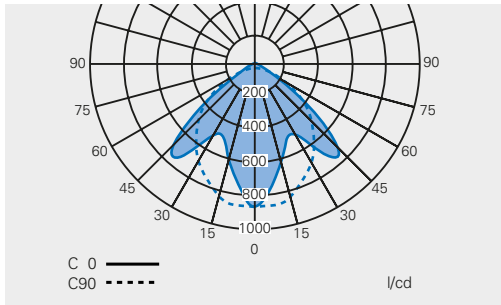
Scope of delivery including LED-module, without fixing material  
Metal cable glands see catalogue part 2: 2.3.12 ff  
<sup>1)</sup> with metal thread, without cable gland  
<sup>2)</sup> for operation with CEAG-emergency supply system  
<sup>3)</sup> Self-contained emergency light fitting

## Accessories

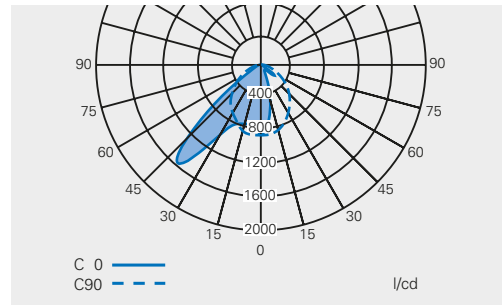
Type	Order No.
Battery set Type 2710-3 with LED display and microprocessor-monitoring, complete	<b>2 2710 904 000</b>
Single sided through wiring 2/6 with 2 entries M25, incl. terminals and mounting material for eLLM 92 LED 400/800	<b>2 2218 602 000</b>



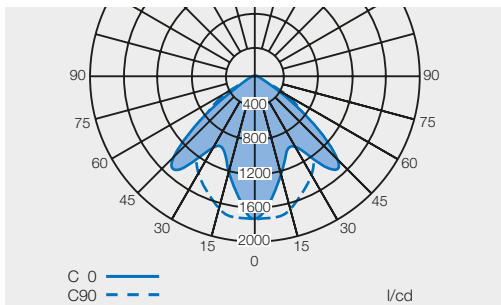
**Polar curve eLLK/M 92 LED 400 <sup>1)</sup>**



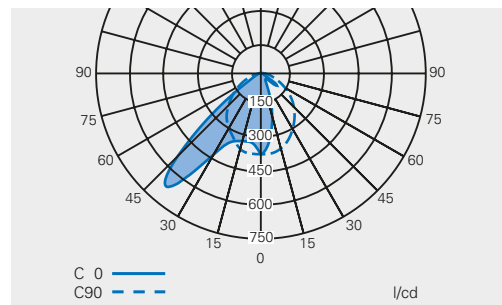
**Polar curve eLLK/M 92 LED 800 CG-S in emergency operation <sup>1)</sup>**



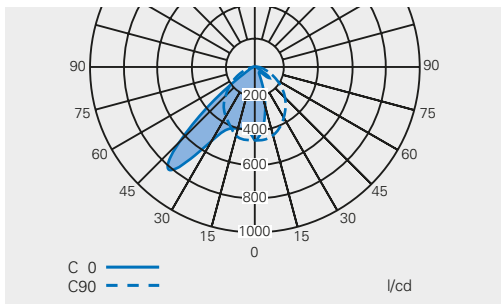
**Polar curve eLLK/M 92 LED 800 <sup>1)</sup>**



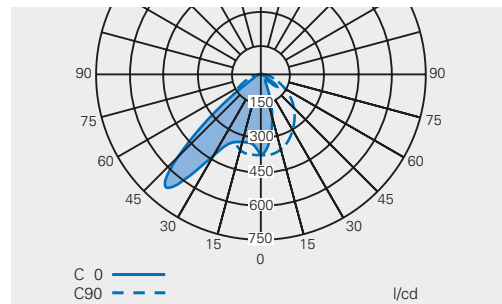
**Polar curve eLLK/M 92 LED 400 NIB in emergency operation <sup>1)</sup>**



**Polar curve eLLK/M 92 LED 400 CG-S in emergency operation <sup>1)</sup>**

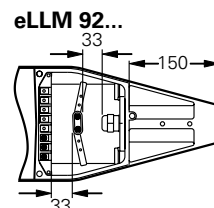
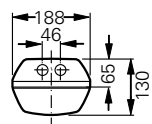
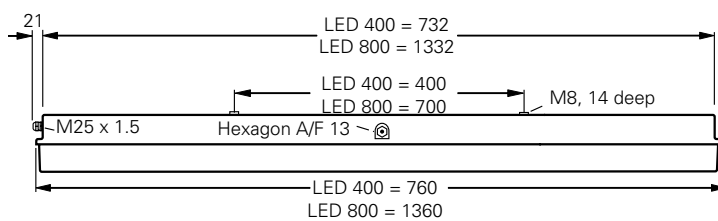


**Polar curve eLLK/M 92 LED 800 NIB in emergency operation <sup>1)</sup>**

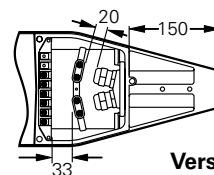
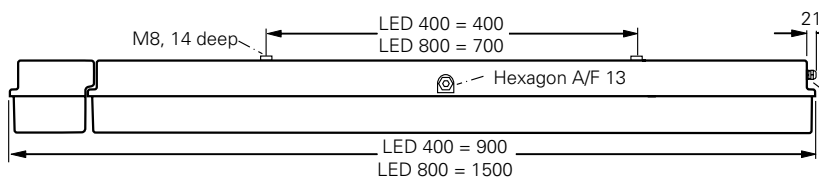


1 ) reduced light output for eLLK 92 LED .... HT: approx 15 %

**eLLK 92 LED 400/800**

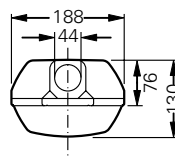
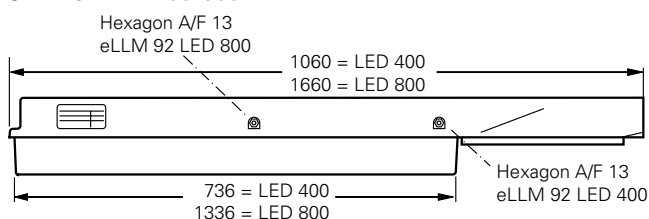


**Version 1/3**



**Version 2/6**

**eLLM 92 LED 400/800**



Dimensions in mm

# Technical data

eLLK 92 LED 400 (HT)/ eLLK 92 LED 800 (HT)



## Technical data

	eLLK/M 92 LED 400 / eLLK 92 LED 400 HT	eLLK/M 92 LED 800 / eLLK 92 LED 800 HT
EC-Type Examination Certificate	BVS 09 ATEX E 034	BVS 09 ATEX E 034
IECEX Certificate of Conformity	IECEX BVS 09.0033	IECEX BVS 09.0033
Marking accd. to 94/9/EC	⊕ II 2 G Ex de IIC T4 Gb ⊕ II 2 D Ex tb IIIC T80 °C Db IP66	⊕ II 2 G Ex de IIC T4 Gb ⊕ II 2 D Ex tb IIIC T80 °C Db IP66
Marking accd. to IECEx	Ex de IIC T4 Gb Ex tb IIIC T80 °C Db	Ex de IIC T4 Gb Ex tb IIIC T80 °C Db
Permissible ambient temperature	-25 °C up to +45 °C / -25 °C up to +55 °C (HT)	-25 °C up to +45 °C / -25 °C up to +55 °C (HT)
IK-class according to EN 50102	IK 10 $\Delta$ 20 J	IK 10 $\Delta$ 20 J
Rated voltage	110 V - 254 V AC 110 V - 250 V DC	110 V - 254 V AC 110 V - 250 V DC
Rated current	0,15 A / 0,11 A (HT)	0,25 A / 0,19 A (HT)
Frequency	50 - 60 Hz	50 - 60 Hz
Life expectancy LED module	L 70 = 60.000 h at Ta = 25 °C	L 70 = 60.000 h at Ta = 25 °C
Power factor cos	$\geq 0.95$	$\geq 0.95$
Circuit	EVG	EVG
Protection class	I	I
Illuminance at measurement plane	comparable with luminaires for fluorescent lamps	comparable with luminaires for fluorescent lamps
CRI	> 80	> 80
Lamp / Illuminant	LED module 400 - 2 x 13 W / LED module 400 HT - 2 x 11 W	LED module 800 - 2 x 26 W / LED module 800 HT - 2 x 22 W
Light colour	4000 K, 5600 K (option)	4000 K, 5600 K (option)
Dimensions (L x W x H)	760 x 188 x 130 mm	1360 x 188 x 130 mm
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
Enclosure colour	RAL 7035 light grey	RAL 7035 light grey
Enclosure material	glass-fibre reinforced polyester	glass-fibre reinforced polyester
Weight	6.9 kg	10.7 kg
Cable glands / gland plates / enclosure drilling	Ex-e cable glands M25 x 1.5 (plastic) for cables from $\varnothing$ 8 - 17 mm, option: M20 x 1.5 metal thread <sup>1)</sup>	Ex-e cable glands M25 x 1.5 (plastic) for cables from $\varnothing$ 8 - 17 mm, option: M20 x 1.5 metal thread <sup>1)</sup>
Degree of protection accd. to EN 60529	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate

<sup>1)</sup> with dustcover if entry/thread is not closed



### Technical data

	eLLK 92 LED 400 CG-S	eLLK 92 LED 800 CG-S
EC-Tye Examination Certificate	BVS 09 ATEX E 034	BVS 09 ATEX E 034
IECEX Certificate of Conformity	IECEX BVS 09.0033	IECEX BVS 09.0033
Marking to 94/9/EC	⊕ II 2 G Ex de IIC T4 Gb ⊕ II 2 D Ex tb IIIC T80 °C Db IP66	⊕ II 2 G Ex de IIC T4 Gb ⊕ II 2 D Ex tb IIIC T80 °C Db IP66
Marking to IECEx	Ex de IIC T4 Gb Ex tb IIIC T80 °C Db	Ex de IIC T4 Gb Ex tb IIIC T80 °C Db
Permissible ambient temperature	-25 °C up to +45 °C	-25 °C up to +45 °C
IK-class according to EN 50102	IK 10 ± 20 J	IK 10 ± 20 J
Rated voltage	220 V - 254 V AC 195 V - 250 V DC	220 V - 254 V AC 195 V - 250 V DC
Rated current	0.15 A	0.25 A
Frequency	50 - 60 Hz	50 - 60 Hz
Lifetime LED module	L 70 = 60.000 h at Ta = 25 °C	L 70 = 60.000 h at Ta = 25 °C
Power factor cos	≥ 0.95	≥ 0.95
Circuit	EVG/CG-S	EVG/CG-S
Insulation class	I	I
Illuminance at measurement plane	comparable with luminaires for fluorescent lamps	comparable with luminaires for fluorescent lamps
CRI	> 80	> 80
Lamp/Illuminant	LED module 400 - 2 x 13 W	LED module 800 - 2 x 26 W
Light colour	4000 K, 5600 K (option)	4000 K, 5600 K (option)
Dimensions (L x W x H)	760 x 188 x 130 mm	1360 x 188 x 130 mm
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
Enclosure colour	RAL 7035 light grey	RAL 7035 light grey
Enclosure material	glass-fibre reinforced polyester	glass-fibre reinforced polyester
Weight	7.4 kg	11.1 kg
Cable glands / Gland plates / Enclosure drilling	Ex-e cable glands M25 x 1.5 (plastic) for cables from Ø 8 - 17 mm, option: M20 x 1.5 metal thread <sup>1)</sup>	Ex-e cable glands M25 x 1.5 (plastic) for cables from Ø 8 - 17 mm, option: M20 x 1.5 metal thread <sup>1)</sup>
Degree of protection accd. EN 60529	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate

# Technical data

eLLK 92 LED 400 NIB / eLLK 92 LED 800 NIB



## Technical data

	eLLK 92 LED 400 NIB	eLLK 92 LED 800 NIB / eLLK 92 LED 800 NIB HT
EC-Tye Examination Certificate	BVS 09 ATEX E 034	BVS 09 ATEX E 034
IECEX-Certification of conformity	IECEX BVS 09.0033	IECEX BVS 09.0033
Marking to 94/9/EC	⊕ II 2 G Ex de mb ib IIC T4 Gb ⊕ II 2 D Ex tb IIIC T80 °C Db IP66	⊕ II 2 G Ex de mb ib IIC T4 Gb ⊕ II 2 D Ex tb IIIC T80 °C Db IP66
Marking to IECEX	Ex de mb ib IIC T4 Gb Ex tb IIIC T80 °C Db	Ex de mb ib IIC T4 Gb Ex tb IIIC T80 °C Db
Permissible ambient temperature	-25 °C up to +45 °C / specified data -5 °C up to +35 °C	-25 °C up to +45 °C / -25 °C up to +55 °C specified data -5 °C up to +35 °C
IK-class according to EN 50102	IK 10 $\Delta$ 20 J	IK 10 $\Delta$ 20 J
Battery	Battery set with 7 Ah-NC battery, with LED display and monitoring via microprocessor	Battery set with 7 Ah-NC battery, with LED display and monitoring via microprocessor
Rated voltage	220 V - 254 V AC 110 V - 127 V AC (option)	220 V - 254 V AC 110 V - 127 V AC option
Rated current	0.2 A	0.31 A / 0,25 A
Frequency	50 - 60 Hz	50 - 60 Hz
Ladezeit	$\geq$ 14 h	$\geq$ 14 h
Lifetime LED module	L 70 = 60.000 h at ta=25 °C	L 70 = 60.000 h at ta=25 °C
Power factor cos	$\geq$ 0.95	$\geq$ 0.95
Circuit	EVG with emergency lighting supply	EVG with emergency lighting supply
Insulation class	I	I
Illuminance at measurement plane	equivalent to related fluorescent tubes	equivalent to related fluorescent tubes
CRI	> 80	> 80
Lamp/Illuminant	LED module 400 - 2 x 13 W	LED module 800 - 2 x 26 W / LED module 800 HT - 2 x 22 W
Light colour	4000 K, 5600 K (option)	4000 K, 5600 K (option)
Rated emergency operating time	2.4 h	3.5 h
luminous flux relation emergency-mains operation (one LED line)	98.5 %	44.1 %
Dimensions (L x W x H)	900 x 188 x 130 mm	1500 x 188 x 130 mm
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
Enclosure colour	RAL 7035 light grey	RAL 7035 light grey
Enclosure material	Glass fibre reinforced polyester	Glass fibre reinforced polyester
Weight	10.5 kg	15.3 kg
Cable glands / Gland plates / Enclosure drilling	Ex-e-cable glands M25 x 1,5 (plastic) for cables $\varnothing$ 8 - 17 mm, Option: M20 x 1,5 metal thread <sup>1)</sup>	Ex-e-cable glands M25 x 1,5 (plastic) for cables $\varnothing$ 8 - 17 mm, Option: M20 x 1,5 metal thread <sup>1)</sup>
Degree of protection accd. EN 60529	IP66	IP66
Protective cover / protective bowl	Polycarbonate	Polycarbonate

<sup>1)</sup> With dustcover if entry/thread is not closed





### Technical data

	eLLK 92 LED 400 / eLLK 92 LED 800	eLLK 92 LED 400 NIB / eLLK 92 LED 800 NIB
Marking accd. to NEC 505/CEC 018	Class I, Zone 1, AEx de mb IIC T4 Gb / Ex de mb IIC T4 Gb Zone 21, AEx tb IIIC T80°C Db/ Ex tb IIIC T80°C Db	Class I, Zone 1, AEx de mb ib IIC T4 Gb / Ex de mb ib IIC T4 Gb Zone 21, AEx tb IIIC T80°C Db/ Ex tb IIIC T80°C Db
Marking accd. to NEC 500	Class I, Division 2, Groups A, B, C, D T4. Class II, Division 1, Groups E, F and G.	Class I, Division 2, Groups A, B, C, D T4. Class II, Division 1, Groups E, F and G.
Certificate of Compliance	CSA 14.700 11905	CSA 14.700 11905
Permissible ambient temperature	-25 °C up to +45 °C	-25 °C up to +45 °C specified data -5 °C up to +35 °C
IK-class according to EN 50102	IK 10 $\pm$ 20 J	IK 10 $\pm$ 20 J
Battery		Battery set with 7 Ah-NC battery, with LED display and monitoring via microprocessor
Rated voltage	110 V - 254 V AC 110 V - 250 V DC	220 V - 254 V AC (type U240) 110 V - 127 V AC (type U120)
Rated current	0.15 A / 0.25 A	0.2 A / 0.31 A
Frequency	50 - 60 Hz	50 - 60 Hz
Charging duration		$\geq$ 14 h
Lifetime LED module	L 70 = 60.000 h at ta=25 °C	L 70 = 60.000 h at ta=25 °C
Power factor cos	$\geq$ 0.95	$\geq$ 0.95
Circuit	EVG	EVG with emergency lighting supply
Insulation class	I	I
Illuminance at measurement plane	equivalent to related fluorescent tubes	equivalent to related fluorescent tubes
CRI	> 80	> 80
Lamp/Illuminant	LED module 400 - 2 x 13 W / LED module 800 - 2 x 26 W	LED module 400 - 2 x 13 W / LED module 800 - 2 x 26 W
Light colour	4000 K, 5600 K (option)	4000 K, 5600 K (option)
Rated emergency operating time		2.4 h / 3.5 h
Luminous flux relation emergency-mains operation (one LED line)		98.5 % / 44.1 %
Dimensions (L x W x H)	760 x 188 x 130 mm / 1360 x 188 x 130 mm	900 x 188 x 130 mm / 1500 x 188 x 130 mm
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
Enclosure colour	RAL 7035 light grey	RAL 7035 light grey
Enclosure material	Glass fibre reinforced polyester	Glass fibre reinforced polyester
Weight	6.9 kg / 10.7 kg	10.5 kg / 15.3 kg
Cable glands / Gland plates / Enclosure drilling	1/2 " or 3/4" NPT Myers hub metal thread with dustcover	1/2 " or 3/4" NPT Myers hub metal thread with dustcover
Degree of protection accd.	EN 60529 : IP66 / NEMA: 4X	EN 60529 : IP66 / NEMA: 4X
Protective cover / protective bowl	Polycarbonate	Polycarbonate





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