

EX-PROTECTED SIGNAL AND EMERGENCY LIGHT FITTING

COOPER Crouse-Hinds



 **CEAG**

dKLK 23
Signals
for
Security

EX-SIGNAL AND EMERGENCY LIGHT FITTING

dKLLK 23 Plastic version for Zone 1

These light fittings meet the requirements of ATEX-Directive 94/9/EC and EN 50014ff. It is therefore certified for use in hazardous areas of the Zones 1 and 2 also for the temperature class T6 and dust-ex areas of the Zones 21 and 22.

Additionally they fulfill the directive EN 60598, Part 2.22 for Emergency Lighting. The Ex-light fitting dKLLK 23 are built for compact fluorescent lamps 5-8 W with integrated electronic ballast. By use of a flash module (optional) the light fitting can be used also as a strobe light.

The housing is made of a fibre-glass reinforced polyester and the protective globe of a transparent or coloured polycarbonate. When fitted with coloured protective covers they are used as signal light fittings but also as safety and emergency light fittings in conjunction with the exit cubes.

The light fitting is connected by a flame-proof eXLink inlet.

With the optional CG-S monitoring module with coding switch (for max. 20 light fittings) which assigns an address to each light fitting, they can be connected as singularly monitored emergency light fittings to the CEAG emergency lighting supply system (dKLLK 23 CG-S).



Signal light fitting, even with coloured protective globe in temperature class T6 environments

For compact fluorescent lamp with integrated EVG

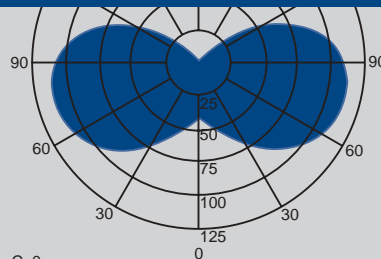
For ceiling and wall mounting

Safety Standard IP 66

With possible connection to the CEAG emergency lighting supply systems

Optional flash module

Polar curve
dKLLK 23 | dKLLK 23 CG-S



C 0 ——— I/cd/klm
C90 - - - -

Rated luminous flux of lamps: approx. 200-400 lm
(depends on lamp)

Light fitting efficiency in operation: 75 %

Luminous flux ratio in DC-operation: approx. 100 %

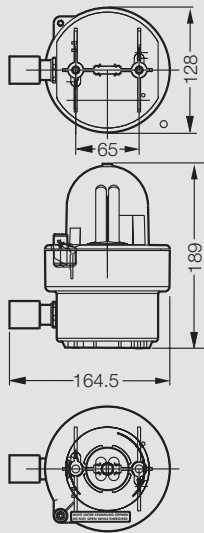


Exit sign cube

dKLK 23

EX - SIGNAL AND EMERGENCY LIGHT FITTINGS

| dKLK 23 | dKLK 23 CG-S |



dKLK 23

Technical data

Type dKLK 23/dKLK 23 CG-S²⁾

Marking to RL 94/9/EG	⊕ II 2 G / ⊕ II 2 D ¹⁾
Type of protection	EEx de IIC T6
EC-Type Examination Certificate	PTB 04 ATEX 1017X
Enclosure material	Polyester reinforced
Protective cover	Polycarbonate
Rated voltage	AC: 230 V +/- 10 %, 50-60 Hz DC: 230 V +/- 10 %
Power	max. 25 mA
Protection category to EN 60529	IP 66
Insulation class	I
Permissible ambient temperature	-20 °C to max. +45 °C (depends on lamp power and mounting position)
Power connection	flameproof inlet eXLink, 3pole
Connector (enclosed)	2 + PE cage clamp for cables from Ø 8-11 mm and max. 1.5 mm ²
Lamps	Compact fluorescent with integrated EVG, socket E27, power 5-8 W, brand: Osram EL LL, Philips PLE-C PRO or equal or flash module (see accessories)
Weight	approx. 1.7 kg

Accessories flash modul Type Eurolite E27 Strobe

Rated voltage	230 V/50 Hz +/- 10 %
Power consumption	5 W
Flash frequency	1-3 Hz

Ordering details

Type	Colour protective cover	Order No.
dKLK 23	clear	GHG 871 1001 R 0001
dKLK 23	red	GHG 871 1101 R 0001
dKLK 23	green	GHG 871 1201 R 0001
dKLK 23	blue	GHG 871 1301 R 0001
dKLK 23 CG-S ²⁾	clear with CG-S monitoring and addressing switch	GHG 871 2001 R 0001

¹⁾ applied for

²⁾ for connection to CEAG emergency supply systems, with address switch for 20 addresses.

Scope of delivery without lamp and with fixing accessories.

Ordering Details Accessories

Type	Order No.
Flash module Eurolite E27 Strobe	GHG 870 1912 R 0001
Exit sign cube (242 x 227 x 242 mm)	4 0071 344 115

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