

# EMERGENCY LIGHT FITTINGS SERIES EXELED 1 N E864

Zones 1, 2, 21, 22

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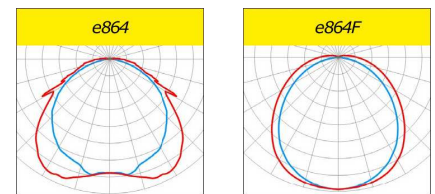
## ATEX EMERGENCY LIGHT FITTINGS ZONES 1, 2 (gas) & 21, 22 (dust)

For escape routes and work areas with special risks, reliability of illumination is essential in the event of a failure of the general lighting system to allow safe exit of the affected area. In hazardous areas zone 1 and 21, the explosion-protected LED emergency light fittings with single battery of product series ExeLed 1 N provide this with great reliability and noticeably high efficiency.

**Maintained operation:** switching over to battery operation in case of mains failure, line modules will be operated with reduced luminous flux as emergency lighting.

**Stand-by operation:** switching on in case of mains failure.

Supplied without mounting brackets.



Options:  
Dimmable via DALI-interface (DIMD)  
4.500K, light colour 845

- safety in case of an emergency, instant light with maximum light output
- multifunctional LED with coded indication of the functions, states and potential faults of the electronic device and the battery
- automatic weekly function test
- automatic annual duration test
- easy battery replacement due to connector
- innovative encapsulation with high transmission rate
- LED-Modules protected from mechanical or electrostatic damages by sandwich design of reflector and cover
- homogeneous illumination by using frosted diffusers (versions e864F..) no individual light points visible, comfortable perception of light, brilliant glare limitation
- FastFix mounting, system for variable mounting distances and easy installation (retaining clips HK865 P) without opening the fitting

\* This light fitting is not suitable for applications in areas with permanent high humidity in combination with only short periods of operation, such as sewage or stormwater retention tanks or water treatment plants.



### ITEM REFERENCES

Designation:	Cover:	Power: (substitute for)	Luminous flux:	Luminous flux (Emergency):	Luminous efficacy:	T. Max:	Weight:	Item No.:
<b>1h operation time</b>								
e864F 06L22/1/1,6	Frosted	18 W   (2x18W)	2170 lm	700 lm	121 lm/W	55 °C	6,2 kg	1A400A
e864F 06L42/1/1,6	Frosted	29 W   (2x36W)	4100 lm	700 lm	141 lm/W	50 °C	6,4 kg	1A400B
e864F 12L42/1/1,6	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	55 °C	7,6 kg	1A4001
e864F 12L60/1/1,6	Frosted	41 W   (2x58W)	6020 lm	750 lm	147 lm/W	55 °C	7,6 kg	1A4002
e864 12L42/1/1,6	Clear	29 W   (2x36W)	4590 lm	800 lm	158 lm/W	55 °C	7,6 kg	1A4003
e864 12L60/1/1,6	Clear	41 W   (2x58W)	6320lm	800 lm	155 lm/W	55 °C	7,6 kg	1A4004
<b>3h operation time</b>								
e864F 06L22/3/4	Frosted	18 W   (2x18W)	2170 lm	700 lm	121 lm/W	55 °C	6,4 kg	1A400C
e864F 06L42/3/4	Frosted	29 W   (2x36W)	4100 lm	700 lm	141 lm/W	50 °C	6,8 kg	1A400D
e864F 12L42/3/4	Frosted	29 W   (2x36W)	4360 lm	750 lm	150 lm/W	55 °C	8 kg	1A4005
e864F 12L60/3/4	Frosted	41 W   (2x58W)	6020 lm	750 lm	147 lm/W	55 °C	8 kg	1A4006
e864 12L42/3/4	Clear	29 W   (2x36W)	4590 lm	800 lm	158 lm/W	55 °C	8 kg	1A4007
e864 12L60/3/4	Clear	41 W   (2x58W)	6320lm	800 lm	155 lm/W	55 °C	8 kg	1A4008

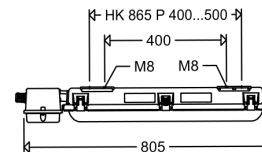
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Zones 1, 2, 21, 22

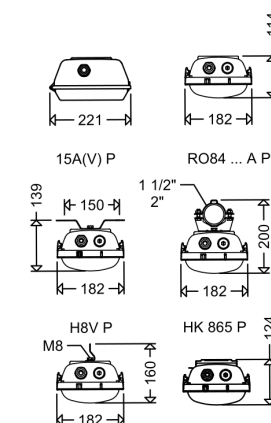
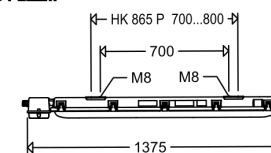
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TECHNICAL SPECIFICATIONS	
Marking:	 II 2G Ex db eb [ib] mb op is q IIC T4 Gb  II 2D Ex op is tb IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester. Stainless steel clips (KE), two of them as safety clip (KES), to be opened with screwdriver only
Cover:	Injected polycarbonate, frosted (F) or clear Silicone gasket
Reflector:	Sheet Steel, painted, carrying the encapsulated LED-modules, clipped into the cover, suspendable
LED:	Line modules   Clear cover: 6500K, Frosted cover: 6000K   CRI > 80 L <sub>80</sub> > 100.000h at max. ambient temperature L <sub>90</sub> > 95.000h (06L...), L <sub>90</sub> > 85.000h (12L...) each at 25°C ambient temperature
Battery:	NiCd, electronic charger, short circuit protected battery and reverse battery protection
Re-charging time:	24 h, acc. to EN 60598-2-22
Operating temperature:	-30°C to +55°C. Nominal range acc. to EN 60598-2-22 0°C up to 45°C, reduced emergency light duration if operated below 0°C
Operating frequency:	50/60 Hz
Rated voltage:	220/240V AC
Ingress protection:	IP66
Automatic monitoring:	Of the emergency light fitting according to EN 62034, indication of the test results by 2-coloured LED (luminescence diode) at the luminaire
Connection:	4 poles up to 4 mm <sup>2</sup>
Cable entries:	2xM25x1,5 (2 plastic cable glands - 1 of them is plugged)

e864 06L... H



e864 12L...



ACCESSORIES	
Designation:	Item No.:
2 suspension brackets, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	15A P
2 ceiling brackets, stainless steel	15AV P
2 pipe clamps 1 1/2", stainless steel, with support	RO84 112 A P
2 pipe clamps 2", stainless steel, with support	RO84 2 A P
2 retaining clips for variable mounting distances	HK 865 P
2 wall mounting angles	W26 P
2 wall mounting angles 30°	W26/30 P
2 wall mounting angles 45°	W26/45 P

