

LED LIGHT FITTINGS SERIES E865

Zones 1, 2, 21, 22

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LED LIGHT FITTINGS

ZONES 1, 2 (gas) & 21, 22 (dust)

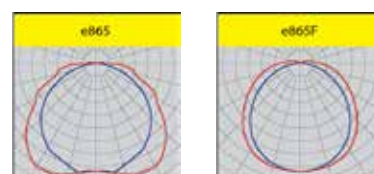
For lighting of hazardous areas zone 1 and 21, the product series e865 is the perfect choice. It excels with its innovative encapsulated LED modules, the sandwich design of diffuser and reflector to protect the LED modules from mechanical and electrostatic damage, as well as homogeneous illumination and excellent glare limitation because of the frosted diffuser (version "F").

High-quality LED and electronic control gears guarantee high efficiency and an extremely long service life. And with the FastFix quick mounting system, installation of the light fittings is easy and saves time.



EU-Type Examination Certificate

Supplied without mounting brackets.



Looping the cable on one side:

All light fittings of series nD866... have got 2 cable entries on one small side of the housing for cablelooping instead of the through wiring system.

** 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 efficacy:	T. Max:	Weight:	Item No.:
Standard versions:							
e865F 06L22	Frosted	15 W (2x18W)	2170 lm	145 lm/W	55 °C	4,6 kg	1A330A
e865F 06L42	Frosted	28 W (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A330B
e865F 06L60	Frosted	40 W (2x58W)	5700 lm	143 lm/W	50 °C	4,7kg	1A330C
e865F 12L42	Frosted	28 W (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3301
e865F 12L60	Frosted	40 W (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3302
e865F 12L85	Frosted	54 W (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3305
e865 12L42	Clear	28 W (2x36W)	4590 lm	164 lm/W	55 °C	6,7 kg	1A3303
e865 12L60	Clear	40 W (2x58W)	6320 lm	158 lm/W	55 °C	6,7 kg	1A3304
e865 12L85	Clear	54 W (>2x58W)	9010 lm	167 lm/W	50 °C	7,0 kg	1A3306
Dimmable via DALI interface:							
e865F 06L42 DIMD	Frosted	28 W (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A3307
e865F 06L60 DIMD	Frosted	40 W (2x58W)	5700 lm	143 lm/W	50 °C	4,7 kg	1A3308
e865F 12L42 DIMD	Frosted	28 W (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3309
e865F 12L60 DIMD	Frosted	40 W (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3310
e865F 12L85 DIMD	Frosted	54 W (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3311
For high temperature (through-wiring or looping the cable is not permissible):							
e865F 06L22 H65	Frosted	15 W (2x18W)	2170 lm	145 lm/W	65 °C	4,6 kg	1A3312
e865F 06L42 H60	Frosted	28 W (2x36W)	4120 lm	147 lm/W	60 °C	4,7 kg	1A3313
e865F 06L60 H55	Frosted	40 W (2x58W)	5700 lm	143 lm/W	55 °C	4,7 kg	1A3314
e865F 12L42 H65	Frosted	28 W (2x36W)	4360 lm	156 lm/W	65 °C	6,7 kg	1A3315
e865F 12L60 H65	Frosted	40 W (2x58W)	6020 lm	151 lm/W	65 °C	6,7 kg	1A3316

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1



LIGHTING

ITEM REFERENCES

Designation:	Cover:	Power: (substitute for)	Luminous flux:	Luminous efficacy:	T. Max:	Weight:	Item No.:
Through-wiring versions:							
e865F 06L22 DV	Frosted	15 W (2x18W)	2170 lm	145 lm/W	55 °C	4,6 kg	1A3317
e865F 06L42 DV	Frosted	28 W (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A3318
e865F 06L60 DV	Frosted	40 W (2x58W)	5700 lm	143 lm/W	50 °C	4,7kg	1A3319
e865F 12L42 DV	Frosted	28 W (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3320
e865F 12L60 DV	Frosted	40 W (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3321
e865F 12L85 DV	Frosted	54 W (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3322
e865 12L42 DV	Clear	28 W (2x36W)	4590 lm	164 lm/W	55 °C	6,7 kg	1A3323
e865 12L60 DV	Clear	40 W (2x58W)	6320 lm	158 lm/W	55 °C	6,7 kg	1A3324
e865 12L85 DV	Clear	54 W (>2x58W)	9010 lm	167 lm/W	50 °C	7,0 kg	1A3325
Light color 845 (4500K):							
e865F 06L22 845	Frosted	15 W (2x18W)	2170 lm	145 lm/W	55 °C	4,6 kg	1A3326
e865F 06L42 845	Frosted	28 W (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A3327
e865F 06L60 845	Frosted	40 W (2x58W)	5700 lm	143 lm/W	50 °C	4,7 kg	1A3328
e865F 12L42 845	Frosted	28 W (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3329
e865F 12L60 845	Frosted	40 W (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3330
e865F 12L85 845	Frosted	54 W (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3331
e865 12L42 845	Clear	28 W (2x36W)	4590 lm	164 lm/W	55 °C	6,7 kg	1A3332
e865 12L60 845	Clear	40 W (2x58W)	6320 lm	158 lm/W	55 °C	6,7 kg	1A3333
e865 12L85 845	Clear	54 W (>2x58W)	9010 lm	167 lm/W	50 °C	7,0 kg	1A3334
Light color 845 (4500K) through-wiring versions:							
e865F 06L22 DV 845	Frosted	15 W (2x18W)	2170 lm	145 lm/W	55 °C	4,6 kg	1A3335
e865F 06L42 DV 845	Frosted	28 W (2x36W)	4120 lm	147 lm/W	55 °C	4,7 kg	1A3336
e865F 06L60 DV 845	Frosted	40 W (2x58W)	5700 lm	143 lm/W	50 °C	4,7 kg	1A3337
e865F 12L42 DV 845	Frosted	28 W (2x36W)	4360 lm	156 lm/W	55 °C	6,7 kg	1A3338
e865F 12L60 DV 845	Frosted	40 W (2x58W)	6020 lm	151 lm/W	55 °C	6,7 kg	1A3339
e865F 12L85 845	Frosted	54 W (>2x58W)	8620 lm	160 lm/W	50 °C	7,0 kg	1A3340

TECHNICAL SPECIFICATIONS

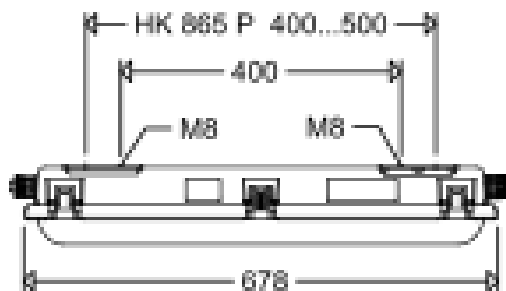
Marking:	II 2G Ex eb mb q IIC T4 Gb II 2D Ex tb IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester resin.
Cover:	Injected polycarbonate, frosted (F) or clear, silicone gasket.
Closure:	Stainless steel clips (KE), two of them as safety clip (KES), to be opened with screwdriver only.
Reflector:	Sheet Steel, painted, carrying the LED-modules and all electrical components, clipped into the cover, suspendable.
LED:	Line modules with clear cover appr. 6,500K, with frosted cover appr. 6,000K, CRI > 80, service life $L_{90} > 100.000h$ at max. ambient temperature, $L_{90} > 85.000h$ (06L..) at 25°C ambient temperature, $L_{90} > 80.000h$ (12L..) at 25°C ambient temperature
Operating temperature:	-30°C up to .. see Item table
Operating frequency:	0 or 50/60 Hz
Rated voltage:	220-240V AC/DC. Overvoltage, overload and short circuit protection.
Ingress protection:	IP66
Connection:	3 poles up to 4 mm ²
Mechanical installation:	Standard: Facing downwards or forwards. Mounting accessories: see accessories.
Cable entries:	3xM25x1,5 (2 plastic cable glands + 1 plastic plug)

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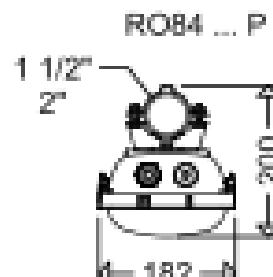
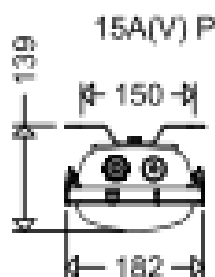
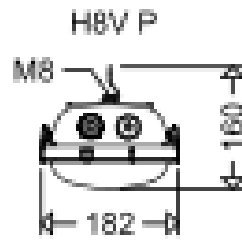
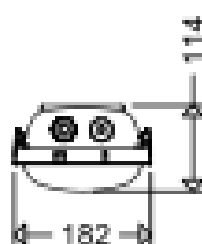
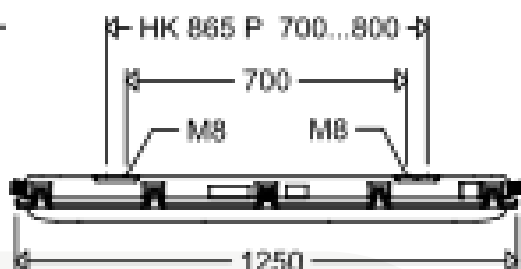
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e865 06L..



e865 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