LED LIGHT FITTINGS SERIES E840

Zones 1, 2, 21, 22

LED LIGHT FITTINGS	ZONES 1, 2 (gas) & 21, 22 (dust)

Extremely robust and reliable explosion-proof LED light fittings of product series e840. With their high wall thickness of housing and diffuser as well as the high impact resistance of both components, they are able to withstand extreme loads and thus are particularly well suited for use in tough environments.

Frosted elements on the LED modules for glare limitation result in excellent illumination and protect the LED modules from mechanical or electrostatic damage during installation of the light fittings.

The comfortable central locking system saves time and makes installation easier (13mm hex key).

EU-Type Examination Certificate

Supplied without mounting brackets.

OPTION: Control gear with DALI-interface for dimming (DIMD)

Looping the cable on one side:

All light fittings of series e840... have got 2 cable entries on one small side of the housing for cable looping instead of the through wiring system

ITEM REFERENCES

Designation:	Power: (substitute for)	Luminous flux:	Luminous efficacy:	T. Max:	Weight:	Item No.:
e840 06L22	16 W | (2x18 W)	2054 lm	128 lm/W	55°C	5,6 kg	1A3804
e840 06L42	28 W | (2x36 W)	4067 lm	145 lm/W	55°C	5,7 kg	1A3805
e840 12L42	28 W | (2x36 W)	4230 lm	151 lm/W	55°C	8,0 kg	1A3801
e840 12L60	40 W | (2x58 W)	5850 lm	146 lm/W	55°C	8,0 kg	1A3802
e840 12L85	54 W | (>2x58 W)	8300 lm	154 lm/W	50°C	8,5 kg	1A3803

ACCESSORIES

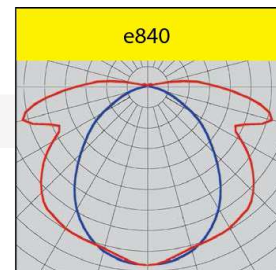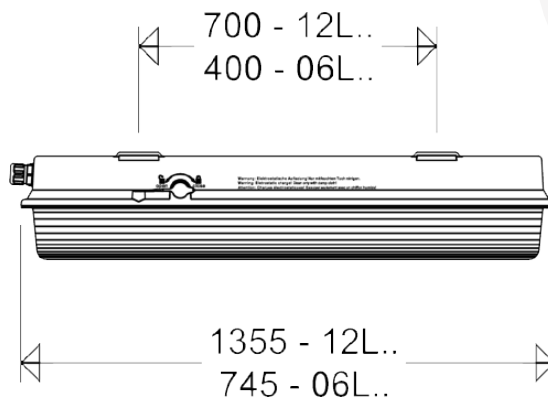| Designation:	Item No.:
2 suspension brackets, stainless steel	H8V P
2 ceiling brackets, hot galvanized steel	15A P
2 ceiling brackets, stainless steel	15AV P
2 pipe clamps 1 ½", stainless steel, with support	RO84 112 A P
2 pipe clamps 2", stainless steel, with support	RO84 2 A P
1 pair of brackets, stainless steel, for compensating the different mounting distances	84 AA
2 wall mounting angles	W26/L P
2 wall mounting angles 30°	W26/30 P
2 wall mounting angles 45°	W26/45 P

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LIGHTING

TECHNICAL SPECIFICATIONS	
Marking:	(Ex) II 2G Ex eb mb op is q IIC T4 Gb (Ex) II 2D Ex tb op is IIIC T80°C Db
Certificate:	EU-Type Examination Certificate
Housing:	Glass fibre reinforced polyester RESIN
Cover:	Clear polycarbonate with internal prisms, hinged, silicone gasket.
Reflector:	Aluminium, carrying the encapsu-lated LED-modules with frosted covers for glare limitation, hingeable and removable.
LED:	Line modules appr. 6,500K, CRI > 80. $L_{70}B_{10}$ > 100.000h | $L_{80}B_{50}$ > 100.000h (each at max. ambient temperature)
Operating temperature:	-25°C up to .. see Item table
Operating frequency:	0 or 50/60 Hz
Rated voltage:	220/240 VAC
Ingress protection:	IP66
Connection:	3 poles up to 4 mm^2
Mechanical installation:	Standard: Facing downwards or forwards. Mounting accessories see spare parts/ accessories
Cable entries:	3 entries M25x1,5 (2 glands - one of them is plugged)

e840

* 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.