

SINE LED Ex

Explosion-Proof Luminaires



DESCRIPTION: **Surface mounted explosion-proof LED luminaire**
Light distribution type: direct
Optical system: opal polycarbonate diffuser, impact resistant
Housing: polycarbonate, stainless steel clips
Colour: light grey
Marking of explosion-protection: II 3G Ex nA IIC T6 Gc; II 3D Ex tD IIIC T85 C IP66 Dc
Explosion group: Gas: IIC, IIB, IIA Dust: IIIC, IIIB, IIIA
Hazardous zones: 2, 22



GENERAL DATA: **Mains voltage:** 220-240V, 0/50-60Hz
LED lifetime, h: 75000/L80B50
SDCM: 3
Protection class IEC: I
Ingress protection code: IP66
Mechanical impact resistance: IK08
Operating temperature range, °C: ta -25...+40

INSTALLATION: On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 3x2x2.5mm². Cable diameter: Ø7-13mm

ENVIRONMENT: Indoor

APPLICATION: Industry. Designed for illumination of hazardous areas where an explosive atmosphere persists for a short period



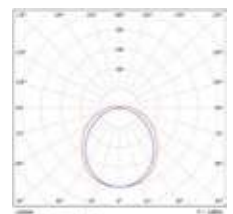
PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
SINE LED1x1300 C101 T840 PC/PC OP IC Ex	662	96	111	1389	11,6	120	80+	4000	1,3
SINE LED1x1900 C102 T840 PC/PC OP IC Ex	662	96	111	1884	17,2	110	80+	4000	1,3
SINE LED2x1300 C104 T840 PC/PC OP IC Ex	662	146	111	2779	23,2	120	80+	4000	1,8
SINE LED2x1900 C105 T840 PC/PC OP IC Ex	662	146	111	3768	32,4	116	80+	4000	1,8
SINE LED1x2600 C107 T840 PC/PC OP IC Ex	1272	96	111	2779	23,2	120	80+	4000	2,1
SINE LED1x3800 C108 T840 PC/PC OP IC Ex	1272	96	111	3768	32,4	116	80+	4000	2,1
SINE LED2x2600 C110 T840 PC/PC OP IC Ex	1272	146	111	5558	43,8	127	80+	4000	2,8
SINE LED2x3800 C111 T840 PC/PC OP IC Ex	1272	146	111	7537	64,8	116	80+	4000	2,8
SINE LED1x3200 C113 T840 PC/PC OP IC Ex	1572	96	111	3473	27,3	127	80+	4000	2,6
SINE LED1x4700 C114 T840 PC/PC OP IC Ex	1572	96	111	4711	40,5	116	80+	4000	2,6
SINE LED2x3200 C116 T840 PC/PC OP IC Ex	1572	146	111	6947	54,7	127	80+	4000	3,3
SINE LED2x4700 C117 T840 PC/PC OP IC Ex	1572	146	111	9421	81,0	116	80+	4000	3,3

*Tolerance range for optical and electrical data: ±10%. Values apply to an ambient temperature of 25°C. The manufacturer is constantly developing and improving its products. The right is reserved to change any product specifications without prior notification

OPTIONS AVAILABLE ON REQUEST:

LED	EMERGENCY	CONNECTION
T830	EM3B ^{1 2}	5TB
T840		1LIN2.5
		3LIN2.5

OP



1 EM options not applicable for models: C101, C102, C104, C105

2 Operating temperature range for Luminaires with EM option, °C: ta 0... +35



EXPLOSION-PROOF LUMINAIRES