

SINE LED

Waterproof and Cleanroom Luminaires



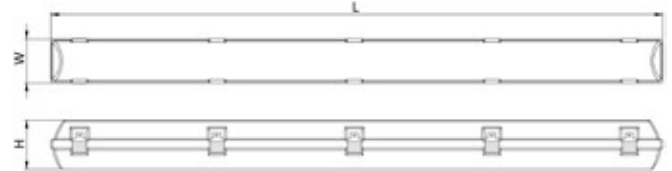
DESCRIPTION: Surface mounted or suspended waterproof LED luminaire
Light distribution type: direct
Optical system: opal polycarbonate diffuser, UV stable, impact resistant
Housing: polycarbonate
Colour: light grey

GENERAL DATA: Mains voltage: 220-240V, 0/50-60Hz, basic version: 220-240V, 50-60Hz
LED lifetime, h: 100000/L80B10, basic version: 50000/L80B10
SDCM: 3
Protection class IEC: I (II optional)
Ingress protection code: IP66
Mechanical impact resistance: IK10
Protection symbol: D
Glow wire test, °C: 850
Operating temperature range, °C: ta -20...+35/+40, basic version: ta -20...+35

INSTALLATION: On the ceiling or wall (mounting brackets included), or suspended (hooks included). Push-in terminal, 5x2x2.5mm²

ENVIRONMENT: Indoor/outdoor with roof

APPLICATION: Industry, warehouse, hall, sports, public place, parking area, transport terminal, parking area



PRODUCT	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
SINE LED1x1600 G237 T840 PC/PC OP LT80	662	96	111	1561	10,0	156	80+	4000	1,3
SINE LED1x2150 G238 T840 PC/PC OP LT80	662	96	111	2136	13,9	154	80+	4000	1,3
SINE LED1x2850 G239 T840 PC/PC OP LT80	662	96	111	2833	17,2	165	80+	4000	1,3
SINE LED2x2150 G240 T840 PC/PC OP LT80	662	146	111	4271	25,6	167	80+	4000	1,8
SINE LED1x2850 G241 T840 PC/PC OP LT80	1272	96	111	2847	17,3	165	80+	4000	2,1
SINE LED1x3750 G242 T840 PC/PC OP LT80	1272	96	111	3713	21,9	170	80+	4000	2,1
SINE LED1x4600 G243 T840 PC/PC OP LT80	1272	96	111	4556	27,5	166	80+	4000	2,1
SINE LED1x5400 G244 T840 PC/PC OP LT80	1272	96	111	5398	33,0	164	80+	4000	2,1
SINE LED1x7150 G245 T840 PC/PC OP LT80	1272	96	111	7122	43,3	165	80+	4000	2,1
SINE LED1x9650 G246 T840 PC/PC OP LT80	1272	96	111	9628	57,5	167	80+	4000	2,1
SINE LED2x5700 G247 T840 PC/PC OP LT80	1272	146	111	11331	65,9	172	80+	4000	2,8
SINE LED1x4500 G248 T840 PC/PC OP LT80	1572	96	111	4498	27,8	162	80+	4000	2,6
SINE LED1x5700 G249 T840 PC/PC OP LT80	1572	96	111	5695	34,0	167	80+	4000	2,6
SINE LED1x6750 G250 T840 PC/PC OP LT80	1572	96	111	6747	40,8	165	80+	4000	2,6
SINE LED1x8950 G251 T840 PC/PC OP LT80	1572	96	111	8903	54,1	165	80+	4000	2,6
SINE LED1x12050 G252 T840 PC/PC OP LT80	1572	96	111	12035	71,1	169	80+	4000	2,6
SINE LED2x7100 G253 T840 PC/PC OP LT80	1572	146	111	14164	82,4	172	80+	4000	3,3

PRODUCT Basic version	LENGTH, mm	WIDTH, mm	HEIGHT, mm	LUMINAIRE OUTPUT*, lm	SYSTEM POWER*, W	SYSTEM EFFICACY*, lm/W	CRI	CCT*, K	WEIGHT, kg
SINE LED1x2300 H117 T840 PC/PC OP LT80 1G	662	96	111	2268	14,8	153	80+	4000	1,3
SINE LED1x2700 H118 T840 PC/PC OP LT80 1G	662	96	111	2674	17,8	150	80+	4000	1,3
SINE LED1x3750 H119 T840 PC/PC OP LT80 1G	1272	96	111	3742	25,2	148	80+	4000	2,1
SINE LED1x5350 H120 T840 PC/PC OP LT80 1G	1272	96	111	5348	35,5	151	80+	4000	2,1
SINE LED1x4700 H211 T840 PC/PC OP LT80	1572	96	111	4678	31,5	149	80+	4000	2,1
SINE LED1x6700 H122 T840 PC/PC OP LT80 1G	1572	96	111	6685	44,4	151	80+	4000	2,6
SINE LED1x8700 H124 T840 PC/PC OP LT80	1572	96	111	8666	59,7	145	80+	4000	2,6

*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

AVAILABLE ACCESSORIES:



Product: Suspension MTG KIT - SINE/Proof/ Nord/Sumatra/Cyclone LED 1.5m
Description: Suspension kit for SINE/Proof/ Nord/Sumatra/Cyclone LED luminaires, 1.5 meter, 2pcs



Product: Remote Control HRC-11
Description: The functionality of the sensors is controlled by a number of parameters which can be changed or programmed remote with an infrared handset
**note - remote control for HBPIR-M; HBPIR DALI-M*

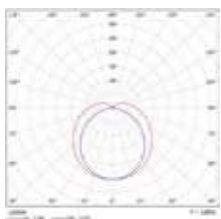
Product: Suspension MTG KIT - SINE/Proof/Nord/ Sumatra/Cyclone LED 3.0m
Description: Suspension kit for SINE/Proof/Nord/ Sumatra/Cyclone LED luminaires, 3.0 meter, 2pcs

OPTIONS AVAILABLE ON REQUEST:

LED	MATERIAL	CONTROL GEAR	SENSORS	EMERGENCY	CONNECTION	OTHER	PROTECTION
T830	ABS/PMMA ¹	DALI ²	MW	EM3	1LIN ⁶	IC	II
T840		BLT	MWRFM+	EM3A ⁴ ⁵	2LIN ⁶		
		KRBLT	MW DALI2	EM3Atmin-25 ⁵	3LIN ⁶		
		KRBLT DALI	MW KRBLT	EM3D ⁴ ⁵	1LIN2.5 ⁶		
		COR	MW KRBLT DALI		2LIN2.5 ⁶		
		COR1min	HBPIR-M ³		3LIN2.5 ⁶		
		COR30min	HBPIR DALI-M ³		2G		
			HBPIR KRBLT ³		C3		
			HBPIR KBRT DALI ³				

- Luminaires with ABS/PMMA options are equipped with plastic cable glands
- For DALI LIN option wires are 2x0.5mm²
- Luminaire with integrated PIR sensor protection degree is IK05
- Operating temperature range for luminaires with EM option, °C: ta 0... +35
- Options EM3A, EM3Atmin25 and EM3D not applicable for models: H117, H118
- LIN options applicable for models longer than 800mm, for shorter models 5 pole terminal block included as standard

OP LT80



OP LT80 (2xversion)

