



MAXS67-1200 LED 4500 HF-EB3/S TW PC 840 BN25

A high quality long life Category 2 marked LED luminaire for zone 1/21 and zone 2/22. Suitable for industrial applications, ships and oil installations in areas where an explosive atmosphere is likely to occur occasionally in normal operation.

E3/S or EB3/S means that this item has a built-in emergency light for up to 3 hours duration. EB/S - stands for External Battery and Standard Emergency. The number 3 indicates the emergency time in hours. It is supplied with a standard emergency controller that needs manual testing according to European emergency light standards.

Item Number	MAX084809
GTIN	7054130853787
Stock status	M



Technical specifications

General	
Product shape	Linear
Certificates	
Certification	ATEX, Ex Zone 1, IECEx
Marine Approved	True
Ignition Class	T4 135°
Atex code	II 2GD
Class Ex Gas	Ex eb mb IIC
Class Ex Dust	Ex tb IIIC T
Max surface temp	81
Dust	
EX zone	Ex zone 1, Ex zone 2, Ex zone 21, Ex zone 22
Technical Data	
Minimum ambient temperature (°C)	-20
Maximum ambient temperature (°C)	50
IK classification	10
IP classification	66/67
Corrosion class	C5-M

Light Technical Data	
Light source	LED
Lumen out (lm)	4491
Lumen per Watt (lm/W)	121
Lamp colour temp (K)	4000
CRI Colour rendering index	>80
Light distribution up %	5
Light distribution down %	95
MacAdam step	3
Energy class light source	D
Light source included	True
Driver / Ballast	
Type of LED Driver	HF: Non dimmable
Number of Driver	1
Lifetime	
L70 Median useful life LED Ta25 (hr)	100 000

Electrical Data

EMC Category	EMC2 : EMC A – IEC 60533
General Areas	
Leakage current (mA)	0.8
Minimum Voltage -10% (VAC)	110
Maximum voltage +10% (VAC)	254
Minimum frequency -5% (Hz)	50
Maximum frequency +5% (Hz)	60
Main Feed DC (V) Min	198
Main Feed DC (V) Max	250
Total consumption (W)	37
Number of luminaires on a 10A MCB type B	12
Number of luminaires on a 10A MCB type C	20
Number of luminaires on a 16A MCB type B	20
Number of luminaires on a 16A MCB type C	33

Emergency

Type of emergency	Standard battery backup
Duration in battery mode (hrs)	3
Charging power consumption (Emg) (W)	1.5
Output in battery mode (%)	13

Optic

Optic	PC - Clear polycarbonate diffuser
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Housing

Main body material	Stainless steel
Main Body MaterialText	Acid-proof stainless steel 316L
Body colour	White
Main body colour name	White

Dimensions

Length (mm)	1468
Width (mm)	158
Height (mm)	133
CC Min	1448
CC max	1448
Net weight (kg)	10.3408

Termination

Termination	6×6.0mm2 Screw Terminal
Type of through wiring	6×2.5

Cable Inlet

Cable gland	M25-Nickel plated brass
Number of cable glands	2
Blind plugs	M25-Nickel plated brass
Number of blind plugs	1
Max cable diameter (mm)	18
Min cable diameter (mm)	10

Mounting

Product mounting	Ceiling surface, Wall surface
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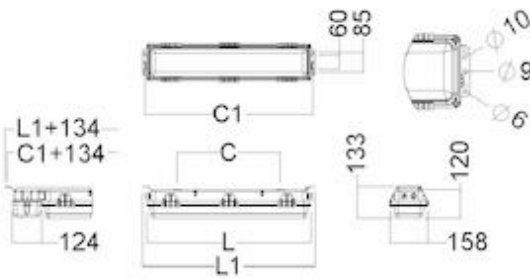
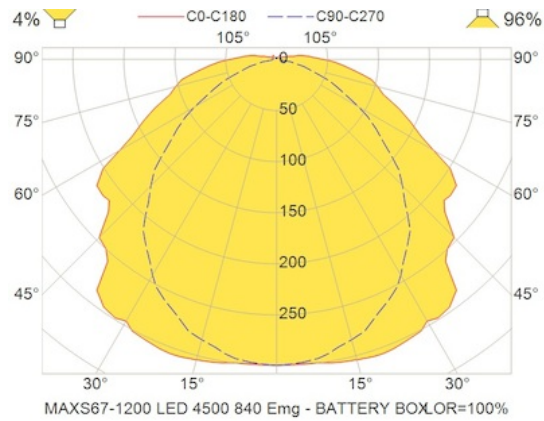
Logistic Data

Item gross weight (kg)	11.24
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Texts

Added information	The photo may differ from the product
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Illustrations



Types	LI	C1	L	C = Hood nuts M8 distance		
MAX-600 LED	724	704	687	400	430	500
MAX-1200 LED	1334	1314	1296	500	700	950