



FX60 18000 850 230 M25 NB FG

Ex de LED floodlights are applicable for zone 1 areas. Seawater resistant aluminium anodized module housing for excellent cooling. Stainless steel frame and mounting bracket. The floodlights are designed according to rules of maritime classification societies, additional VDE and IEC/EN.

Item Number	FX60400000
GTIN	4036538274183
Stock status	M



Technical specifications

Certificates	
Certification	ATEX, 5 year warranty, Ex Zone 1, IECEx
Marine Approved	True
Ignition Class	T4 135°
Atex code	II 2G
EX zone	Ex zone 1, Ex zone 2, Ex zone 21, Ex zone 22

Technical Data	
Minimum ambient temperature (°C)	-50
Maximum ambient temperature (°C)	55
IK classification	10
IP classification	66/67
Corrosion class	C5-M

Light Technical Data	
Light source	LED
Lumen out (lm)	17056
Number of lamps	1
Lumen per Watt (lm/W)	109
Lamp colour temp (K)	5000
CRI Colour rendering index	>80
MacAdam step	3

Driver / Ballast	
Type of LED Driver	IC
No Of Ballast	4

Electrical Data	
Mains current	0.72
EMC Category	EMC1: EMC B – IEC 60533 Bridge and Open deck
Minimum Voltage -10% (VAC)	230
Maximum voltage +10% (VAC)	230
Minimum frequency -5% (Hz)	50
Maximum frequency +5% (Hz)	60
Total consumption (W)	160
Number of luminaires on a 10A MCB type B	11
Number of luminaires on a 10A MCB type C	11
Number of luminaires on a 16A MCB type B	17
Number of luminaires on a 16A MCB type C	17

Optic	
Output angle (°)	60
Optic	NB - Narrow beam

Housing	
Main body material	Seawater-resistant aluminium
Body colour	Unpainted
Main body colour name	Unpainted
Detail material	Steel
Material Junction Box	Glass Reinforced Polyester

Dimensions

Length (mm)	444
Width (mm)	475
Height (mm)	220
Net weight (kg)	20.7

Termination

Maximum core diameter	6 mm ²
Minimum core diameter	0.5 mm ²

Cable Inlet

Number of cable glands	2
Max cable diameter (mm)	17
Min cable diameter (mm)	10

Logistic Data

Item gross weight (kg)	22.5
Min storage temp	-60
Max storage temp	80

Illustrations



