



RLX D FL 160W100-277VAC MB60 750 2ADABK

RLX™ D LED FLOODLIGHT takes over the place of the traditional High Pressure Sodium and Halogen floodlights and are suitable for multiple areas of use. The RLX™ D is a powerful floodlight with proven endurance for harsh environments.

Item Number	LN1001819
GTIN	7072720000885
Stock status	A



Technical specifications

Electrical Data	
EMC Category	EMC1 : EMC B – IEC 60533 Bridge and Open deck
Minimum Voltage -10% (VAC)	100
Maximum voltage +10% (VAC)	277
Minimum frequency -5% (Hz)	50
Maximum frequency +5% (Hz)	60
Main Feed DC (V) Min	130
Main Feed DC (V) Max	300
Total consumption (W)	160
Inrush current (A)	65
Number of luminaires on a 10A MCB type B	9
Number of luminaires on a 10A MCB type C	11
Number of luminaires on a 16A MCB type B	14
Number of luminaires on a 16A MCB type C	16
Power factor	0.9
Optic	
Beam angle (°)	60
Optic	MB60 - Medium Beam 60°
Material of diffuser	Glass
Diffuser material design	Clear
Certificates	
Certification	5 year warranty;DNV;UL;UL 1598 Wet Locations;UL1598/1598A Marine Listed
Marine Approved	true

Technical Data	
Minimum ambient temperature (°C)	-40
Maximum ambient temperature (°C)	55
IP classification	66/67
Corrosion class	C5-M
Light Technical Data	
Light source	LED
Lumen out (lm)	17910
Number of lamps	1
Lumen per Watt (lm/W)	112
Lamp colour temp (K)	5000
CRI Colour rendering index	>70
MacAdam step	3
Light source included	true
Dimmable	false
Driver / Ballast	
Type of LED Driver	HfDa: Dimming Analogue 1-10V
Number of Driver	1
Lifetime	
L70 Median useful life LED Ta45 (hr)	100 000
Housing	
Main body material	Seawater-resistant aluminium
Surface treatment	Anodized
Body colour	BL - Black
Main body colour name	Graphite black
Main body colour surface	Powder coated
Main body colour RAL code	RAL 9011
Mounting bracket material	Stainless steel AISI 316

Dimensions

Length (mm)	449
Width (mm)	171
Height (mm)	329
Net weight (kg)	10.58

Termination

Termination	3×2×2.5mm ² Push In
Maximum core diameter	2.5 mm ²
Minimum core diameter	0.5 mm ²
Type of through wiring	3×2.5

Cable Inlet

Cable gland	M20-Nickel plated brass
Number of cable glands	1
Blind plugs	M20-Nickel plated brass
Number of blind plugs	1
Max cable diameter (mm)	13
Min cable diameter (mm)	7

Logistic Data

Item gross weight (kg)	11.5
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Remarks

Inrush current (50% I-peak @ 230VAC) ~65A (445 μs)
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