



RLX D FL 160W100-277VAC MB40 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	LN100006
GTIN	7072720000908
Stock status	A



Technical specifications

Certificates

Certification	5 year warranty, DNV, RINA, UL, 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)	18642
Number of lamps	1
Lumen per Watt (lm/W)	117
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
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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

Optic

Beam angle (°)	40
Optic	MB40 - Medium Beam 40°
Material of diffuser	Glass

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)	10.4512

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

Illustrations

