luminell®
Light Matters

RLX D FL 240W100-277VACD MB60 750 3QEABK



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	LN1002651
GTIN	7072720003114
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	100
Main Feed DC (V) Max	300
Total consumption (W)	240
Inrush current (A)	200
Number of luminaires on a 10A MCB type B	4
Number of luminaires on a 10A MCB type C	7
Number of luminaires on a 16A MCB type B	6
Number of luminaires on a 16A MCB type C	10
Power factor	0.98

Optic	
Beam angle (°)	60
Optic	MB60 - Medium Beam 60°
Material of diffuser	Glass

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)	25498
Number of lamps	1
Lumen per Watt (lm/W)	106
Lamp colour temp (K)	5000
CRI Colour rendering index	>70
MacAdam step	3
Light source included	true
Dimmable	true

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)	444
Width (mm)	143
Height (mm)	397
Net weight (kg)	15.09996

Termination	
Termination	4×6+2×16+8×2.5mm2 Spring Cage
Maximum core diameter	6 mm2
Minimum core diameter	0.5 mm2

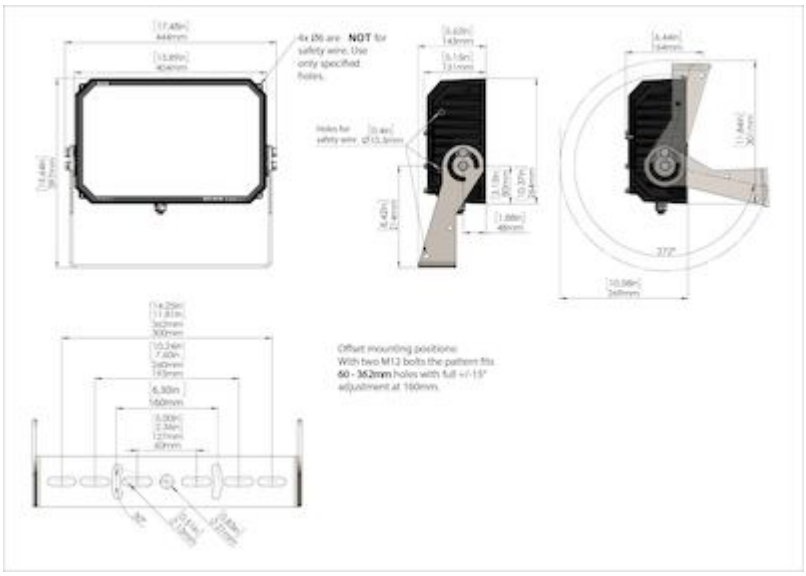
Cable Inlet	
Cable gland	M20-Nickel plated brass
Number of cable glands	1
Blind plugs	M20-Nickel plated brass;M25-Nickel plated brass
Number of blind plugs	3
Max cable diameter (mm)	13
Min cable diameter (mm)	7

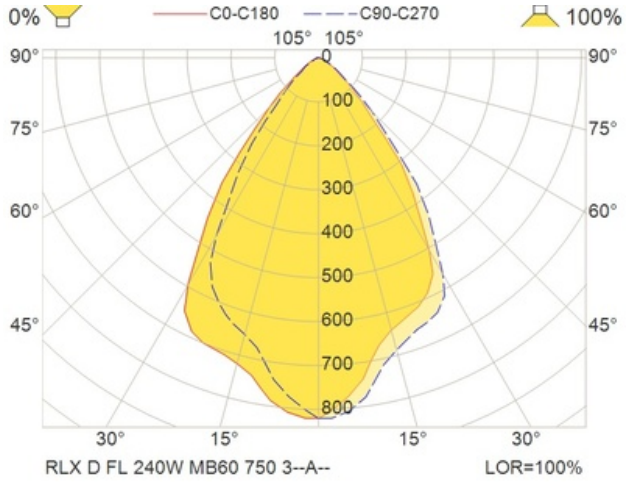
Logistic Data	
Item gross weight (kg)	16.413
Min storage temp	-40
Max storage temp	55

Remarks
3 blinds: 1xM20-Nickel plated brass, 2xM25-Nickel plated brass

The Company reserves the right to change any product specifications without prior notification.

Images


4x Ø6 are NOT for safety wire. Use only specified holes.
Holes for safety wire Ø13.5mm
Offset mounting positions
With two M12 bolts the pattern fits
60 - 362mm holes with full +/-15°
adjustment at 160mm.
372°


0%
C0-C180
C90-C270
100%
105° 105°
90°
75°
60°
45°
0
100
200
300
400
500
600
700
800
30° 15° 15° 30°
RLX D FL 240W MB60 750 3--A--
LOR=100%