



RLX D FL 240W100-277VACD Wide 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	LN1002654
GTIN	7072720003169
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 (°)	110×45
Optic	Wide - Wide Beam 110×45
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)	24946
Number of lamps	1
Lumen per Watt (lm/W)	104
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
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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+8×2.5mm ² Spring Cage
Maximum core diameter	6 mm ²
Minimum core diameter	0.5 mm ²

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

Images

