



RLX C FL 80W100-277VAC Wide 750 2ABABK

RLX C Floodlight is our smaller series floodlight that can replace 500W Halogen or smaller HPS/HMI lamps only by using 80W of power. RLX™ C has like RLX™ D & RLX D Gen3 also the different beam options from 10-120 degrees, making RLX™ C able to give a good light impact also on long distances when choosing the most narrow beam options.

Item Number	LN1000021
GTIN	7072720000922
Stock status	A



Technical specifications

Certificates

Certification 5 year warranty, DNV, RINA, UL, UL1598/1598A
Marine Listed

Marine Approved	True
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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)	10776
Lumen per Watt (lm/W)	135
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	HF: Non dimmable
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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)	80
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 (°)	110×45
Optic	Wide - Wide Beam 110×45
Material of diffuser	Glass
Diffuser material design	Clear

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)	293
Width (mm)	113
Height (mm)	262
Net weight (kg)	5.8512

Termination

Termination	2×2×2.5mm ² Push In
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)	6.36
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Illustrations

