



RLX C FL 80W100-277VAC MB40 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	LN1000017
GTIN	7072720000854
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)	80
Inrush current (A)	65
Inrush Current Remarks	Inrush current (50% I-peak @ 230VAC) ~65A (445 µs)
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 (°)	40
Optic	MB40 - Medium Beam 40°
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)	10776
Lumen per Watt (lm/W)	135
Lamp colour temp (K)	5000
CRI Colour rendering index	>70
Light source included	true
Dimmable	false
Driver / Ballast	
Type of LED Driver	HF: Non dimmable
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)	293
Width (mm)	113
Height (mm)	262
Net weight (kg)	5.999964

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)	6.5217
------------------------	--------

Images

