

KEY FEATURES

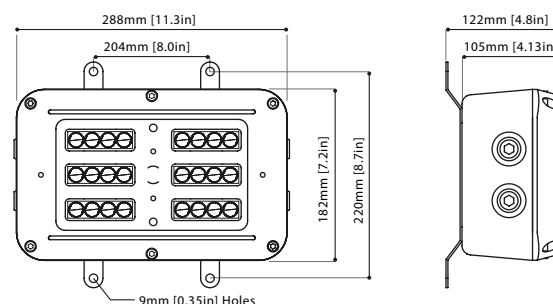
- **Compact Design**
The compact, low profile design is ideal for applications where space is restricted.
- **Beam Angles**
Available in a range of different beam patterns, both circular and elliptical.
- **Robust & Durable**
Designed from marine grade aluminium and able to withstand the most extreme environments.
- **Easy Maintenance**
Featuring a unique modular design, key components are easily accessible for straightforward maintenance and inspection.
- **Intelligent Emergency**
Self-testing emergency battery providing up to 3 hours emergency back-up.



TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS

HOUSING	Marine grade aluminum, epoxy powdercoat, toughened glass, stainless steel external fasteners and brackets
MOUNTING	Bulkhead, Yoke
INPUT VOLTAGE	AC: 110-254VAC 24V: 18-69VDC (not available in emergency variant (BB Models))
POWER (TYP)	2: 20W 2 (BB Models): 24W 4: 34W 4 (BB Models): 37W
CURRENT (TYP)	2: 0.19A @ 110V 2 (BB Models): 0.23A @ 110V 4: 0.33A @ 110V 4 (BB Models): 0.35A @ 110V
TEMPERATURE RANGE	-52°C to +55°C Emergency Variants (BB Models): -20°C to +46°C
CERTIFICATIONS	<p>PROTECTION/CERTIFICATION – ZONE 1/21 VARIANTS CML13ATEX3007, IEC Ex CML14.0001 & CML21UKEX3099 II 2 GD Ex eb mb IIC T4 Gb Ta-52°C to +55°C (standard variants) II 2 GD Ex eb mb IIC T4 Gb Ta-20°C to +46°C (emergency variants) Ex tb IIIC T98°C Db</p> <p>PROTECTION/CERTIFICATION – ZONE 2/22 VARIANTS CML17ATEX4231, IEC Ex CML17.0135 & CML21UKEX4106 II 3 GD Ex ec mc IIC T4 Gc Ta-50°C to +55°C (standard variants) II 3 GD Ex ec mc IIC T4 Gc Ta-20°C to +55°C (emergency variants) Ex tc IIIC T98°C Dc</p>
INGRESS PROTECTION	IP66/67
COLOUR TEMP RANGE	4000K 6500K
CRI VALUE (MIN)	70 CRI
TOTAL LUMENS	RB-2 EX1 – 2500lm RB-4 EX1 – 4250lm RB-2 EX2 – 2750lm RB-4 EX2 – 4650lm
WEIGHT	5 kg (11.0 lbs) Emergency Variant (BB Models): 6 kg (13.2 lbs)

DIMENSIONS



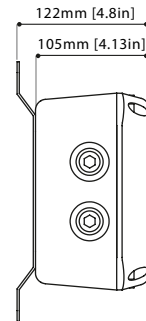
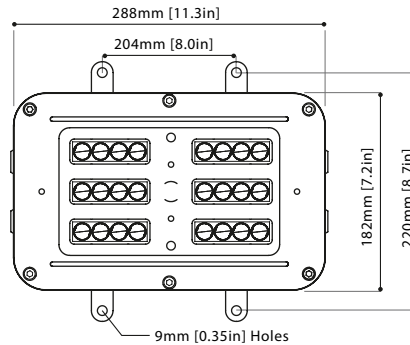
WARRANTY

Five (5) year limited warranty to the original purchaser. The warranty covers defects in materials and workmanship under normal use and service.

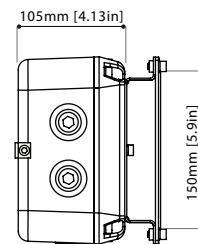
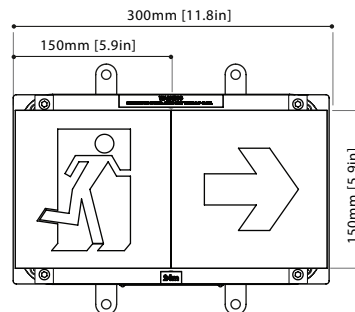
For additional information see:
<https://nemalux.com/legal>

MOUNTING OPTIONS

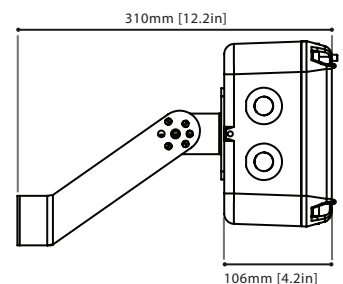
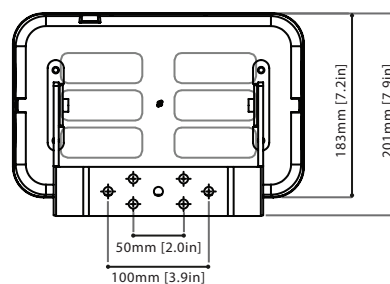
Bulkhead: 5 kg (11 lbs) | Emergency Variant (BB Models): 6 kg (13.2 lbs)



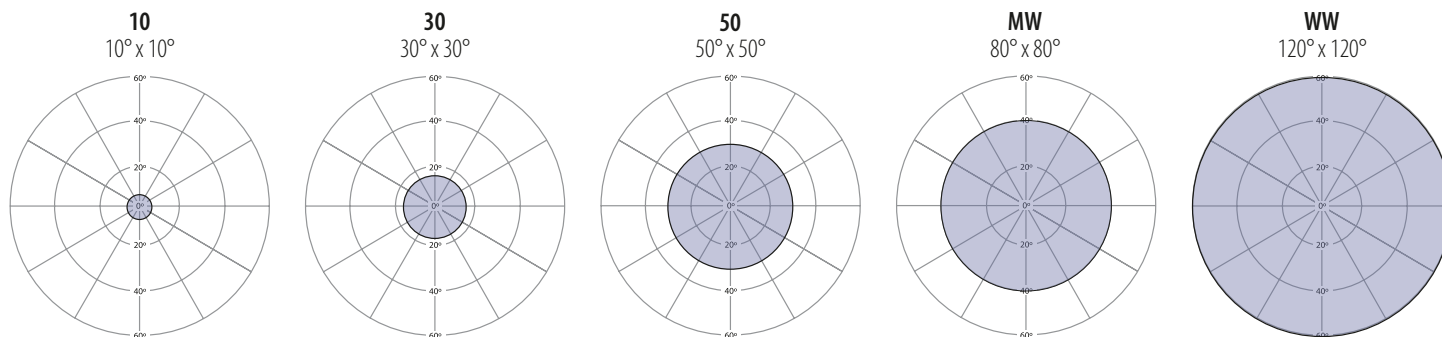
Exit Sign (ES): 5 kg (11 lbs) | Emergency Variant (BB Models): 6 kg (13.2 lbs)



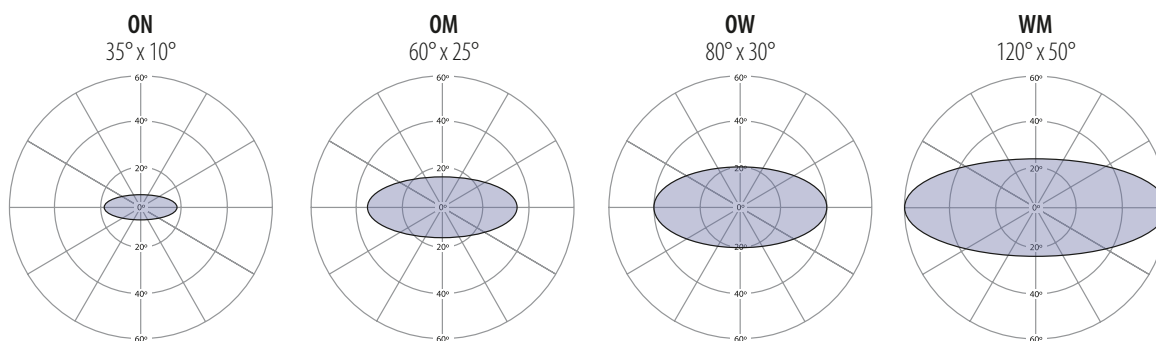
Yoke Mount (SB): 5 kg (11 lbs) | Emergency Variant (BB Models): 6 kg (13.2 lbs)



BEAM PATTERNS - CIRCULAR



BEAM PATTERNS - ELLIPTICAL



ORDERING INFORMATION

PROJECT NAME		TYPE
PROJECT LOCATION		
COMMENT		DATE
PREPARED BY		

MODEL SELECTOR

Sample Number: RB-2-65-WW-EX1-AC

FAMILY	INTENSITY	CCT/COLOUR	OPTICS	CERTIFICATION	VOLTAGE	OPTION	ENTRY
RB	-	65	-	-	-	-	
RB	2 - 2,500 lm 4 - 4,250 lm	65 - 6500K 40 - 4000K	WW WM 10 30 50 MW OW OM ON	EX1 - Zone 1/21 EX2 - Zone 2/22	AC - 110-254VAC 50/60Hz 24V - 18-69VDC not available with BB	BLANK - Bulkhead BB - Emergency Variant SB - Yoke Mount ES - Exit sign -BB & mount can stack. i.e BB-SB, BB-ES (single # will be added if BB is not the standard 90min i.e. BB3 = 3Hr)	BLANK - M20 M25 - M25 conduit entries