

KEY FEATURES

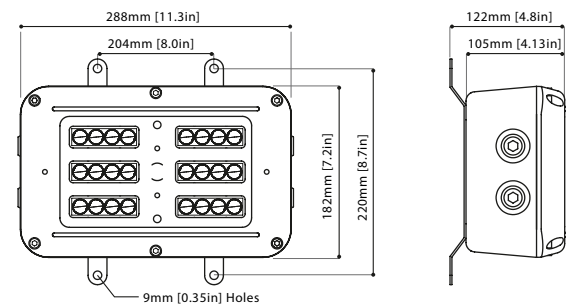
- **Compact Design**
The compact, low profile design is ideal for applications where space is restricted.
- **Beam Angles**
Available in a range of different beam patterns, both circular and elliptical.
- **Robust & Durable**
Designed from marine grade aluminium and able to withstand the most extreme 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



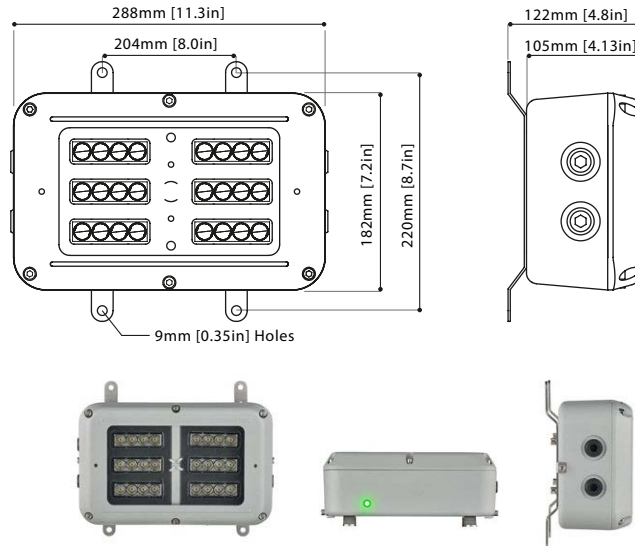
WARRANTY

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

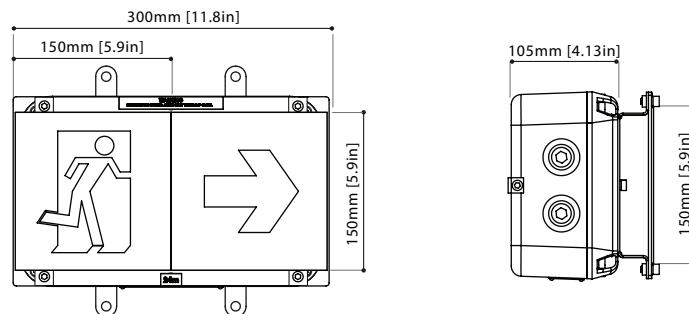
For additional information see:
<https://nemalux.com/legal>

MOUNTING OPTIONS

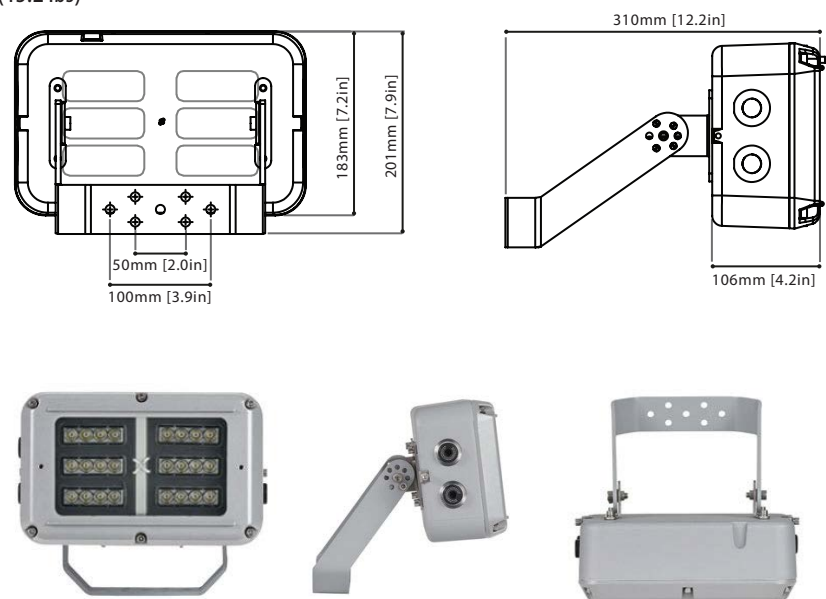
Bulkhead: 5 kg (11 lbs) | Emergency Variant (BB Models): 6 kg (13.2 lbs)



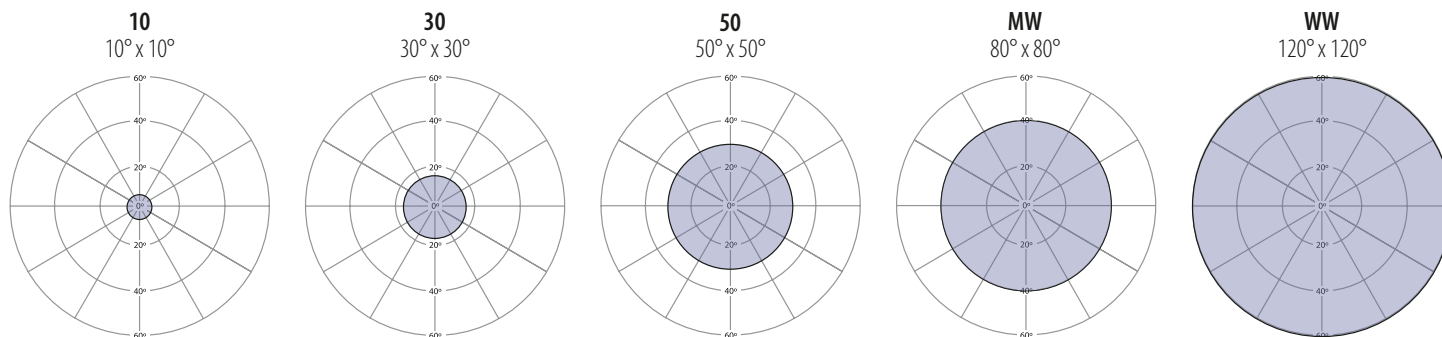
Exit Sign (ES): 5 kg (11 lbs) | Emergency Variant (BB Models): 6 kg (13.2 lbs)



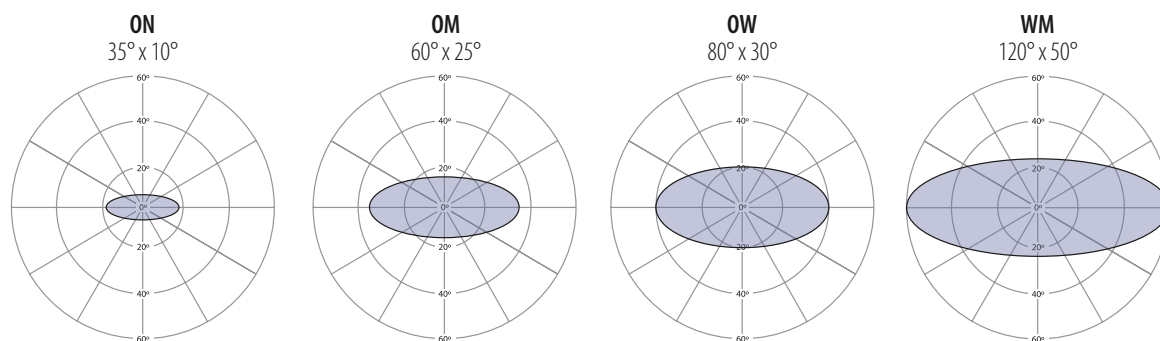
Yoke Mount (SB): 5 kg (11 lbs) | Emergency Variant (BB Models): 6 kg (13.2 lbs)



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 24 - 18-69VDC *not available with BB | BLANK - Bulkhead BB25 - 25% Output BB50 - 50% Output BB75 - 75% Output BB100 - 100% Output SB - Yoke Mount ES - Exit sign -BB** & mount can stack. i.e BB**-SB or BB**-ES. See table below for fixture battery backup durations. | BLANK - M20 M25 - M25 conduit entries |

BATTERY BACKUP DURATIONS

| RB | % Pw Output | Duration |
|-------|-------------|----------|
| BB25 | 25 | 180 mins |
| BB50 | 50 | 120 mins |
| BB75 | 75 | 90 mins |
| BB100 | 100 | 60 mins |