

KEY FEATURES

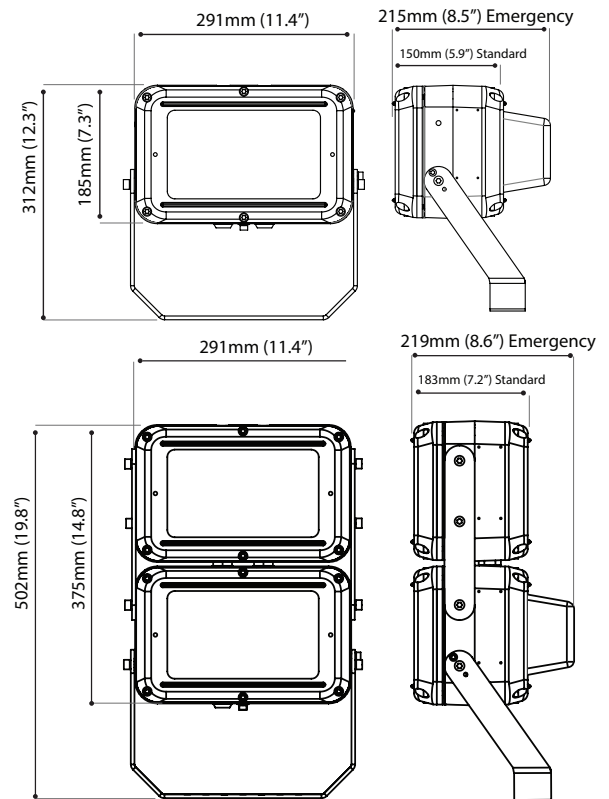
- **Robust & Durable**
Robust and durable construction from marine grade aluminium and with a wide operating temperature for even the most challenging conditions.
- **Easy Maintenance**
Featuring a unique modular design, key components such as the LED and PSU modules are easily accessible for straightforward maintenance and inspection.
- **Emergency**
Available as an emergency variant (BB models), and capable of providing up to 100% light output in emergency mode.
- **Beam Angles**
Available in a range of different beam patterns, both circular and elliptical.



TECHNICAL SPECIFICATIONS / MAXIMUM RATINGS

HOUSING	Marine grade aluminum, epoxy powdercoat, toughened glass, stainless steel external fasteners and brackets
MOUNTING	Yoke
INPUT VOLTAGE	AC: 110-254VAC (50/60Hz) 24V: 18-69VDC (not available in emergency variant (BB Models))
POWER (TYP)	8: 68W 8 (BB Models): 71W 17: 136W 17 (BB Models): 139W
CURRENT (TYP)	8: 0.65A @110V 8 (BB Models): 0.68A @110V 17: 1.30A @110V 17 (BB Models): 1.33A @110V
TEMPERATURE RANGE	-52°C to +55°C Emergency Variant (BB Models) -20°C to +55°C
CERTIFICATIONS	<p>PROTECTION/CERTIFICATION – ZONE 1/21 VARIANTS CML13ATEX3007 or IEC Ex CML14.0001 or CML 21UKEX3099 II 2 GD Ex eb mb IIC T4/T5 Gb Ta -52°C to +55°C (standard variants) II 2 GD Ex eb mb IIC T6 Gb Ta -52°C to +48°C II 2 GD Ex eb mb IIC T4 Gb Ta -20°C to +55°C (emergency variants) Ex tb IIIC T82°C Db</p> <p>PROTECTION/CERTIFICATION – ZONE 2/22 VARIANTS CML17ATEX4231 or IECEx CML 17.0135 or CML 21UKEX4106 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 T82°C Dc</p>
INGRESS PROTECTION	IP66/67
COLOUR TEMP RANGE	6500K
CRI VALUE (MIN)	70 CRI
TOTAL LUMENS	8 EX1 – 8450 17 EX1 – 16900 8 EX2 – 9500 17 EX2 – 18600
WEIGHT	8: 8 kg (17.6 lbs) Emergency Variant (BB Models): 10 kg (22.0 lbs) 17: 16 kg (35.2 lbs) Emergency Variant (BB Models): 20 kg (44.0 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.

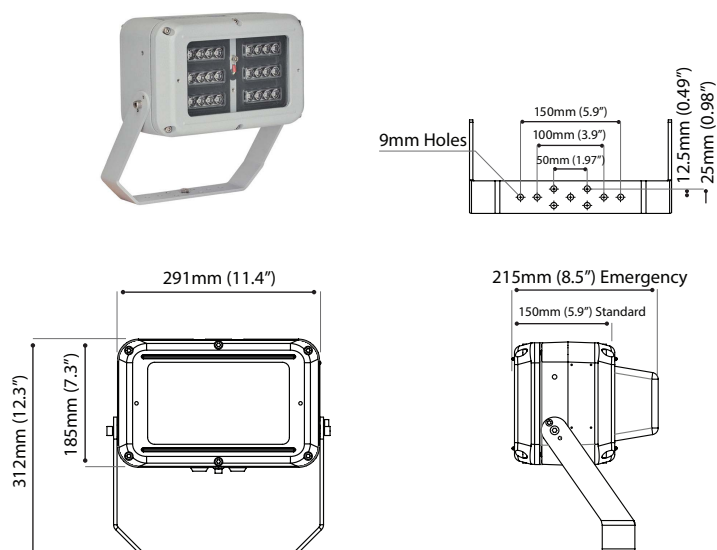
For additional information see: <https://nemalux.com/legal>

MOUNTING OPTIONS

RF-8 (Yoke Mount)

Standard: 8.0 kg (17.6 lbs)

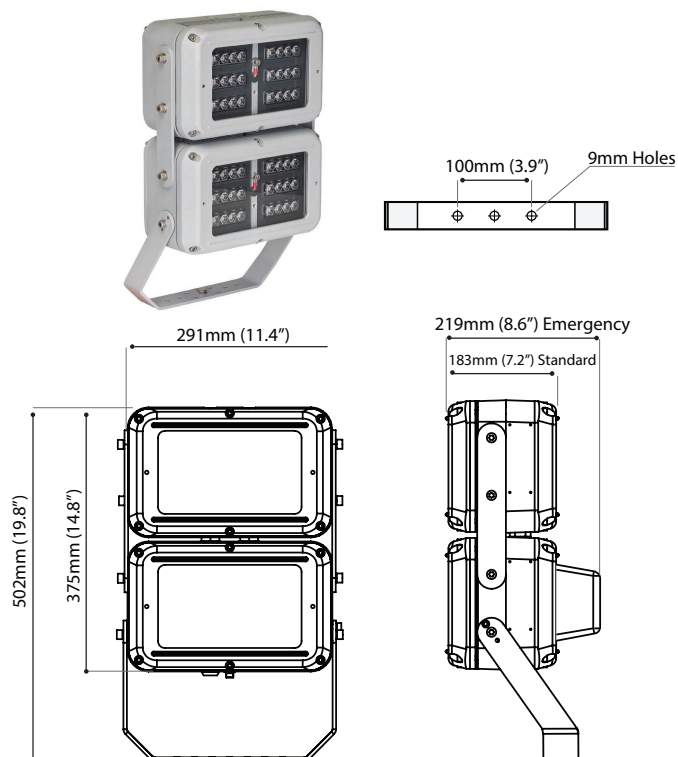
Emergency Variant (BB Models): 10.0 kg (22.0 lbs)



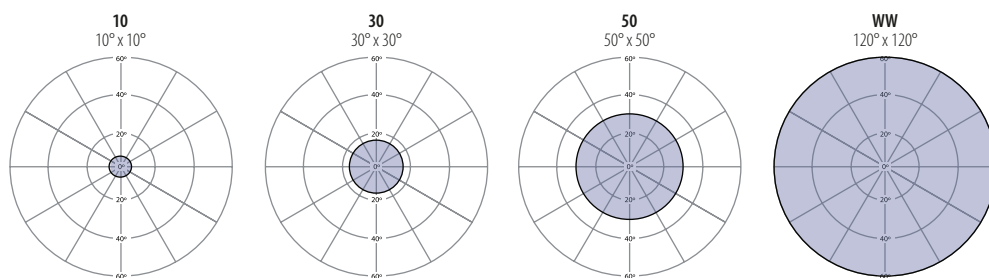
RF-17 (Yoke Mount)

Standard: 16.0 kg (35.2 lbs)

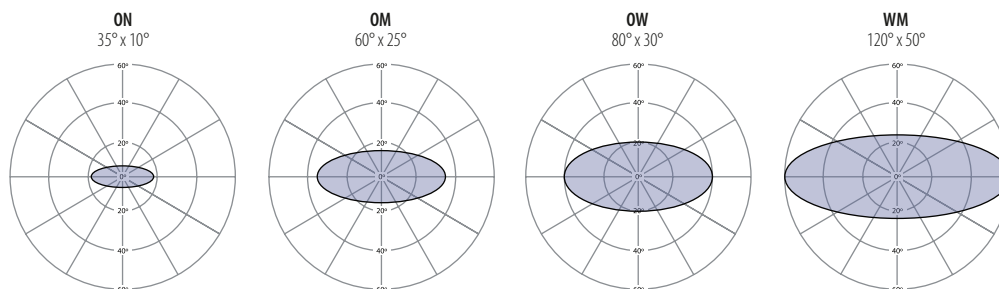
Emergency Variant (BB Models): 20.0 kg (44.1 lbs)



BEAM PATTERNS - CIRCULAR



BEAM PATTERNS - ELLIPTICAL



ORDERING INFORMATION

PROJECT NAME		TYPE
PROJECT LOCATION		
COMMENT		DATE
PREPARED BY		

MODEL SELECTOR

Sample Number: RF-8-65-50-EX1-AC

FAMILY	MODEL	CCT/COLOUR	OPTICS	CERTIFICATION	VOLTAGE	OPTION	ENTRY
RF -	-	65 -	-	-	-		
RF	8 - 8,000 lm 17 - 17,000 lm	65 - 6500K	10 - 10°x10° 30 - 30°x30° 50 - 50°x50° WW - 120°x120° ON - 35°x10° OM - 60°x25° OW - 80°x30° WM - 120°x50°	EX1 - Zone 1 EX2 - Zone 2	AC - 110-254VAC 50/60Hz 24V - 18-69VDC	BLANK - Standard BB25 - 25% Output BB50 - 50% Output BB75 - 75% Output BB100 - 100% Output See table below for fixture battery backup durations.	BLANK - M20 M25 - M25 conduit entries

BATTERY BACKUP DURATIONS

RF-8	% Pw Output	Duration
BB25	25	120 mins
BB50	50	90 mins
BB75	75	60 mins
BB100	100	45 mins
RF-17	% Pw Output	Duration
BB25	25	120 mins
BB50	50	45 mins
BB75	75	60 mins
BB100	100	45 mins