

WARRIOR LED Industrial SPI BL24 Flood Light



Bespoke LED

Raytec are specialists in LEDs and all our products are designed around LEDs with bespoke housing for optimum performance and reliability.



Robust and Durable

Designed from marine grade aluminium and able to withstand the most extreme environments.



Beam Angles

Available in a range of different beam patterns, both circular and elliptical.



Intelligent Emergency

Self-testing emergency battery providing up to 3 hours emergency back-up.

5 YEAR WARRANTY

All Raytec luminaires are provided with an industry leading 5 year warranty and have an expected useful life in excess of 10 years. See Warranty Statement for details.



Technical Specifications

Electrical	BL24	BL24-HO	BL24 EMX25	BL24-HO EMX25
Input	110-254V 50/60Hz AC only Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only	110-254V 50/60Hz AC only
Power	20W	34W	24W	37W
Termination	Incoming terminal block suitable for looping 4 core 4mm ² cable (6mm ² available - POA)			
Power Factor	>0.9			
Cable Entries	4xM20 as standard (other entries available upon request), dispatched complete with three ATEX/UKEX/IEC Ex approved blanking plug			

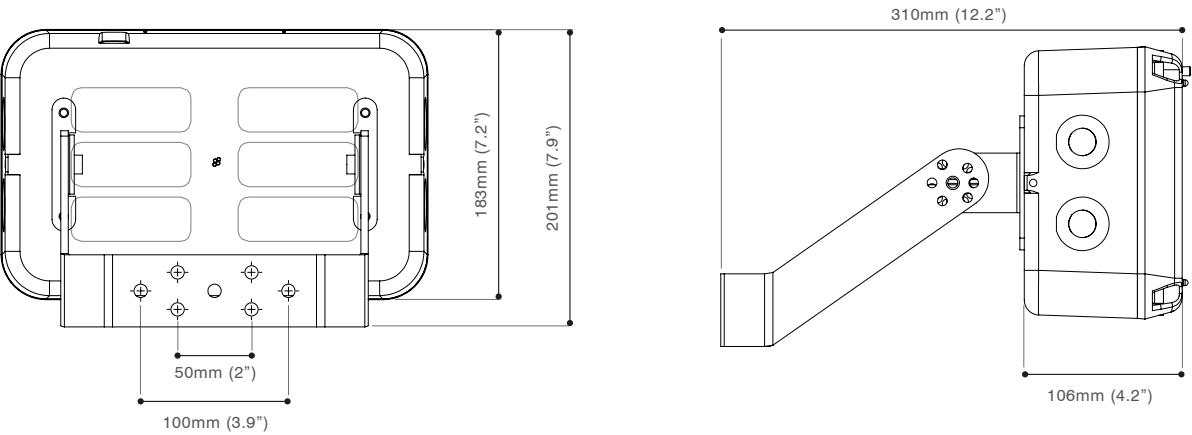
Optical	BL24	BL24-HO	BL24 EMX25	BL24-HO EMX25
Beam Patterns - Circular	10°x 10° or 30°x 30° or 50°x 50° or 80°x 80° or 120°x 120° (10 x 10 option can be upgraded to Vario Technology)			
Beam Patterns - Elliptical	35°x 10° or 60°x 25° or 80°x 30° or 120°x 50° (VARIO)			
Lumen output on mains	2,750 lm – circular beam patterns 2,500 lm – elliptical beam patterns (VARIO)	4,650 lm – circular beam patterns 4,100 lm – elliptical beam patterns (VARIO)	2,750 lm – circular beam patterns 2,500 lm – elliptical beam patterns (VARIO)	4,650 lm – circular beam patterns 4,100 lm – elliptical beam patterns (VARIO)
LED type	Platinum Elite SMT LEDs			
Number of LEDs	24			
CRI	80+			
Colour Temperature	6500K standard			

Mechanical	BL24	BL24-HO	BL24 EMX25	BL24-HO EMX25
Burning Position	Universal			
IP Rating	IP66 & IP67			
Temperature Range	- 50°C to +55°C		- 20°C to +55°C	
Weight	5kg (11.0lbs)		6kg (13.2lbs)	
Enclosure	Marine grade aluminium epoxy powder coated, toughened glass, all external fasteners and brackets are marine grade stainless steel			
Unit Colour	Silver (RAL 9006)			
Installation instructions	Please Contact Raytec			
Battery care instructions	Please Contact Raytec			
Dimensions	See Dimensional Sketches			
Mounting	Stirrup bracket (as shown on next page). Other options available.			

Technical Specifications - Continued

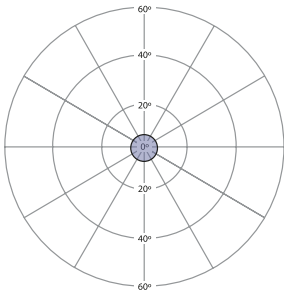
Intelligent Emergency	BL24 EMX25	BL24-HO EMX25
Function	Self-testing intelligent emergency	Self-testing intelligent emergency
System health indicator	Tri-colour LED indicator	Tri-colour LED indicator
Emergency Duration	Up to 3hrs @ 25% power Other options available	Up to 3hrs @ 25% power Other options available
Emergency Battery	2.5 Ah	2.5 Ah
Emergency Charge Time	20 hours	20 hours

Product Dimensions

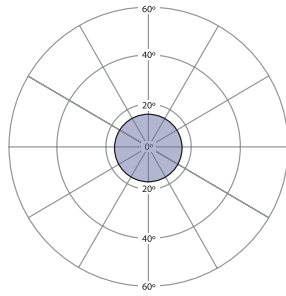


Beam patterns - Circular

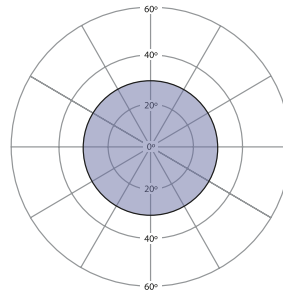
10° x 10°



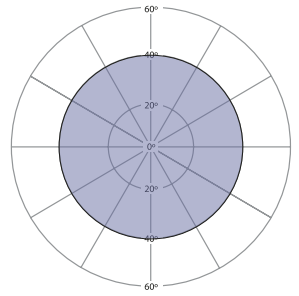
30° x 30°



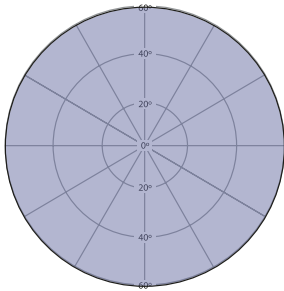
50° x 50°



80° x 80°

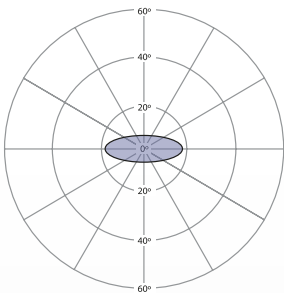


120° x 120°

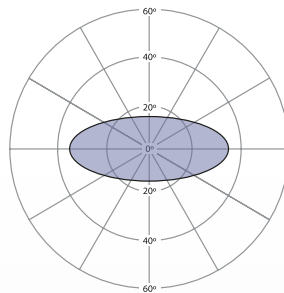


Beam patterns – Elliptical (VARIO)

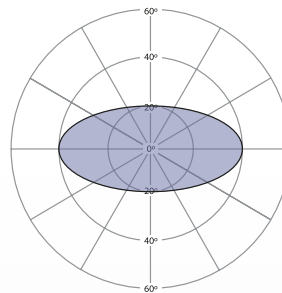
35° x 10°



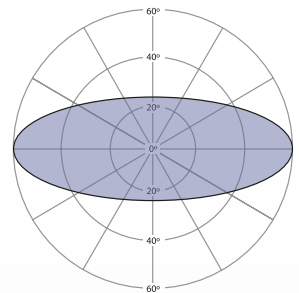
60° x 25°



80° x 30°



120° x 50°



Part Code Builder

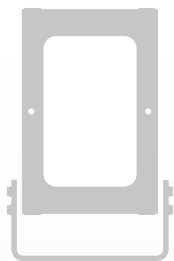
WARRIOR BL24 Flood

Example - SPI-BL24-W-5050-SB30

Family	Model	Light Type	Optic	Emergency	CCT	Power	Entry	Mounting
SPI	BL24	W - White Light	120120	NOT STATED - Non EM	Not Stated - 6500K	Not Stated - Standard Mains	Not Stated - M20	SB30 - Stirrup Mount (floodlight 30*)
			12050	EMX25 (3 hour)	4K - 4000K	LV - Low Voltage (Non EM only)	M25	
			1010			ELV - Extra Low Voltage (Non EM only)		
			3030			LO - Low Output (12W)		
			5050					
			8080					
			50120					
			8030					
			6025					
			3510					

*Other options available, please contact Raytec for more information

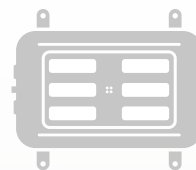
Products in the WARRIOR Family



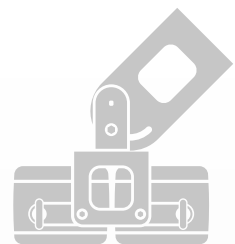
WARRIOR Flood



WARRIOR Linear



WARRIOR Bulkhead



WARRIOR Crane