WARRIOR LED
Industrial SPI Flood BL24











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

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

Beam Angles
Available in a range of different beam patterns, both symmetrical and asymmetric.

Controllable
DALI 2.0 Dimmable as an option on non emergency variants for precise and flexible control of lighting assets.

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.

5 YEAR WARRANTY

Raytec Global (excluding Americas): +44 (0) 01670 520055 • sales@raytecled.com
Raytec Americas: +1 613 270 9990 • ushazsales@raytecled.com
www.raytecled.com

Technical Specifications

Electrical	BL24	BL24-HO	BL24 EMX25	BL24-HO EMX25
Input	Standard: 110-254V AC or DC 50/60/0Hz Optional: 110-277 50/60hz Low voltage: 18-48V AC and 18-69V DC		110-254V 50/60Hz AC only	
Power	15W	26W	19W	33W
Termination	Incoming terminal block suitable for looping 4 core 4mm² cable (6mm² available - POA)			
Power Factor	>0.9			
Cable Entries	4xM20 as standard (other entries available upon request), dispatched complete with three blanking plugs			
DALI	Non-emergency products are available as DALI 2.0 enabled as an option. In these variants terminals are provided for loop in/loop out 2 core control cable			

Optical	BL24	BL24-HO	BL24 EMX25	BL24-HO EMX25
Beam Patterns	See beam angle options below			
Lumen output on mains	Up to 2,426 lm	Up to 4,162 lm	Up to 2,426 lm	Up to 4,162 lm
LED type	Platinum Elite SMT LEDs			
Number of LEDs	96			
CRI	80+			
Colour Temperature	6500K standard			

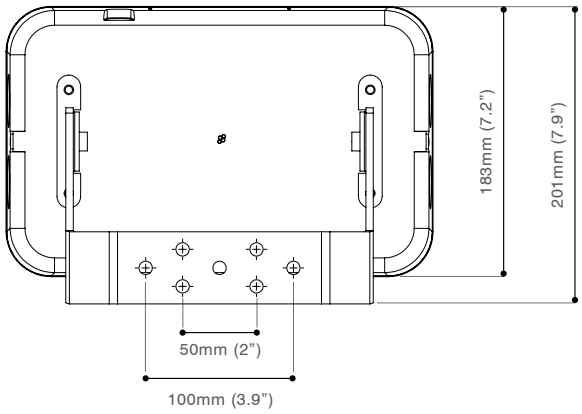
Mechanical	BL24	BL24-HO	BL24 EMX25	BL24-HO EMX25
Burning Position	Universal			
IP Rating	IP66 & IP67			
Temperature Range	- 50°C to + 55°C (-58°F to + 131°F)		- 20°C to + 55°C (- 4°F to + 131°F)	
Weight	5kg (11.0lbs)		6kg (13.2lbs)	
Enclosure	Marine grade aluminium epoxy powder coated, toughened glass, all external fasteners and brackets are marine grade stainless steel			
Unit Colour	Silver (RAL 9006)			
Installation instructions	Please see document 0940-D-00007 at www.raytecled.com			
Battery care instructions	Please see document 0010-D-00001 at www.raytecled.com			
Spare Part Information	Please contact Raytec for information regarding spare part availability			
Dimensions	See Dimensional Sketches			
Mounting	Comes complete with stainless steel brackets (as shown on next page). Other options available			
ABS Certificate #:	#25-0220600-PDA			

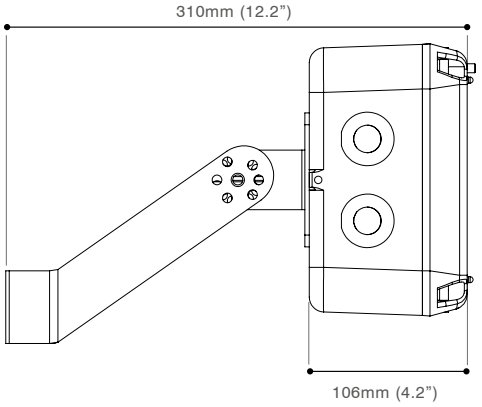
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Technical Specifications - Continued

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

Product Dimensions

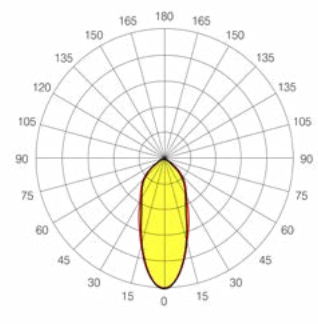




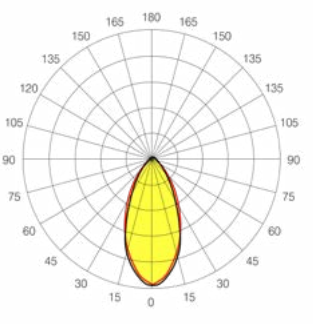
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Beam patterns - Symmetrical

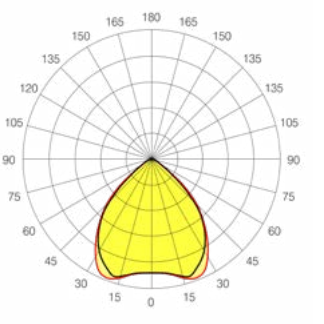
30° x 30°



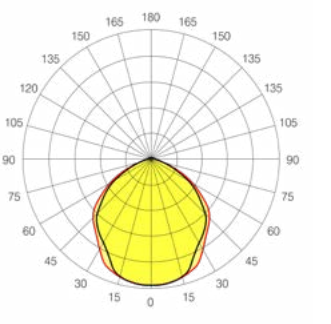
50° x 50°



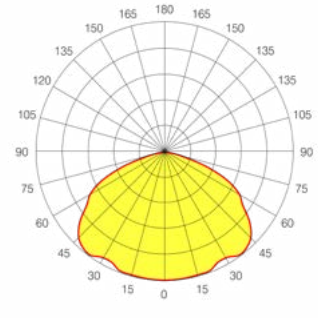
90° x 90°



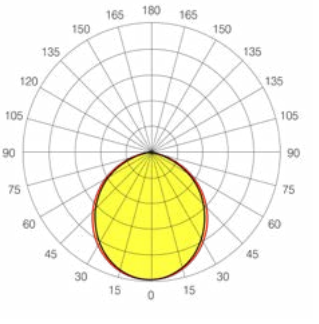
100° x 100°



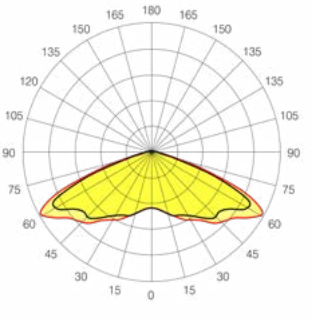
120° x 120°



Diffused

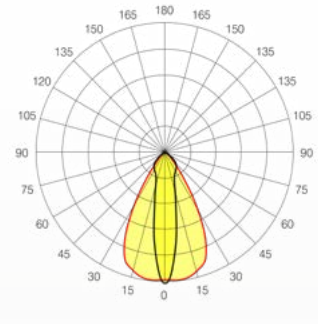


140° x 140°

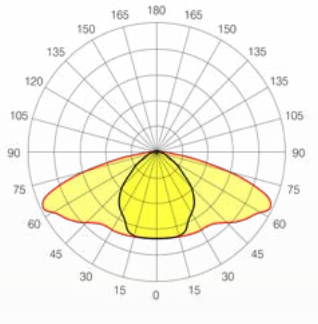


Beam patterns – Asymmetrical

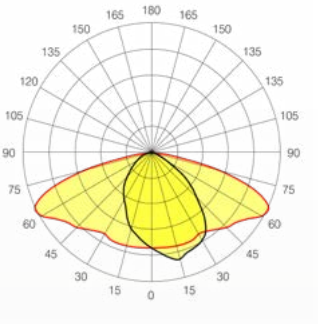
80° x 30°



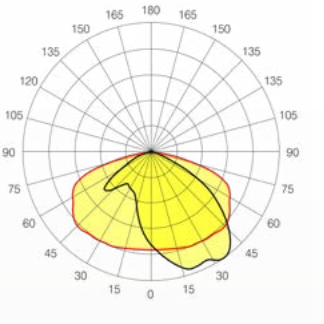
120° x 50°



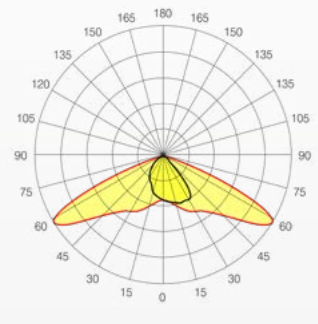
PP2



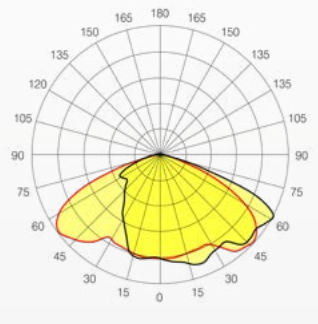
PP3



WB



AR1



*Other beam angles available, please contact Raytec for more information

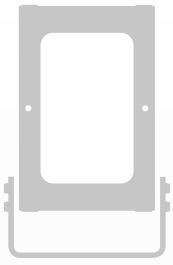
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Part Code Builder

WARRIOR Flood BL24

Example - SPI-BL24-W-5050-SB30								
Family	Model	Light Type	Optic	Emergency	CCT	Power	Entry	Mounting
SPI	BL24	W - White Light	3030	Not Stated - Non EM	Not Stated - 6500K	Not Stated - Standard Mains	Not Stated - M20	SB30 - Stirrup Mount (floodlight 30*)
	BL24-HO		5050	EMX25 (3 hour)	4K - 4000K	277 - 110-277Vac 50/60hz	M25	
			9090	DA - DALI		LV - Low Voltage (Non EM only)		
			100100			LO - Low Output (12W)		
			120120					
			D - Diffused					
			140140					
			8030					
			12050					
			PP2					
			PP3					
			WB					
			AR1					

Products in the WARRIOR Family



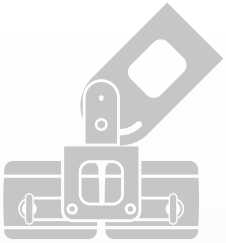
WARRIOR Flood



WARRIOR Linear



WARRIOR Bulkhead



WARRIOR Crane

Disclaimer

The information provided in this document was accurate at the time of its creation. However, due to the evolving nature of our products and continuous improvements, there may be changes or updates that occur after its publication. For the most current and detailed information about our products, please contact our sales team at sales@raytecled.com.

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