

SPARTAN BULKHEAD



Intelligent Emergency Back-Up

SPARTAN Bulkhead is available as an emergency variant, which can run up to 100% light output under emergency conditions. All SPARTAN Bulkhead emergency units come with intelligent battery management to proactively monitor and maintain the overall health of your luminaire.

LED Friendly

SPARTAN Bulkhead uses CoolExtrude™ thermal management technology, ensuring a much cooler LED operating temperature. This provides up to 60% better heat dissipation compared to traditional lighting solutions and allows the product to operate for 10+ years in the most challenging environments.

Compact

SPARTAN Bulkhead has a compact, low profile design for restricted space applications. The location of the cable entries means the luminaire can be mounted virtually flush to a flat surface, and allow loop in, loop out wiring.



Robust

Housed in marine grade aluminium with stainless steel fasteners and brackets, SPARTAN Bulkhead is IP66 and IP67 rated and can survive in the most extreme environments.

Wide Operating Temperature

An operating temperature range of -50°C to +55°C* with a T4/T5 rating means SPARTAN Bulkhead is suitable for even the most challenging conditions.

** Emergency variants have an operating temperature of -20°C to +46°C*



SPARTAN
BULKHEAD BL24



SPARTAN
BULKHEAD BL24 Emergency

Certification	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved
Beam Angles	50°x50° / 90°x90° / 100°x100° / 120°x120° / 140°x140° / Diffused (Circular) 120°x50° / PP2 / PP3 / WB / AR (Elliptical)	50°x50° or 90°x90° or 100°x100° or 120°x120° or 140°x140° or Diffused (Circular) 120°x50° or PP2 or PP3 or WB or AR (Elliptical)
Input	Standard: 110-254V AC or DC 50/60Hz Optional: 110-277 50/60Hz Low Voltage: 18-48V AC and 18-69V DC	110-254V 50/60Hz AC only
Consumption	Standard: 15W High Output: 26W	Standard: 19W High Output: 33W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	96	96
Power output (luminous flux)	Standard: up to 2,274lm High Output: up to 3,979lm	Standard: up to 2,274lm High Output: up to 3,979lm
Wavelength	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67
Temperature Range	-50°C to +55°C (-58°F to +131°F)	-20°C to +46°C (-4°F to +114°F)
Colour Temperature (White-Light)	6,500K as standard	6,500K as standard
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	5kg (11.0lbs)	6kg (13.2lbs)
Dimensions	288 x 220 x 122mm (11.3 x 8.7 x 4.8")	288 x 220 x 122mm (11.3 x 8.7 x 4.8")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED modules Access wiring system T4 Rating DALI2 enabled as an option	CoolExtrude™ Thermal Management Removable PSU and LED modules Access wiring system T4 Rating
Intelligent Emergency Battery Back-up		
Battery		2.5 Ah
Duration		Up to 3hrs @ 25% power Other options available
Charge Time		20 hours
Additional Features		Automatic self-testing



Certification	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved
Beam Angles	30°x30° or 50°x50° or 90°x90° or 100°x100° or 120°x120° or 140°x140° or Diffused (Circular) 80°x30° or 120°x50° or PP2 or PP3 or WB or AR (Elliptical)	30°x30° or 50°x50° or 90°x90° or 100°x100° or 120°x120° or 140°x140° or Diffused (Circular) 80°x30° or 120°x50° or PP2 or PP3 or WB or AR (Elliptical)
Input	Standard: 110-254V AC or DC 50/60Hz Optional: 110-277 50/60Hz Low Voltage: 18-48V AC and 18-69V DC	110-254V 50/60Hz AC only
Consumption	Standard: 15W High Output: 26W	Standard: 19W High Output: 33W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	96	96
Power output (luminous flux)	Standard: up to 2,426lm High Output: up to 4,162lm	Standard: up to 2,426lm High Output: up to 4,162lm
Wavelength	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67
Temperature Range	-50°C to +55°C (-58°F to +131°F)	-20°C to +46°C (-4°F to +114°F)
Colour Temperature (White-Light)	6,500K as standard	6,500K as standard
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	5kg (11.0lbs)	6kg (13.2lbs)
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Certification	CID2 and ABS Approved	CID2 and ABS Approved
Beam Angles	10° x 10° or 30° x 30° or 50° x 50° and 120° x 120° (circular) 35° x 10° or 60 x25° or 80° x 30° and 120° x 50° (elliptical)	10° x 10° or 30° x 30° or 50° x 50° and 120° x 120° (circular) 35° x 10° or 60 x25° or 80° x 30° and 120° x 50° (elliptical)
Input	110-254V 50/60Hz AC only Low voltage: 18-48V AC and 18-69V DC	110-254V 50/60Hz AC only
Consumption	20W	24W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	24	24
Power output (luminous flux)	BL24 - 2,500 lm – circular beam patterns 2,250 lm – elliptical beam patterns (VARIO) BL24-HO - 4,250 lm – circular beam patterns 4,000 lm – elliptical beam patterns (VARIO)	BL24-EMX25 - 2,500 lm – circular beam patterns 2,250 lm – elliptical beam patterns (VARIO) BL24-HO-EMX25 - 4,250 lm – circular beam patterns 4,000 lm – elliptical beam patterns (VARIO)
Wavelength	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67
Temperature Range	-50°C to +55°C (-58°F to +131°F)	-20°C to +46°C (-4°F to +114°F)
Colour Temperature (White-Light)	6,000K+	6,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	5kg (11.0lbs)	6kg (13.2lbs)
Dimensions	288 x 220 x 122mm (11.3 x 8.7 x 4.8")	288 x 220 x 122mm (11.3 x 8.7 x 4.8")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED modules Access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules Access wiring system T4 Rating
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Charge Time		20 hours
Additional Features		Automatic self-testing