



PRODUCT OVERVIEW

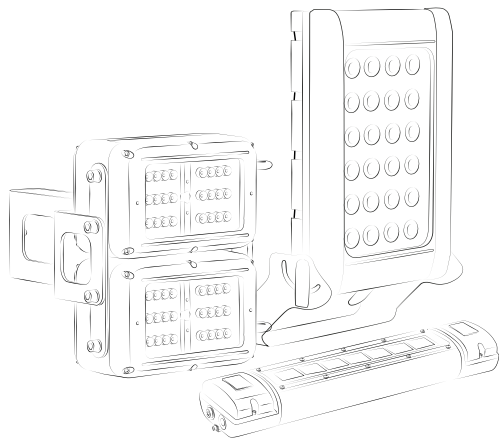


Hazardous Area Luminaires



UK Designed and Manufactured

All Raytec hazardous area products are designed and manufactured in the UK and are ATEX and IEC Ex approved. We're so confident in our quality that all our products come with a 5 year warranty. Raytec are also ISO9001 and ISO14001 certified.



Full Product Family

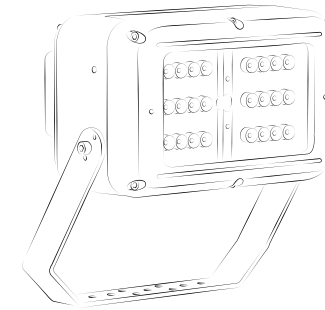
Raytec manufacture a full range of hazardous area lighting with SPARTAN Flood, Recess, Linear, Bulkhead, Bay, Crane and Street lighting, meaning there's a solution for any application.



Global Reach

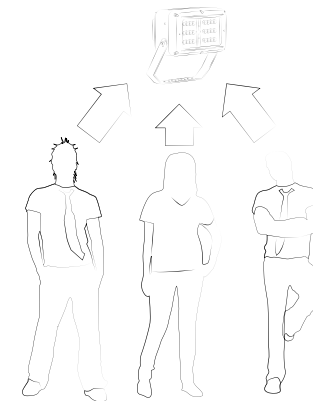
Based at our HQ, near Newcastle, UK, we also have a sales office in Canada.

Our products are successfully deployed globally from the Arctic Circle to the Jungles of Borneo.



Leaders in LED

Founded in 2005, each and every Raytec luminaire produced is built around LED technology, with over half a million products currently in service. We've used our expertise to create SPARTAN - a high performance range of hazardous area lighting which delivers class leading performance and reliability.



Lighting Specialists

Raytec and all our people are 100% focused on lighting. Everything from product design, to manufacture, to sales and after sales service is under one roof at our Global HQ.

rayTEC®

FLOOD

Zone 1 6-10

Zone 2 / CID2 11-18

LINEAR

Zone 1 21-23

Zone 2 / CID2 24-26

RECESS

Zone 1 29-30

Zone 2 / CID2 31-32

BULKHEAD

Zone 1 34

Zone 2 / CID2 35-36

STREET

Zone 1 / Zone 2 38

CRANE

Zone 1 / Zone 2 / CID2 40

BAY

Zone 1 42-44

Zone 2 / CID2 45-48

ACCESSORIES

Accessories 49

SPECIALIST PRODUCTS

Specialist Products 50

DESIGN SERVICES

Design Services 51

SPARTAN FLOOD



New!

Mid Power Flood Emergency

Intelligent Driver

High Power Flood versions feature an intelligent and fully programmable DALI enabled driver for seamless integration into your existing lighting infrastructure.

Robust

Housed in marine grade aluminium with A4 stainless steel fasteners and brackets, SPARTAN Flood is IP66 and IP67* rated and can survive in the most extreme environments.



Wide Operating Temperature

An operating temperature range of -40°C to +60°C* with a T4/T5/T6* rating means SPARTAN Flood is suitable for even the most challenging conditions.

Ultra-Powerful

SPARTAN Flood integrates the latest high power LEDs with Raytec's field proven LED management and optic technology. This delivers a high lumen output of up to 34,000 lumens.

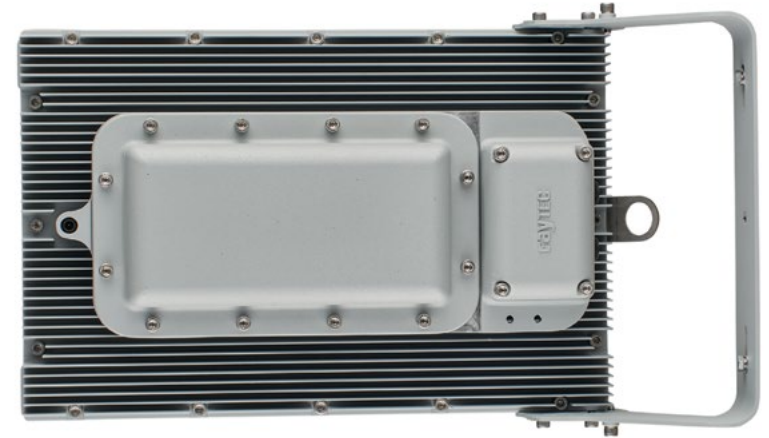


Multiple Beam Patterns

SPARTAN Flood is available with a variety of different beam patterns, both circular and elliptical*, ensuring light can be targeted where it's needed most.

LED Friendly

SPARTAN Flood 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.



Emergency Back-Up

SPARTAN Flood* is available as a high performance emergency variant, using an additional battery back-up module which can deliver up to 100% light output under emergency conditions.



Flexible Installation and Easy Maintenance

The modular design allows great flexibility – the entire PSU chassis can be removed and located remotely at ground level for areas with difficult access. Additionally the individual PSU modules can be easily accessed and replaced making servicing and inspection of all key components quicker and easier.





SPARTAN
HIGH POWER FLOOD HPFL30K

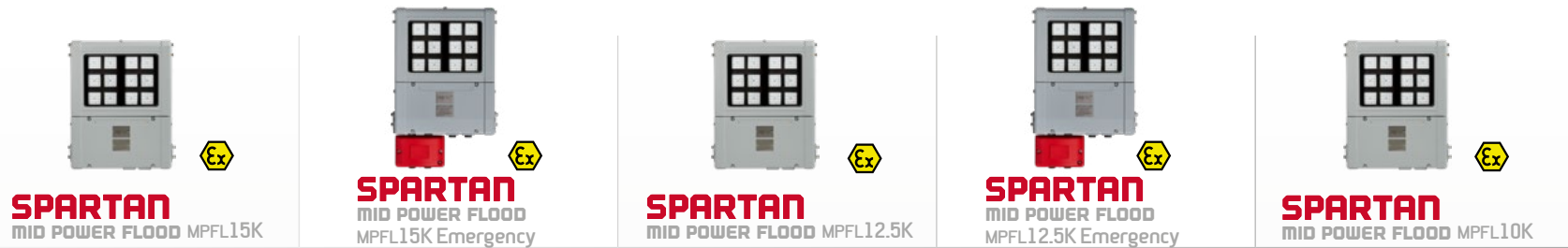


SPARTAN
HIGH POWER FLOOD HPFL25K



SPARTAN
HIGH POWER FLOOD HPFL20K

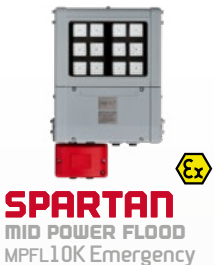
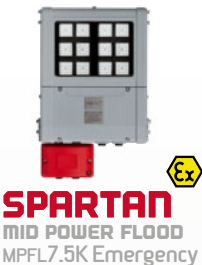
Certification	ATEX, IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved
Beam Angles	30° x 30° / 60° x 60° / 90° x 90°	30° x 30° / 60° x 60° / 90° x 90°	30° x 30° / 60° x 60° / 90° x 90°
Input	150-264V 50/60Hz AC/DC 110V variant available - contact Raytec	150-264V 50/60Hz AC/DC 110V variant available - contact Raytec	150-264V 50/60Hz AC/DC 110V variant available - contact Raytec
Beam Shape	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed
Consumption	300W	250W	200W
LED type	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs
Number of LEDS	24	24	24
Power output (luminous flux)	29,134 lm	24,278 lm	19,423 lm
Wavelength	White-Light	White-Light	White-Light
IP Rating	IP66	IP66	IP66
Temperature Range	-50°C to +50°C (-58°F to +122°F)	-50°C to +50°C (-58°F to +122°F)	-50°C to +50°C (-58°F to +122°F)
Colour Temperature (White-Light)	5,700K	5,700K	5,700K
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	23.5kg (51.8lbs)	23.5kg (51.8lbs)	23.5kg (51.8lbs)
Dimensions	639 x 350 x 215mm (25.2 x 13.8 x 8.5")	639 x 350 x 215mm (25.2 x 13.8 x 8.5")	639 x 350 x 215mm (25.2 x 13.8 x 8.5")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating



Certification	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved				
Beam Angles	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)
Input	110-277V 50/60Hz AC only				
Beam Angle System	Fixed				
Consumption	120W				
LED type	Platinum Elite SMT LEDs				
Number of LEDS	192				
Power output (luminous flux)	Up to 17983lm				
Wavelength	White-Light				
IP Rating	IP66 & IP67				
Temperature Range	-40°C to +60°C (-40°F to +140°F)				
Colour Temperature (White-Light)	6,500K				
Colour	Silver (RAL 9006)				
Weight	13.2kg (29.1lbs)				
Dimensions	609 x 350 x 109 (24 x 13.9 x 4.3")				
Additional Features	Removable PSU Front access wiring system T4 Rating				

Emergency Battery Back-up

Battery	NiMH 12V 6.0Ah				
Duration	180 or 90 mins depending on variant Other options available				
Charge Time	20 Hours				
Additional Features	Automatic self-testing				

	 SPARTAN MID POWER FLOOD MPFL10K Emergency	 SPARTAN MID POWER FLOOD MPFL7.5K	 SPARTAN MID POWER FLOOD MPFL7.5K Emergency	 SPARTAN MID POWER FLOOD MPFL5K	 SPARTAN MID POWER FLOOD MPFL5K 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	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	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved
Beam Angles	60°X60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)
Input	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only
Beam Angle System	Fixed	Fixed	Fixed	Fixed	Fixed
Consumption	85W	60W	65W	50W	55W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	192	192	192	192	192
Power output (luminous flux)	up to 11,947lm	Up to 8969lm	Up to 8969lm	Up to 7471lm	Up to 7471lm
Wavelength	White-Light	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)
Colour Temperature (White-Light)	6,500K	6,500K	6,500K	6,500K	6,500K
Colour	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	16kg (35.2lbs)	13.2kg (29.1lbs)	16kg (35.2lbs)	13.2kg (29.1lbs)	16kg (35.2lbs)
Dimensions	609 x 350 x 119 (24 x 13.9 x 4.7")	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 119 (24 x 13.9 x 4.7")	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 119 (24 x 13.9 x 4.7")
Additional Features	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating
Emergency Battery Back-up					
Battery	NiMH 12V 6.0Ah		NiMH 12V 6.0Ah		NiMH 12V 6.0Ah
Duration	180 or 90 mins depending on variant Other options available		180 or 90 mins depending on variant Other options available		180 or 90 mins depending on variant Other options available
Charge Time	20 Hours		20 Hours		20 Hours
Additional Features	Automatic self-testing		Automatic self-testing		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	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x25° / 80° x 30° and 120° x 50° (elliptical)	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x25° / 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
Beam Shape	Elliptical or Circular	Elliptical or Circular
Beam Angle System	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)
Consumption	136W	139W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	48	48
Power output (luminous flux)	Up to 16,900 lm – circular beam patterns Up to 15,900 lm – elliptical beam patterns (VARIO)	Up to 16,900 lm – circular beam patterns Up to 15,900 lm – elliptical beam patterns (VARIO)
Wavelength	White-Light (also available in Infra-Red)	White-Light (also available in Infra-Red)
IP Rating	IP66 & IP67	IP66 & IP67
Temperature Range	-52°C to +55°C (-62°F to +131°F)	-20°C to +55°C (-4°F to +131°F)
Colour Temperature (White-Light)	6,000K+	6,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	16kg (35.2lbs)	20kg (44lbs)
Dimensions	291 x 502 x 158mm (11.5 x 19.8x 6.2")	291 x 502 x 219mm (11.5 x 19.8 x 8.6")
Additional Features	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) Access wiring system T4 rating	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) Access wiring system T4 rating
Emergency Battery Back-up		
Battery		Ni/Cd 12V 4.5Ah
Duration		Up to 90mins at 25% power (1x battery unit) Other options available
Charge Time		20 hours
Additional Features		



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	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	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x 25° / 80° x 30° and 120° x 50° (elliptical)	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x 25° / 80° x 30° and 120° x 50° (elliptical)	30°x30° or 50°x50° or 90°x90° or 100°x100° or 120°x120° or 140°x140° (Circular) 80°x30° or 120°x50° or PP2 or PP3 or WB or AR or Diffused (Elliptical)	30°x30° or 50°x50° or 90°x90° or 100°x100° or 120°x120° or 140°x140° (Circular) 80°x30° or 120°x50° or PP2 or PP3 or WB or AR or Diffused (Elliptical)
Input	110-254V 50/60Hz AC only Low voltage: 18-48V AC and 18-69V DC	110-254V 50/60Hz AC only	Standard: 110-254V AC or DC 50/60Hz Optional: 110-277 50/60Hz Low Voltage: 18-48V AC and 18-69V DC	110-254V AC or DC 50/60Hz
Beam Shape	Elliptical or Circular	Elliptical or Circular	Elliptical or Circular	Elliptical or Circular
Beam Angle System	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)
Consumption	68W	71W	Standard: 15W High Output: 26W	Standard: 19W High Output: 33W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	24	24	96	96
Power output (luminous flux)	Up to 8,450 lm – circular beam patterns Up to 8,200 lm – elliptical beam patterns (VARIO)	Up to 8,450 lm – circular beam patterns Up to 8,200 lm – elliptical beam patterns (VARIO)	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 (also available in Infra-Red)	White-Light (also available in Infra-Red)	White-Light (also available in Infra-Red)	White-Light (also available in Infra-Red)
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-52°C to +55°C (-62°F to +131°F)	-20°C to +55°C (-4°F to +131°F)	-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+	6,500K as standard	6,500K as standard
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	8kg (17.6lbs)	10kg (22lbs)	5kg (11.0lbs)	6kg (13.2lbs)
Dimensions	291 x 312 x 150mm (11.5 x 12.3 x 6")	291 x 312 x 215mm (11.5 x 12.3 x 8.5")	289 x 183 x 232mm (11.4 x 7.2 x 9.1")	289 x 183 x 232mm (11.4 x 7.2 x 9.1")
Additional Features	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) Access wiring system T4 rating	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) T4 rating	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
Emergency Battery Back-up				
Battery		Ni/Cd 12V 4.5Ah		NiCd 12V 2.5Ah
Duration		Up to 90mins at 50% power (1x battery unit) Other options available		Up to 3hrs @ 25% power Other options available
Charge Time		20 hours		20 hours
Additional Features				Automatic self-testing



SPARTAN
HIGH POWER FLOOD HPFL30K



SPARTAN
HIGH POWER FLOOD HPFL25K



SPARTAN
HIGH POWER FLOOD HPFL20K

Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved
Beam Angles	30° x 30° / 60° x 60° / 90° x 90°	30° x 30° / 60° x 60° / 90° x 90°	30° x 30° / 60° x 60° / 90° x 90°
Input	150-264V 50/60Hz AC only CID2 variants - 120-277V AC/DC	150-264V 50/60Hz AC only CID2 variants - 120-277V AC/DC	150-264V 50/60Hz AC only CID2 variants - 120-277V AC/DC
Beam Shape	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed
Consumption	300W	250W	200W
LED type	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs
Number of LEDs	24	24	24
Power output (luminous flux)	34,456 lm	28,713 lm	22,971 lm
Wavelength	White-Light	White-Light	White-Light
IP Rating	IP66	IP66	IP66
Temperature Range	-50°C to +50°C (-58°F to +122°F)	-50°C to +50°C (-58°F to +122°F)	-50°C to +50°C (-58°F to +122°F)
Colour Temperature (White-Light)	5,700K	5,700K	5,700K
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	23.5kg (51.8lbs)	23.5kg (51.8lbs)	23.5kg (51.8lbs)
Dimensions	639 x 350 x 215mm (25.2 x 13.8 x 8.5")	639 x 350 x 215mm (25.2 x 13.8 x 8.5")	639 x 350 x 215mm (25.2 x 13.8 x 8.5")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating



SPARTAN
MID POWER FLOOD MPFL15K



SPARTAN
MID POWER FLOOD
MPFL15K Emergency



SPARTAN
MID POWER FLOOD MPFL12.5K



SPARTAN
MID POWER FLOOD
MPFL12.5K Emergency



SPARTAN
MID POWER FLOOD MPFL10K

Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved
Beam Angles	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)
Input	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only
Beam Angle System	Fixed	Fixed	Fixed	Fixed	Fixed
Consumption	120W	125W	100W	105W	80W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	192	192	192	192	192
Power output (luminous flux)	Up to 19,999lm	Up to 19,999lm	Up to 16,649lm	Up to 16,649lm	Up to 13,319lm
Wavelength	White-Light	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)
Colour Temperature (White-Light)	6,500K	6,500K	6,500K	6,500K	6,500K
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)
Weight	13.2kg (29.1lbs)	16kg (35.2lbs)	13.2kg (29.1lbs)	16kg (35.2lbs)	13.2kg (29.1lbs)
Dimensions	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 119 (24 x 13.9 x 4.7")	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 119 (24 x 13.9 x 4.7")	609 x 350 x 109 (24 x 13.9 x 4.3")
Additional Features	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating

Emergency Battery Back-up

Battery	NiMH 12V 6.0Ah	NiMH 12V 6.0Ah
Duration	180 or 90 mins depending on variant Other options available	180 or 90 mins depending on variant Other options available
Charge Time	20 Hours	20 Hours
Additional Features	Automatic self-testing	Automatic self-testing



Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved		ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved		ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved		ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved		ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved	
Beam Angles	30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)		30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)		30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)		30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)		30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	
Input	110-277V 50/60Hz AC only		110-277V 50/60Hz AC only		110-277V 50/60Hz AC only		110-277V 50/60Hz AC only		110-277V 50/60Hz AC only	
Beam Angle System	Fixed		Fixed		Fixed		Fixed		Fixed	
Consumption	85W		60W		65W		50W		55W	
LED type	Platinum Elite SMT LEDs		Platinum Elite SMT LEDs		Platinum Elite SMT LEDs		Platinum Elite SMT LEDs		Platinum Elite SMT LEDs	
Number of LEDS	192		192		192		192		192	
Power output (luminous flux)	Up to 13,319lm		Up to 9,999lm		Up to 9,999lm		Up to 8,329lm		Up to 8,329lm	
Wavelength	White-Light		White-Light		White-Light		White-Light		White-Light	
IP Rating	IP66 & IP67		IP66 & IP67		IP66 & IP67		IP66 & IP67		IP66 & IP67	
Temperature Range	-20°C to +50°C (-4°F to +122°F)		-40°C to +60°C (-40°F to +140°F)		-20°C to +50°C (-4°F to +122°F)		-40°C to +60°C (-40°F to +140°F)		-20°C to +50°C (-4°F to +122°F)	
Colour Temperature (White-Light)	6,500K		6,500K		6,500K		6,500K		6,500K	
Colour	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)		Silver (RAL 9006)		Silver (RAL 9006) Emergency Cover - Red (RAL 3024)		Silver (RAL 9006)		Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	
Weight	16kg (35.2lbs)		13.2kg (29.1lbs)		16kg (35.2lbs)		13.2kg (29.1lbs)		16kg (35.2lbs)	
Dimensions	609 x 350 x 119 (24 x 13.9 x 4.7")		609 x 350 x 109 (24 x 13.9 x 4.3")		609 x 350 x 119 (24 x 13.9 x 4.7")		609 x 350 x 109 (24 x 13.9 x 4.3")		609 x 350 x 119 (24 x 13.9 x 4.7")	
Additional Features	Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating	

Emergency Battery Back-up

Battery	NiMH 12V 6.0Ah		NiMH 12V 6.0Ah		NiMH 12V 6.0Ah	
Duration	180 or 90 mins depending on variant Other options available		180 or 90 mins depending on variant Other options available		180 or 90 mins depending on variant Other options available	
Charge Time	20 Hours		20 Hours		20 Hours	
Additional Features	Automatic self-testing		Automatic self-testing		Automatic self-testing	



SPARTAN
MID POWER FLOOD MPFL15K



SPARTAN
MID POWER FLOOD MPFL12.5K



SPARTAN
MID POWER FLOOD MPFL10K



SPARTAN
MID POWER FLOOD MPFL7.5K



SPARTAN
MID POWER FLOOD MPFL5K

Certification	CID2 and ABS Approved	CID2 and ABS Approved	CID2 and ABS Approved	CID2 and ABS Approved	CID2 and ABS Approved
Beam Angles	"30° x 30° or 60° x 60° or 90° x 90° or 120° x 15° or 10° x 10°"	"30° x 30° or 60° x 60° or 90° x 90° or 120° x 15° or 10° x 10°"	"30° x 30° or 60° x 60° or 90° x 90° or 120° x 15° or 10° x 10°"	30° x 30° or 60° x 60° or 90° x 90° or 120° x 15° or 10° x 10°	30° x 30° or 60° x 60° or 90° x 90° or 120° x 15° or 10° x 10°
Input	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only
Beam Shape	Circular	Circular	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed	Fixed	Fixed
Consumption	120W	100W	80W	60W	40W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	48	48	48	24	24
Power output (luminous flux)	Up to 16,470lm	Up to 13,712lm	Up to 10,973lm	Up to 8,235lm	Up to 5,486lm
Wavelength	White-Light	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-40°C to +60°C (-40°F to +140°F)	-40°C to +60°C (-40°F to +140°F)	-40°C to +60°C (-40°F to +140°F)	-40°C to +60°C (-40°F to +140°F)
Colour Temperature (White-Light)	5,700K	5,700K	5,700K	5,700K	5,700K
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	13.2kg (29.1lbs)	13.2kg (29.1lbs)	13.2kg (29.1lbs)	13.2kg (29.1lbs)	13.2kg (29.1lbs)
Dimensions	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 109 (24 x 13.9 x 4.3")
Additional Features	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating



Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) ABS Approved
Beam Angles	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x25° / 80° x 30° and 120° x 50° (elliptical)	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x25° / 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
Beam Shape	Elliptical or Circular	Elliptical or Circular
Beam Angle System	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)
Consumption	136W	139W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDs	48	48
Power output (luminous flux)	Up to 18,600 lm – circular beam patterns Up to 17,600 lm – elliptical beam patterns (VARIO)*	Up to 18,600 lm – circular beam patterns Up to 17,600 lm – elliptical beam patterns (VARIO)*
Wavelength	White-Light (also available in Infra-Red)	White-Light (also available in Infra-Red)
IP Rating	IP66 & IP67	IP66 & IP67
Temperature Range	-50°C to +55°C (-58°F to +131°F)	-20°C to +55°C (-4°F to +131°F)
Colour Temperature (White-Light)	6,000K+	6,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	16kg (35.2lbs)	20kg (44lbs)
Dimensions	291 x 502 x 158mm (11.5 x 19.8 x 6.2")	291 x 502 x 219mm (11.5 x 19.8 x 8.6")
Additional Features	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) Access wiring system T4 rating	Cool Extrude Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) Access wiring system T4 rating


SPARTAN
FLOOD FL24

SPARTAN
FLOOD FL24 Emergency

SPARTAN
FLOOD BL24

SPARTAN
FLOOD BL24 Emergency

Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) ABS Approved
Beam Angles	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x 25° / 80° x 30° and 120° x 50° (elliptical)	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x 25° / 80° x 30° and 120° x 50° (elliptical)	30°x30° or 50°x50° or 90°x90° or 100°x100° or 120°x120° or 140°x140° (Circular) 80°x30° or 120°x50° or PP2 or PP3 or WB or AR or Diffused (Elliptical)	30°x30° or 50°x50° or 90°x90° or 100°x100° or 120°x120° or 140°x140° (Circular) 80°x30° or 120°x50° or PP2 or PP3 or WB or AR or Diffused (Elliptical)
Input	110-254V 50/60Hz AC only Low voltage: 18-48V AC and 18-69V DC	110-254V 50/60Hz AC only	Standard: 110-254V AC or DC 50/60Hz Optional: 110-277 50/60Hz Low Voltage: 18-48V AC and 18-69V DC	110-254V AC or DC 50/60Hz
Beam Shape	Elliptical or Circular	Elliptical or Circular	Elliptical or Circular	Elliptical or Circular
Beam Angle System	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)
Consumption	68W	71W	Standard: 15W High Output: 26W	Standard: 19W High Output: 33W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	24	24	96	96
Power output (luminous flux)	Up to 9,300 lm – circular beam patterns Up to 9,050 lm – elliptical beam patterns (VARIO)*	Up to 9,300 lm – circular beam patterns Up to 9,050 lm – elliptical beam patterns (VARIO)*	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 (also available in Infra-Red)	White-Light (also available in Infra-Red)	White-Light (also available in Infra-Red)	White-Light (also available in Infra-Red)
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-50°C to +55°C (-58°F to +131°F)	-20°C to +55°C (-4°F to +131°F)	-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+	6,500K as standard	6,500K as standard
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	8kg (17.6lbs)	10kg (22lbs)	5kg (11.0lbs)	6kg (13.2lbs)
Dimensions	291 x 312 x 150mm (11.5 x 12.3 x 6")	291 x 312 x 215mm (11.5 x 12.3 x 8.5")	289 x 183 x 232mm (11.4 x 7.2 x 9.1")	289 x 183 x 232mm (11.4 x 7.2 x 9.1")
Additional Features	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) Access wiring system T4 rating	Cool Extrude Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) Access wiring system T4 rating	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

Emergency Battery Back-up

Battery		Ni/Cd 12V 4.5Ah		NiCd 12V 2.5Ah
Duration		Up to 90mins at 50% power (1x battery unit) Other options available		Up to 3hrs @ 25% power Other options available
Charge Time		20 hours		20 hours
Additional Features				Automatic self-testing



SPARTAN
FLOOD FL24



SPARTAN
FLOOD FL48

Certification	CID2 and ABS Approved	CID2 and ABS Approved
Beam Angles	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x25° / 80° x 30° and 120° x 50° (elliptical)	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x25° / 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 Low voltage: 18-48V AC and 18-69V DC
Beam Shape	Elliptical or Circular	Elliptical or Circular
Beam Angle System	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)
Consumption	68W	136W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	24	48
Power output (luminous flux)	Up to 9,300 lm – circular beam patterns Up to 9,050 lm – elliptical beam patterns (VARIO)*	Up to 18,600 lm – circular beam patterns Up to 17,600 lm – elliptical beam patterns (VARIO)*
Wavelength	White-Light <i>(also available in Infra-Red)</i>	White-Light <i>(also available in Infra-Red)</i>
IP Rating	IP66 & IP67	IP66 & IP67
Temperature Range	-50°C to +55°C (-58°F to +131°F)	-50°C to +55°C (-58°F to +131°F)
Colour Temperature (White-Light)	6,000K+	6,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006)
Weight	8kg (17.6lbs)	16kg (35.2lbs)
Dimensions	291 x 312 x 150mm (11.5 x 12.3 x 6")	291 x 502 x 158mm (11.5 x 19.8x 6.2")
Additional Features	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) Access wiring system T4 rating	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord (optional) Access wiring system T4 rating

	 SPARTAN FLOOD BL24	 SPARTAN FLOOD BL24 Emergency
Certification	CID2 and ABS Approved	CID2 and ABS Approved
Beam Angles	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x25° / 80° x 30° and 120° x 50° (elliptical)	10° x 10° / 30° x 30° / 50° x 50° and 120° x 120° (circular) 35° x 10° / 60 x25° / 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
Beam Shape	Elliptical or Circular	Elliptical or Circular
Beam Angle System	VARIO interchangeable lens system (elliptical) / Fixed (circular)	VARIO interchangeable lens system (elliptical) / Fixed (circular)
Consumption	BL24-HO - 34W BL24 - 20W	BL24-HO - 37W BL24 - 24W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	24	24
Power output (luminous flux)	BL24 - 2,750 lm – circular beam patterns 2,500 lm – elliptical beam patterns (VARIO)* BL24-HO - 4,650 lm – circular beam patterns 4,100 lm – elliptical beam patterns (VARIO)	BL24-EMX25 - 2,750 lm – circular beam patterns 2,500 lm – elliptical beam patterns (VARIO)* BL24-HO-EMX25 - 4,650 lm – circular beam patterns 4,100 lm – elliptical beam patterns (VARIO)
Wavelength	White-Light <i>(also available in Infra-Red)</i>	White-Light <i>(also available in Infra-Red)</i>
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	289 x 183 x 232mm (11.4 x 7.2 x 9.1")	289 x 183 x 232mm (11.4 x 7.2 x 9.1")
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
Emergency Battery Back-up		
Battery		NiCd 12V 2.5Ah
Duration		Up to 3hrs @ 25% power Other options available
Charge Time		20 hours
Additional Features		Automatic self-testing

SPARTAN LINEAR

Robust

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

Intelligent Emergency Back-Up

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

UPGRADED! polycarbonate lens even greater durability and impact resistance

Perfect, Crisp, Even Illumination

Multiple small profile, medium power SMT LEDs are used to deliver a crisp, uniform illumination without glare.

Available with a choice of beam patterns to suit a wide range of applications and offering up to 12,260 lm with the latest High Output variants.

Wide Operating Temperature

An operating temperature range of -40°C to +60°C* with a T4/T5/T6 rating means SPARTAN Linear is suitable for even the most challenging conditions.





Easy Maintenance

A maintenance friendly modular design allows quick and easy servicing and inspection of all key components including LED and PSU modules. SPARTAN Linear has also been designed without ledges to prevent dust or water from accumulating.



Automatic Self-Testing

The intelligent emergency system ensures 100% light output is maintained during all testing procedures, while discharge cycles occur randomly every 3 months and always retain around a third of the battery's charge, so you're never left with a total loss of light. The health status of the luminaire is communicated through the LED indicator.

Retrofitable

SPARTAN Linear is a direct replacement for fluorescent fittings, meaning you can upgrade to LED light without complication.





SPARTAN
LINEAR WL168



SPARTAN
LINEAR WL168 Emergency



SPARTAN
LINEAR WL168-1500



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	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved
Beam Angles	120° as standard Other beam angles available	120° as standard Other beam angles available	120° as standard Other beam angles available
Input	Standard: 110-254V AC Low voltage version: 18-48V AC and 18-69V DC	110-254V AC only	Standard: 110-254V AC Low voltage version: 18-48V AC and 18-69V DC
Consumption	48W	56W	48W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDs	160	160	160
Power output (luminous flux)	Up to 6,130 lm	Up to 6,130 lm	Up to 6,130 lm
Wavelength	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)
Colour Temperature (White-Light)	6,500K standard	6,500K standard	6,500K standard
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)
Weight	9kg (19.8lbs)	10kg (22lbs)	9kg (19.8lbs)
Dimensions	1295 x 108 x 174mm (51 x 4.3 x 6.9") Equivalent to a 2x36W T8 Fluorescent	1414 x 108 x 174mm (55.7 x 4.3 x 6.9") Equivalent to a 2x36W T8 Fluorescent	1635 x 108 x 174mm (64.4 x 4.3 x 6.9") Equivalent to a 2x58W T8 Fluorescent
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)

Intelligent Emergency Battery Back-up

Battery	Ni/Cd 12V	
Duration	Up to 3hrs @ 25% power Other options available	
Charge Time	20 hours	
Additional Features	Automatic self-testing	



SPARTAN
LINEAR WL84



SPARTAN
LINEAR WL84 Emergency



SPARTAN
LINEAR WL84-1200



SPARTAN
LINEAR WL84-1200 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	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	120° as standard Other beam angles available	120° as standard Other beam angles available	120° as standard Other beam angles available	120° as standard Other beam angles available
Input	Standard: 110-254V AC Low voltage version: 18-48V AC and 18-69V DC	110-254V 50/60Hz AC only	Standard: 110-254V AC Low voltage version: 18-48V AC and 18-69V DC	110-254V 50/60Hz AC only
Consumption	24W	32W	24W	32W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	80	80	80	80
Power output (luminous flux)	Up to 3,065 lm	Up to 3,065 lm	Up to 3,065 lm	Up to 3,065 lm
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)
Colour Temperature (White-Light)	6500K standard	6500K standard	6500K standard	6500K standard
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	6kg (13.2lbs)	7kg (15.4lbs)	9kg (19.8lbs)	10kg (22.lbs)
Dimensions	775 x 108 x 174mm (30.5 x 4.3 x 6.9") Equivalent to 2 x 18W T8 Fluorescent	775 x 108 x 174mm (30.5 x 4.3 x 6.9") Equivalent to 2 x 18W T8 Fluorescent	1295 x 108 x 174mm (51 x 4.3 x 6.9") Equivalent to 2 x 36W T8 Fluorescent	1295 x 108 x 174mm (51 x 4.3 x 6.9") Equivalent to 2 x 36W T8 Fluorescent
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)

Intelligent Emergency Battery Back-up

Battery		Ni/Cd 12V		Ni/Cd 12V
Duration		Up to 3hrs @ 25% power Other options available		Up to 3hrs @ 25% power Other options available
Charge Time		20 hours		20 hours
Additional Features		Automatic self-testing		Automatic self-testing



SPARTAN
LINEAR WL84 High Output



SPARTAN
LINEAR WL84 High Output Emergency



SPARTAN
LINEAR WL168 High Output

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	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved
Beam Angles	120° as standard Other beam angles available	120° as standard Other beam angles available	120° as standard Other beam angles available
Input	110-254V AC 50/60Hz 110-254V DC	110-254V 50/60Hz AC only	110-254V AC 50/60Hz 110-254V DC
Consumption	48W	56W	96W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	80	80	160
Power output (luminous flux)	Up to 6,130 lm	Up to 6,130 lm	Up to 12,260 lm
Wavelength	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)
Colour Temperature (White-Light)	6500K standard	6500K standard	6,500K standard
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)
Weight	6kg (13.2lbs)	7kg (15.4lbs)	10kg (22lbs)
Dimensions	775 x 108 x 174mm (30.5 x 4.3 x 6.9") Equivalent to 2 x 18W T8 Fluorescent	880 x 108 x 174mm (34.6 x 4.3 x 6.9") Equivalent to 2 x 18W T8 Fluorescent	1295 x 108 x 174mm (51 x 4.3 x 6.9") Equivalent to a 2x36W T8 Fluorescent
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system
Intelligent Emergency Battery Back-up			
Battery		Ni/Cd 12V	
Duration		Up to 3hrs @ 25% power Other options available	
Charge Time		20 hours	
Additional Features		Automatic self-testing	



SPARTAN
LINEAR WL168



SPARTAN
LINEAR WL168 Emergency



SPARTAN
LINEAR WL168-1500

Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved		ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved
Beam Angles	120° Other beam angles available		120° Other beam angles available	120° Other beam angles available
Input	Standard: 110-254V AC Low voltage version: 18-48V AC and 18-69V DC		110-254V AC only	Standard: 110-254V AC Low voltage version: 18-48V AC and 18-69V DC
Consumption	49W		56W	49W
LED type	Platinum Elite SMT LEDs		Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	160		160	160
Power output (luminous flux)	Up to 7,048 lm		Up to 7,048 lm	Up to 7,048 lm
Wavelength	White-Light		White-Light	White-Light
IP Rating	IP66 & IP67		IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)		-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)
Colour Temperature (White-Light)	6500K standard		6500K standard	6500K standard
Colour	Silver (RAL 9006)		Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)
Weight	9kg (19.8lbs)		10kg (22lbs)	9kg (19.8lbs)
Dimensions	1295 x 108 x 174mm (51 x 4.3 x 6.9") Equivalent to 2 x 36W T8 Fluorescent		1414 x 108 x 174mm (55.7 x4.3 x 6.9") Equivalent to 2 x 36W T8 Fluorescent	1635 x 108 x 174mm (64.4 x 4.3 x 6.9") Equivalent to 2 x 58W T8 Fluorescent
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)		CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)

Intelligent Emergency Battery Back-up

Battery		Ni/Cd 12V	
Duration		Up to 3hrs @ 25% power Other options available	
Charge Time		20 hours	
Additional Features		Automatic self-testing	



SPARTAN
LINEAR WL84



SPARTAN
LINEAR WL84 Emergency



SPARTAN
LINEAR WL84-1200



SPARTAN
LINEAR WL84-1200 Emergency



Certification	ATEX and IEC Ex rated for Zone 2 and Zone 22 CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 and Zone 22 CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 and Zone 22 CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 and Zone 22 CID2 and ABS Approved
Beam Angles	120° as standard Other beam angles available	120° as standard Other beam angles available	120° as standard Other beam angles available	120° as standard Other beam angles available
Input	Standard: 110-254V AC Low voltage version: 18-48V AC and 18-69V DC	110-254V AC only	Standard: 110-254V AC Low voltage version: 18-48V AC and 18-69V DC	110-254V AC only
Consumption	24W	32W	24W	32W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDs	80	80	80	80
Power output (luminous flux)	Up to 3,524 lm	Up to 3,524 lm	Up to 3,524 lm	Up to 3,524 lm
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)
Colour Temperature (White-Light)	6500K standard	6500K standard	6500K standard	6500K standard
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	6kg (13.2lbs)	7kg (15.4lbs)	9kg (19.8lbs)	10kg (22.0lbs)
Dimensions	775 x 108 x 174mm (30.5 x 4.3 x 6.9") Equivalent to 2 x 18W T8 Fluorescent	775 x 108 x 174mm (30.5 x 4.3 x 6.9") Equivalent to 2 x 18W T8 Fluorescent	1295 x 108 x 174mm (51 x 4.3 x 6.9") Equivalent to 2 x 36W T8 Fluorescent	1295 x 108 x 174mm (51 x 4.3 x 6.9") Equivalent to 2 x 36W T8 Fluorescent
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	"CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	"CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)

Intelligent Emergency Battery Back-up

Battery		Ni/Cd 12V		Ni/Cd 12V
Duration		Up to 3hrs @ 25% power Other options available		Up to 3hrs @ 25% power Other options available
Charge Time		20 hours		20 hours
Additional Features		Automatic self-testing		Automatic self-testing



SPARTAN
LINEAR WL84 High Output



SPARTAN
LINEAR WL84 High Output Emergency



SPARTAN
LINEAR WL168 High Output

Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) ABS Approved
Beam Angles	120° as standard Other beam angles available	120° as standard Other beam angles available	120° as standard Other beam angles available
Input	110-254V AC 50/60Hz 110-254V DC	110-254V 50/60Hz AC onl	110-254V AC 50/60Hz 110-254V DC
Consumption	48W	56W	96W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	80	80	160
Power output (luminous flux)	Up to 7,048 lm	Up to 7,048 lm	Up to 14,096 lm
Wavelength	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-20°C to +50°C (-4°F to +122°F)
Colour Temperature (White-Light)	6500K standard	6500K standard	6,500K standard
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)
Weight	6kg (13.2lbs)	7kg (15.4lbs)	10kg (22lbs)
Dimensions	775 x 108 x 174mm (30.5 x 4.3 x 6.9") Equivalent to 2 x 18W T8 Fluorescent	880 x 108 x 174mm (34.6 x 4.3 x 6.9") Equivalent to 2 x 18W T8 Fluorescent	1295 x 108 x 174mm (51 x 4.3 x 6.9") Equivalent to a 2x36W T8 Fluorescent
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Access wiring system T5 and T6 variants (T4 as standard)

Intelligent Emergency Battery Back-up

Battery		Ni/Cd 12V	
Duration		Up to 3hrs @ 25% power Other options available	
Charge Time		20 hours	
Additional Features		Automatic self-testing	

SPARTAN

RECESS



Outstanding Performance

SPARTAN Recess provides up to 7,400 lumens available or choose the High Output variant for up to 12,316 lumens*.

Lightweight Design

SPARTAN Recess is built 50% lighter than equivalent products. Its lightweight design allows for easier installation and reduces the weight load on the ceiling.



Wide Operating Temperature

SPARTAN Recess has wide operating temperature of -40° to 60°C (50°C with insulation) as standard and -20° to 50° (40°C with insulation) on emergency variants to suit the most challenging environments.

Designed for you

Recess has been designed in a range of standard and custom sizes to suit a variety of ceiling types.

*Model dependent

Industrial variants available - see raytecled.com



Easy Maintenance

Recess luminaires have been designed with maintenance in mind, featuring an innovative, lightweight, modular design to allow access from below and above the ceiling for quick and easy on-site servicing.

Accessories

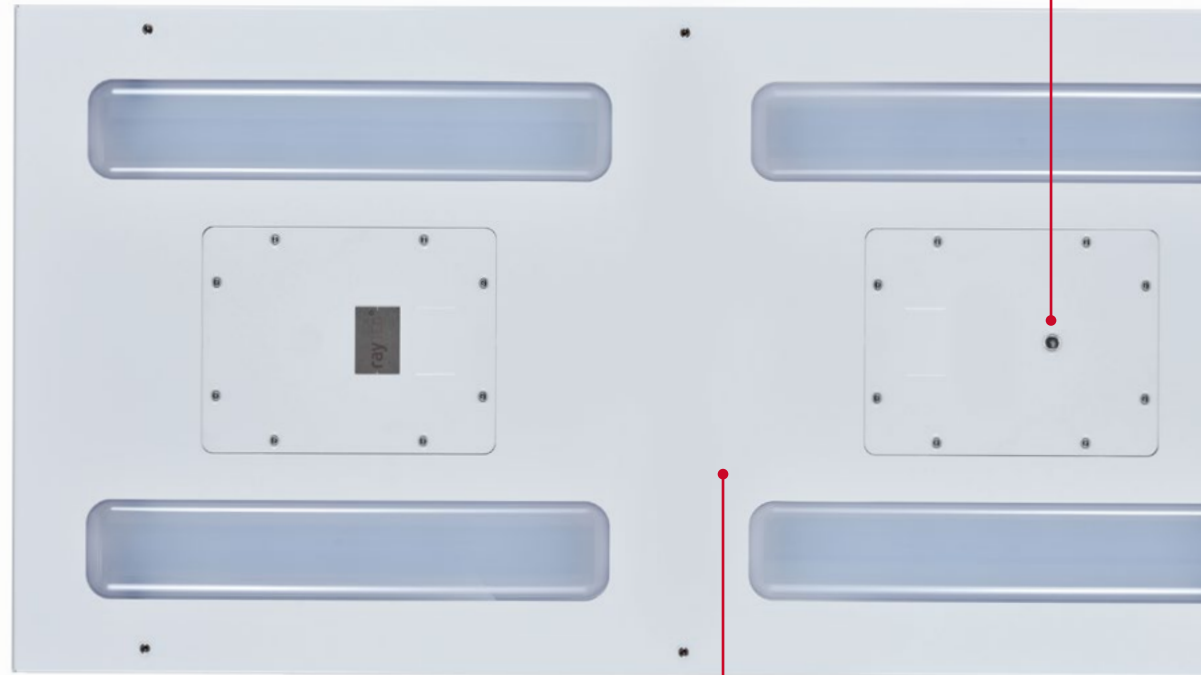
Purchase our Swing Arm Bracket or our Drop Rod Bracket with your SPARTAN Recess fitting to make installation quick and easy.

Intelligent and Controllable

Recess comes DALI 2.0 Dimmable as standard on non-emergency variants for precise and flexible control of lighting assets.

Self Testing Intelligent Emergency

The Intelligent Emergency system self-tests the battery and communicates the status via a tri-colour LED indicator, ensuring the luminaire is operating correctly and the emergency battery system is functioning at its optimum.





SPARTAN 
RECESS MODULAR 600x1200



SPARTAN 
RECESS MODULAR 600x1200
Emergency



SPARTAN 
RECESS MODULAR 300x1200



SPARTAN 
RECESS MODULAR 300x1200
Emergency



SPARTAN 
RECESS MODULAR 600x600



SPARTAN 
RECESS MODULAR 600x600
Emergency

Certification	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust)		ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust)		ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust)	
Beam Angles	120° x 120° as standard Other optics available		120° x 120° as standard Other optics available		120° x 120° as standard Other optics available	
Input	Standard: 110-277Vac 50/60Hz 110-254Vdc Low voltage version: 18-48V AC and 18-69V DC		110-277VAC 50/60Hz		110-277VAC 50/60Hz	
Consumption	46W (High Output - 92W)		56W		32W (High Output - 46W)	
LED type	Platinum Elite SMT LEDs		Platinum Elite SMT LEDs		Platinum Elite SMT LEDs	
Number of LEDS	320		320		160	
Power output (luminous flux)	6158lm (High Output - 12316lm)		6158lm		3079lm (High Output - 6158lm)	
Wavelength	White-Light		White-Light		White-Light	
IP Rating	IP65		IP65		IP65	
Temperature Range	-40° to +60°C (+50°C with insulation) (-40° to +140°F (+122°F with insulation))		-20° to +50°C (+40°C with insulation) (-4° to +122°F (+104°F with insulation))		-40° to +60°C (+50°C with insulation) (-40° to +140°F (+122°F with insulation))	
Colour Temperature (White-Light)	6,500K		6,500K		6,500K	
Colour	Fine Texture White (RAL 9016)		Fine Texture White (RAL 9016)		Fine Texture White (RAL 9016)	
Weight	14kg (30.9lbs)		15.6kg (34.4lbs)		7kg (15.4lbs)	
Dimensions	595 x 1195 x 90 (23.4 x 47 x 3.5)		595 x 1195 x 90 (23.4 x 47 x 3.5)		595 x 595 x 90 (23.4 x 23.4 x 3.5)	
Additional Features	Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating	

Emergency Battery Back-up

Battery	Ni/Cd		Ni/Cd		Ni/Cd	
Duration	Up to 3hrs @ 13% power Other options available		Up to 3hrs @ 25% power Other options available		Up to 3hrs @ 25% power Other options available	
Charge Time	20 Hours		20 Hours		20 Hours	
Additional Features	Tri-colour LED indicator Automatic self-testing		Tri-colour LED indicator Automatic self-testing		Tri-colour LED indicator Automatic self-testing	

	 SPARTAN  RECESS PLANK 275x1400	 SPARTAN  RECESS PLANK 275x1400 Emergency	 SPARTAN  RECESS PLANK 275x800	 SPARTAN  RECESS PLANK 275x800 Emergency
Certification	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust)	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust)	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust)	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust)
Beam Angles	120° x 120° as standard Other optics available	120° x 120° as standard Other optics available	120° x 120° as standard Other optics available	120° x 120° as standard Other optics available
Input	Standard: 110-277Vac 50/60Hz 110-254Vdc Low voltage version: 18-48V AC and 18-69V DC	110-277VAC 50/60Hz	Standard: 110-277Vac 50/60Hz 110-254Vdc Low voltage version: 18-48V AC and 18-69V DC	110-277VAC 50/60Hz
Consumption	23W (High Output - 46W)	32W	23W	32W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	160	160	80	80
Power output (luminous flux)	3079lm (High Output - 6158lm)	3079lm	3079lm	3079lm
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP65	IP65	IP65	IP65
Temperature Range	-40° to +60°C (+50°C with insulation) (-40° to +140°F (+122°F with insulation))	-20° to +50°C (+40°C with insulation) (-4° to +122°F (+104°F with insulation))	-40° to +60°C (+50°C with insulation) (-40° to +140°F (+122°F with insulation))	-20° to +50°C (+40°C with insulation) (-4° to +122°F (+104°F with insulation))
Colour Temperature (White-Light)	6,500K	6,500K	6,500K	6,500K
Colour	Fine Texture White (RAL 9016)	Fine Texture White (RAL 9016)	Fine Texture White (RAL 9016)	Fine Texture White (RAL 9016)
Weight	7kg (15.4lbs)	7.8kg (17.2lbs)	5kg (11lbs)	5.8kg (12.8lbs)
Dimensions	310 x 1435 x 90 (12.2 x 56.5 x 3.5)	310 x 1435 x 90 (12.2 x 56.5 x 3.5)	310 x 820 x 90 (12.2 x 32.3 x 3.5)	310 x 820 x 90 (12.2 x 32.3 x 3.5)
Additional Features	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating
Intelligent Emergency Battery Back-up				
Battery		Ni/Cd		Ni/Cd
Duration		Up to 3hrs @ 25% power Other options available		Up to 3hrs @ 25% power Other options available
Charge Time		20 Hours		20 Hours
Additional Features		Tri-colour LED indicator Automatic self-testing		Tri-colour LED indicator Automatic self-testing



SPARTAN 
RECESS MODULAR 600x1200



SPARTAN 
RECESS MODULAR 600x1200 Emergency



SPARTAN 
RECESS MODULAR 300x1200



SPARTAN 
RECESS MODULAR 300x1200 Emergency



SPARTAN 
RECESS MODULAR 600x600



SPARTAN 
RECESS MODULAR 600x600 Emergency

Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust)		ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust)		ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust)	
Beam Angles	120° x 120° as standard Other optics available		120° x 120° as standard Other optics available		120° x 120° as standard Other optics available	
Input	Standard: 110-277Vac 50/60Hz 110-254Vdc Low voltage version: 18-48V AC and 18-69V DC		Standard: 110-277Vac 50/60Hz 110-254Vdc Low voltage version: 18-48V AC and 18-69V DC		Standard: 110-277Vac 50/60Hz 110-254Vdc Low voltage version: 18-48V AC and 18-69V DC	
Consumption	46W (High Output - 92W)		56W		32W (High Output - 46W)	
LED type	Platinum Elite SMT LEDs		Platinum Elite SMT LEDs		Platinum Elite SMT LEDs	
Number of LEDS	320		320		160	
Power output (luminous flux)	7400lm (High Output - 12316lm)		7400lm		3700lm (High Output - 7400lm)	
Wavelength	White-Light		White-Light		White-Light	
IP Rating	IP65		IP65		IP65	
Temperature Range	-40° to +60°C (+50°C with insulation) (-40° to +140°F (+122°F with insulation))		-20° to +50°C (+40°C with insulation) (-4° to +122°F (+104°F with insulation))		-20° to +50°C (+40°C with insulation) (-4° to +122°F (+104°F with insulation))	
Colour Temperature (White-Light)	6,500K		6,500K		6,500K	
Colour	Fine Texture White (RAL 9016)		Fine Texture White (RAL 9016)		Fine Texture White (RAL 9016)	
Weight	14kg (30.9lbs)		15.6kg (34.4lbs)		7.8kg (17.2lbs)	
Dimensions	595 x 1195 x 90 (23.4 x 47 x 3.5)		595 x 1195 x 90 (23.4 x 47 x 3.5)		595 x 1195 x 90 (23.4 x 47 x 3.5)	
Additional Features	Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating	

Emergency Battery Back-up

Battery		Ni/Cd		Ni/Cd		Ni/Cd
Duration		Up to 3hrs @ 13% power Other options available		Up to 3hrs @ 25% power Other options available		Up to 3hrs @ 25% power Other options available
Charge Time		20 Hours		20 Hours		20 Hours
Additional Features		Tri-colour LED indicator Automatic self-testing		Tri-colour LED indicator Automatic self-testing		Tri-colour LED indicator Automatic self-testing



SPARTAN 
RECESS PLANK 275x1400



SPARTAN 
RECESS PLANK 275x1400 Emergency



SPARTAN 
RECESS PLANK 275x800



SPARTAN 
RECESS PLANK 275x800 Emergency

Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust)	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust)	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust)	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust)
Beam Angles	120° x 120° as standard Other optics available	120° x 120° as standard Other optics available	120° x 120° as standard Other optics available	120° x 120° as standard Other optics available
Input	Standard: 110-277Vac 50/60Hz 110-254Vdc Low voltage version: 18-48V AC and 18-69V DC	110-277VAC 50/60Hz	Standard: 110-277Vac 50/60Hz 110-254Vdc Low voltage version: 18-48V AC and 18-69V DC	110-277VAC 50/60Hz
Consumption	23W (High Output - 46W)	32W	23W	32W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	160	160	80	80
Power output (luminous flux)	3700lm	3700lm	3700lm (High Output - 7400lm)	3700lm
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP65	IP65	IP65	IP65
Temperature Range	-40° to +60°C (+50°C with insulation) (-40° to +140°F (+122°F with insulation))	-20° to +50°C (+40°C with insulation) (-4° to +122°F (+104°F with insulation))	-40° to +60°C (+50°C with insulation) (-40° to +140°F (+122°F with insulation))	-20° to +50°C (+40°C with insulation) (-4° to +122°F (+104°F with insulation))
Colour Temperature (White-Light)	6,500K	6,500K	6,500K	6,500K
Colour	Fine Texture White (RAL 9016)	Fine Texture White (RAL 9016)	Fine Texture White (RAL 9016)	Fine Texture White (RAL 9016)
Weight	7kg (15.4lbs)	7.8kg (17.2lbs)	5kg (11lbs)	5.8kg (12.8lbs)
Dimensions	310 x 1435 x 90 (12.2 x 56.5 x 3.5)	310 x 1435 x 90 (12.2 x 56.5 x 3.5)	310 x 820 x 90 (12.2 x 32.3 x 3.5)	310 x 820 x 90 (12.2 x 32.3 x 3.5)
Additional Features	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating

Intelligent Emergency Battery Back-up

Battery		Ni/Cd		Ni/Cd
Duration		Up to 3hrs @ 25% power Other options available		Up to 3hrs @ 25% power Other options available
Charge Time		20 Hours		20 Hours
Additional Features		Tri-colour LED indicator Automatic self-testing		Tri-colour LED indicator Automatic self-testing

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*



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)
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



SPARTAN
BULKHEAD BL24



SPARTAN
BULKHEAD BL24 Emergency

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
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

SPARTAN

STREET



Energy Saving

With a low power consumption of 53W, and a high efficacy of 128lm/W, SPARTAN Street delivers significant energy savings and outstanding optical performance.

LED Friendly

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



Ultra-Flexible

With an adjustable bracket that can be rotated 90°, the luminaire can be fixed to any column, bracket or pole in post top or side arm configuration. SPARTAN Street is also available with multiple beam patterns, including perimeter and general area optics, to suit a wide range of applications

Easy to Install

SPARTAN Street weighs only 6.5kg and comes pre-terminated with a 12M outdoor, 3 core, cold resistant, PVC cable for quick and easy installation.

	 SPARTAN STREET SL96	 SPARTAN STREET SL96
Certification	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) ABS Approved
Beam Angles	Perimeter/Pathway General Area Other options available	Perimeter/Pathway General Area Other options available
Input	110-254V AC 50/60Hz	110-254V AC 50/60Hz
Beam Angle System	Fixed	Fixed
Consumption	Standard - 53W RP (reduced power) - 35W LO (low output) - 20W	Standard - 53W RP (reduced power) - 35W LO (low output) - 20W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	96	96
Power output (luminous flux)	Standard - 6,770lm RP (reduced power) - 4,471lm LO (low output) - 2,555lm	Standard - 8,300lm RP (reduced power) - 5,481lm LO (low output) - 3,132lm
Wavelength	White-Light	White-Light
IP Rating	IP66	IP66
Temperature Range	-40° to +50°C (-40°to +122°F)	-40° to +50°C (-40°to +122°F)
Colour Temperature (White-Light)	4,000K+	4,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006)
Weight	6.5kg (14.3lbs)	6.5kg (14.3lbs)
Dimensions	244 x 485 x 220mm (9.6"x 19.1"x 8.7")	244 x 485 x 220mm (9.6"x 19.1"x 8.7")
Spitot (pole) Diameter	Compatible with 76mm pole diameter (48mm & 60mm pole adaptors are available)	Compatible with 76mm pole diameter (48mm & 60mm pole adaptors are available)
Mounting	Integrated Spigot Mount with adjustable rotation	Integrated Spigot Mount with adjustable rotation
Additional Features	Removable PSU Access wiring system T4 Rating	Removable PSU Access wiring system T4 Rating

SPARTAN

CRANE LUMINAIRE



Vibration Resistant

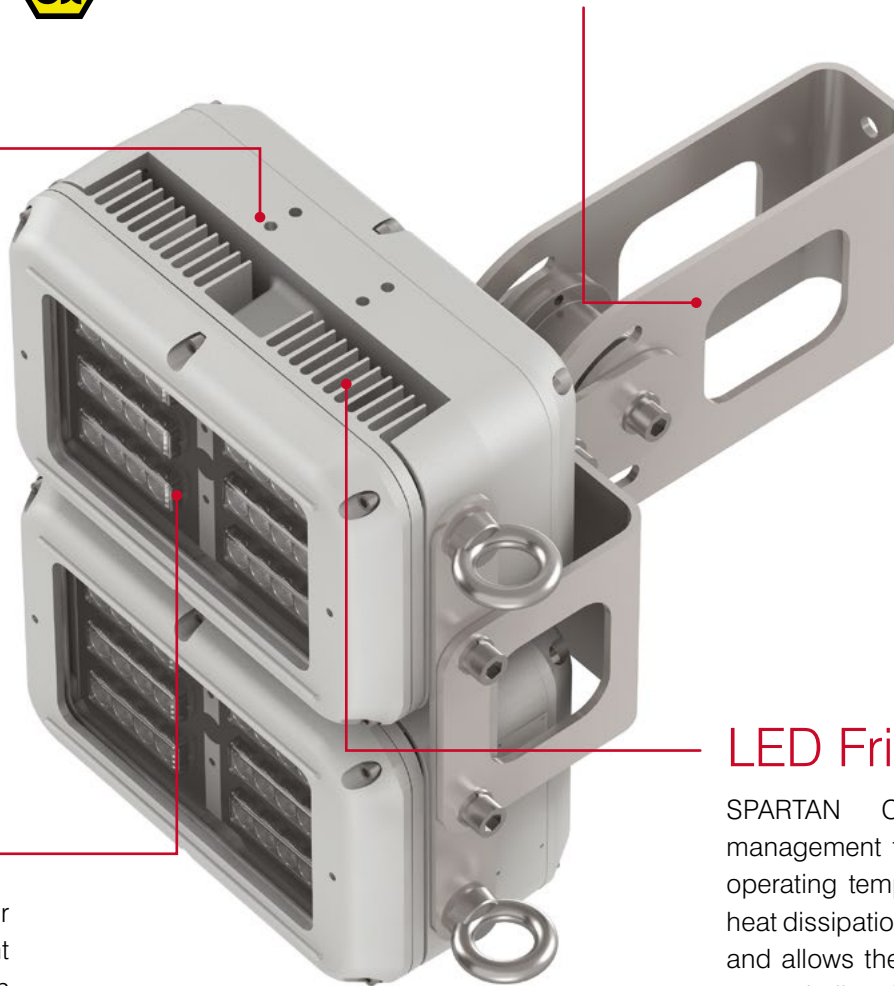
SPARTAN Crane uses high performance surface mount LEDs that are encapsulated in a silicone rubber compound. All power electronics in SPARTAN Crane are also encapsulated. The result is an outstanding resistance to vibration for the most demanding applications.

Ultra-Powerful

SPARTAN Crane integrates the latest high power LEDs with Raytec's field proven LED management and optic technology. This delivers a high lumen output of up to 18,600 lumens even during emergency operation when running off the integral battery.

Self-Levelling

A stainless steel rotary damper ensures SPARTAN Crane always illuminates the area directly below the crane and prevents the luminaire swinging as the crane boom moves up and down.



LED Friendly

SPARTAN Crane 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.



Certification	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved
Beam Angles	10° x 10° (circular)	10° x 10° (circular)
Input	110-254V 50/60Hz AC only Low voltage: 18-48V AC and 18-69V DC	110-254V 50/60Hz AC only Low voltage: 18-48V AC and 18-69V DC
Consumption	136W	136W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	48	48
Power output (luminous flux)	Up to 16,900 lm	Up to 18,600 lm
Wavelength	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67
Temperature Range	-10°C to +55°C (+14°F to +131°F)	-10°C to +55°C (+14°F to +131°F)
Colour Temperature (White-Light)	6,000K+	6,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006)
Weight	25kg (55.1lbs)	25kg (55.1lbs)
Dimensions	312 x 375 x 467mm (12.3 x 14.8 x 13.5")	312 x 375 x 467mm (12.3 x 14.8 x 13.5")
Additional Features	Stainless steel rotary damper 2 x retention points for suspension cord CoolExtrude™ Thermal Management Removable PSU and LED modules Access wiring system T4 Rating	Stainless steel rotary damper 2 x retention points for suspension cord CoolExtrude™ Thermal Management Removable PSU and LED modules Access wiring system T4 Rating

SPARTAN

BAY

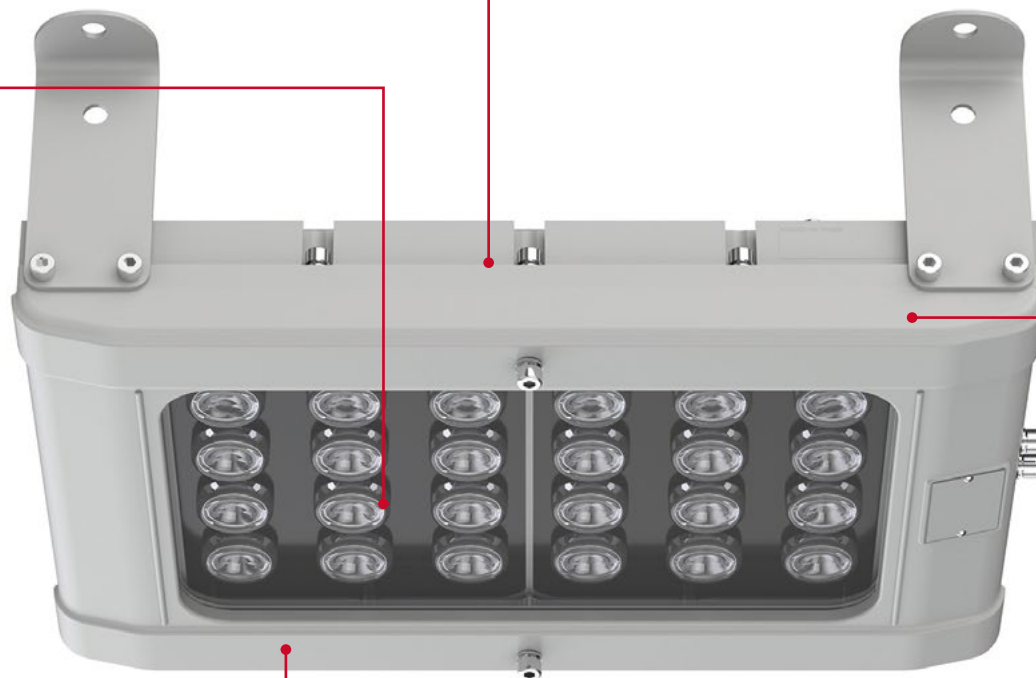


LED Friendly

SPARTAN Bay 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.

Ultra Powerful

SPARTAN Bay is designed for large hazardous areas which require powerful ceiling mounted White-Light illumination. SPARTAN Bay integrates the latest high power LEDs with Raytec's field proven LED management and optic technology, delivering a high lumen output of up to 34,000 lumens.



Intelligent Driver

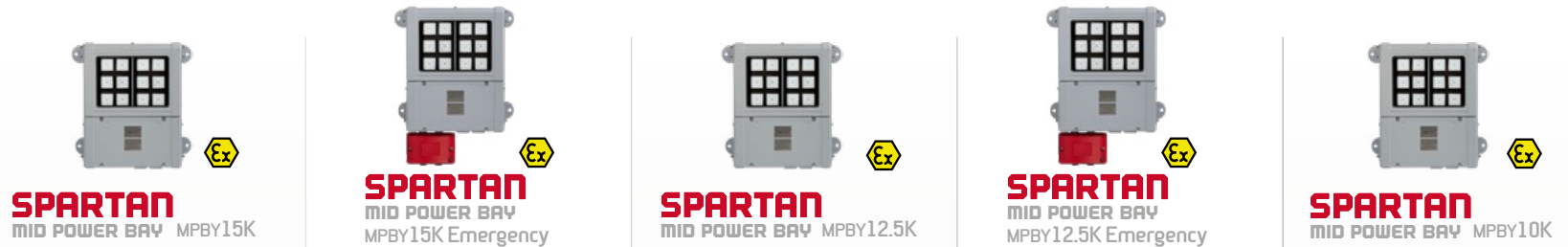
SPARTAN Bay features an intelligent and fully programmable DALI enabled driver for seamless integration into your existing lighting infrastructure.

Flexible Installation And Easy Maintenance

The modular design allows great flexibility – the entire PSU chassis can be removed and located remotely at ground level for areas with difficult access. Additionally, the individual PSU modules can be easily accessed and replaced making servicing and inspection of all key components quicker and easier.



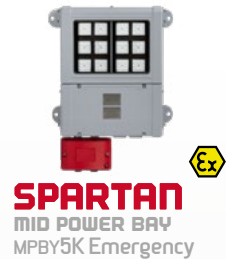
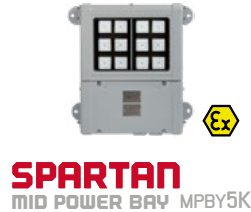
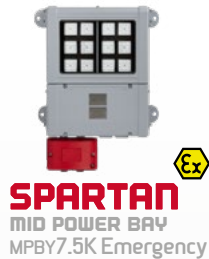
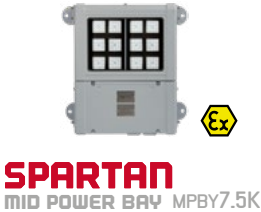
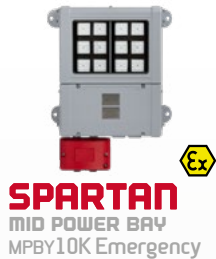
Certification	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved
Angles	30° x 30° / 60° x 60° / 90° x 90°	30° x 30° / 60° x 60° / 90° x 90°	30° x 30° / 60° x 60° / 90° x 90°
Input	150-264V 50/60Hz AC/DC	150-264V 50/60Hz AC/DC	150-264V 50/60Hz AC/DC
Beam Shape	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed
Consumption	300W	250W	200W
LED type	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs
Number of LEDS	24	24	24
Power output (luminous flux)	29,134 lm	24,278 lm	19,423 lm
Wavelength	White-Light	White-Light	White-Light
IP Rating	IP66	IP66	IP66
Temperature Range	-50°C to +50°C (-58°F to +122°F)	-50°C to +50°C (-58°F to +122°F)	-50°C to +50°C (-58°F to +122°F)
Colour Temperature (White-Light)	5,700K	5,700K	5,700K
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	22.7kg (50lbs)	22.7kg (50lbs)	22.7kg (50lbs)
Dimensions	536 x 422 x 172mm (21.1 x 16.6 x 6.8")	536 x 422 x 172mm (21.1 x 16.6 x 6.8")	536 x 422 x 172mm (21.1 x 16.6 x 6.8")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating



Certification	ATEX and IEC Ex rated for Zone 1 (Gas) and Zone 21 (Dust) ABS Approved				
Beam Angles	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	60°X60° / 90°X90° / 120°X50° / 140°X140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)
Input	110-277V 50/60Hz AC only				
Beam Angle System	Fixed				
Consumption	120W	125W	100W	105W	80W
LED type	Platinum Elite SMT LEDs				
Number of LEDS	192	192	192	192	192
Power output (luminous flux)	Up to 17983lm	Up to 17983lm	Up to 14993lm	Up to 14993lm	Up to 11947lm
Wavelength	White-Light				
IP Rating	IP66 & IP67				
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)
Colour Temperature (White-Light)	6,500K	6,500K	6,500K	6,500K	6,500K
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)
Weight	13.2kg (29.1lbs)	16kg (35.2lbs)	13.2kg (29.1lbs)	16kg (35.2lbs)	13.2kg (29.1lbs)
Dimensions	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 119 (24 x 13.9 x 4.7")	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 119 (24 x 13.9 x 4.7")	609 x 350 x 109 (24 x 13.9 x 4.3")
Additional Features	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating

Emergency Battery Back-up

Battery		NIMH 12V 6.0Ah		NIMH 12V 6.0Ah	
Duration		180 or 90 mins depending on variant Other options available		180 or 90 mins depending on variant Other options available	
Charge Time		20 Hours		20 Hours	
Additional Features		Automatic self-testing		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		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	60°X60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)		60°X60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)		60°X60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)		60°X60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 / PP1 / PP2 / PP3 / WB (Elliptical)	
Input	110-277V 50/60Hz AC only		110-277V 50/60Hz AC only		110-277V 50/60Hz AC only		110-277V 50/60Hz AC only	
Beam Angle System	Fixed		Fixed		Fixed		Fixed	
Consumption	85W		60W		65W		50W	
LED type	Platinum Elite SMT LEDs		Platinum Elite SMT LEDs		Platinum Elite SMT LEDs		Platinum Elite SMT LEDs	
Number of LEDS	192		192		192		192	
Power output (luminous flux)	Up to 11947lm		Up to 8969lm		Up to 8969lm		Up to 7471lm	
Wavelength	White-Light		White-Light		White-Light		White-Light	
IP Rating	IP66 & IP67		IP66 & IP67		IP66 & IP67		IP66 & IP67	
Temperature Range	-20°C to +50°C (-4°F to +122°F)		-40°C to +60°C (-40°F to +140°F)		-20°C to +50°C (-4°F to +122°F)		-40°C to +60°C (-40°F to +140°F)	
Colour Temperature (White-Light)	6,500K		6,500K		6,500K		6,500K	
Colour	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)		Silver (RAL 9006)		Silver (RAL 9006) Emergency Cover - Red (RAL 3024)		Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	
Weight	16kg (35.2lbs)		13.2kg (29.1lbs)		16kg (35.2lbs)		13.2kg (29.1lbs)	
Dimensions	609 x 350 x 119 (24 x 13.9 x 4.7")		609 x 350 x 109 (24 x 13.9 x 4.3")		609 x 350 x 119 (24 x 13.9 x 4.7")		609 x 350 x 109 (24 x 13.9 x 4.3")	
Additional Features	Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating		Removable PSU Front access wiring system T4 Rating	

Emergency Battery Back-up

Battery	NiMH 12V 6.0Ah		NiMH 12V 6.0Ah		NiMH 12V 6.0Ah	
Duration	180 or 90 mins depending on variant Other options available		180 or 90 mins depending on variant Other options available		180 or 90 mins depending on variant Other options available	
Charge Time	20 Hours		20 Hours		20 Hours	
Additional Features	Automatic self-testing		Automatic self-testing		Automatic self-testing	



SPARTAN
HIGH POWER BAY HPBY30K



SPARTAN
HIGH POWER BAY HPBY25K



SPARTAN
HIGH POWER BAY HPBY20K

Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) CID2 and ABS Approved
Beam Angles	30° x 30° / 60° x 60° / 90° x 90°	30° x 30° / 60° x 60° / 90° x 90°	30° x 30° / 60° x 60° / 90° x 90°
Input	150-264V 50/60Hz AC only CID2 variants - 120-277V AC/DC	150-264V 50/60Hz AC only CID2 variants - 120-277V AC/DC	150-264V 50/60Hz AC only CID2 variants - 120-277V AC/DC
Beam Shape	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed
Consumption	300W	250W	200W
LED type	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs
Number of LEDs	24	24	24
Power output (luminous flux)	34,456 lm	28,713 lm	22,971 lm
Wavelength	White-Light	White-Light	White-Light
IP Rating	IP66	IP66	IP66
Temperature Range	-50°C to +50°C (-58°F to +122°F)	-50°C to +50°C (-58°F to +122°F)	-50°C to +50°C (-58°F to +122°F)
Colour Temperature (White-Light)	5,700K	5,700K	5,700K
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	23.5kg (51.8lbs)	23.5kg (51.8lbs)	23.5kg (51.8lbs)
Dimensions	639 x 350 x 215mm (25.2 x 13.8 x 8.5")	639 x 350 x 215mm (25.2 x 13.8 x 8.5")	639 x 350 x 215mm (25.2 x 13.8 x 8.5")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard Access wiring system T4 Rating



SPARTAN
MID POWER BAY MPBY15K



SPARTAN
MID POWER BAY
MPBY15K Emergency



SPARTAN
MID POWER BAY MPBY12.5K



SPARTAN
MID POWER BAY
MPBY12.5K Emergency

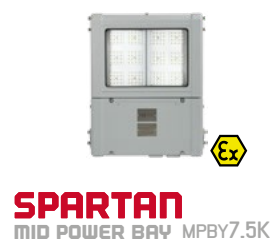


SPARTAN
MID POWER BAY MPBY10K

Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved
Beam Angles	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30°x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)
Input	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only
Beam Angle System	Fixed	Fixed	Fixed	Fixed	Fixed
Consumption	120W	125W	100W	105W	80W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	192	192	192	192	192
Power output (luminous flux)	Up to 19,999lm	Up to 19,999lm	Up to 16,649lm	Up to 16,649lm	Up to 13,319lm
Wavelength	White-Light	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +60°C (-40°F to +140°F)
Colour Temperature (White-Light)	6,500K	6,500K	6,500K	6,500K	6,500K
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)
Weight	13.2kg (29.1lbs)	16kg (35.2lbs)	13.2kg (29.1lbs)	16kg (35.2lbs)	13.2kg (29.1lbs)
Dimensions	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 119 (24 x 13.9 x 4.7")	609 x 350 x 109 (24 x 13.9 x 4.3")	609 x 350 x 119 (24 x 13.9 x 4.7")	609 x 350 x 109 (24 x 13.9 x 4.3")
Additional Features	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating

Emergency Battery Back-up

Battery	NIMH 12V 6.0Ah	NIMH 12V 6.0Ah
Duration	180 or 90 mins depending on variant Other options available	180 or 90 mins depending on variant Other options available
Charge Time	20 Hours	20 Hours
Additional Features	Automatic self-testing	Automatic self-testing



Certification	ATEX and IEC Ex rated for Zone 2 (Gas) and Zone 22 (Dust) and ABS Approved				
Beam Angles	30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)	30x30° / 60°x60° / 90°x90° / 120°x50° / 140°x140° (Circular) AR1 or PP1 / PP2/ PP3 / 80°x30° / FN / FW / WB (Elliptical)
Input	110-277V 50/60Hz AC only				
Beam Angle System	Fixed				
Consumption	85W				
LED type	Platinum Elite SMT LEDs				
Number of LEDS	192				
Power output (luminous flux)	Up to 13,319lm				
Wavelength	White-Light				
IP Rating	IP66 & IP67				
Temperature Range	-20°C to +50°C (-4°F to +122°F)				
Colour Temperature (White-Light)	6,500K				
Colour	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)				
Weight	16kg (35.2lbs)				
Dimensions	609 x 350 x 119 (24 x 13.9 x 4.7")				
Additional Features	Removable PSU Front access wiring system T4 Rating				

Emergency Battery Back-up

Battery	NiMH 12V 6.0Ah				
Duration	180 or 90 mins depending on variant Other options available				
Charge Time	20 Hours				
Additional Features	Automatic self-testing				



SPARTAN
MID POWER BAY MPBY15K



SPARTAN
MID POWER BAY MPBY12.5K



SPARTAN
MID POWER BAY MPBY10K



SPARTAN
MID POWER BAY MPBY7.5K



SPARTAN
MID POWER BAY MPBY5K

Certification	CID2 and ABS Approved	CID2 and ABS Approved	CID2 and ABS Approved	CID2 and ABS Approved	CID2 and ABS Approved
Beam Angles	30° x 30° or 60° x 60° or 90° x 90°	30° x 30° or 60° x 60° or 90° x 90°	30° x 30° or 60° x 60° or 90° x 90°	30° x 30° or 60° x 60° or 90° x 90°	30° x 30° or 60° x 60° or 90° x 90°
Input	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only	110-277V 50/60Hz AC only
Beam Shape	Circular	Circular	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed	Fixed	Fixed
Consumption	120W	100W	80W	60W	50W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	48	48	48	24	24
Power output (luminous flux)	Up to 14,263 lm	Up to 11,981 lm	Up to 9,585 lm	Up to 7,132 lm	Up to 4,792 lm
Wavelength	White-Light	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
Temperature Range	-40°C to +60°C (-40°F to +140°F)	-40°C to +60°C (-40°F to +140°F)	-40°C to +60°C (-40°F to +140°F)	-40°C to +60°C (-40°F to +140°F)	-40°C to +60°C (-40°F to +140°F)
Colour Temperature (White-Light)	5,700K	5,700K	5,700K	5,700K	5,700K
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	13.2kg (29.1lbs)	13.2kg (29.1lbs)	13.2kg (29.1lbs)	13.2kg (29.1lbs)	13.2kg (29.1lbs)
Dimensions	447 x 386 x 164mm (17.6 x 15.2 x 6.4")	447 x 386 x 164mm (17.6 x 15.2 x 6.4")	447 x 386 x 164mm (17.6 x 15.2 x 6.4")	447 x 386 x 164mm (17.6 x 15.2 x 6.4")	447 x 386 x 164mm (17.6 x 15.2 x 6.4")
Additional Features	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating	Removable PSU Front access wiring system T4 Rating



Sand Blast Shield Kit

Flood/Bulkhead



Ceiling Mount Kit

Linear



Suspension Cord Kit

Flood/Linear/Bulkhead



Swivel Bracket Mounting Kit

Linear/Bulkhead



Pole Clamp Kit

Linear



M8 Eye Bolt Kit

Flood/Linear



Magnetic Mounting Kit

Linear



Front Guard

Flood/Bulkhead/High Power Flood



Diffused
Polycarbonate Lens

Linear



Emergency Exit Sign

Bulkhead



Protective Film

Flood/Linear/Bulkhead

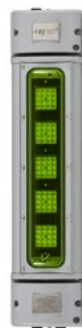


Pole Mounting Kit

Flood



Wildlife Friendly



Safety Shower



Red Light



Infra-Red



Heavy Industrial



Loop in Loop Out



Spigot Mount



URBAN-X Range



High Output Variants

Lighting Design Service

Our lighting design service won the Hazardex award for 'Best Customer Service'. Our team of experts can design a lighting scheme tailored to your individual requirements.

This service offers –

- 2D Lighting Design
- 3D Lighting Design

Offering a detailed or full 3D visual representation of the site, our lighting design service will provide recommendations on the product type and number of lights required, as well as the average, maximum and minimum light levels that can be achieved.

Energy and Cost Saving Report

Provides a customer specific survey to summarise energy, CO2 savings and ROI. Cost savings can be shown over 1, 5 and 10 years.

Special Operations Division

Our specialist team can offer custom-built product design tailored for bespoke projects and challenging applications. Give us a call!

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.





Hazardous Area LED Lighting with Worldwide Certification

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