

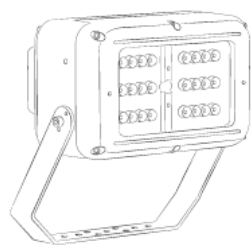


GAMMA PRODOTTI



Illuminazione per aree pericolose

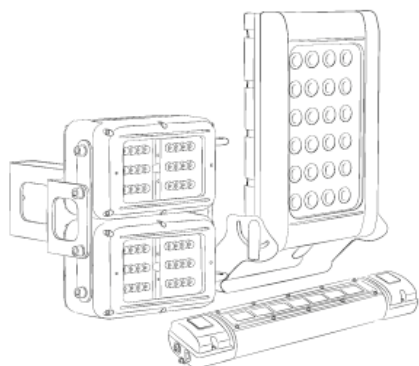
Nuovi Power Flood & Bay Zona 1 e 2
New Intelligent Emergency



Progettato e prodotto in UK

Tutti i prodotti sono progettati e costruiti in UK, e approvati and IEC EX.

Confidiamo nella nostra qualità che tutti i nostri prodotti abbiano una garanzia di 5 anni. I nostri prodotti sono inoltre certificati ISO9001 e ISO14001..



Famiglia di prodotti completa

MCA vende una gamma completa di illuminazione per aree pericolose con illuminazione SPARTAN Flood, Linear, Bulkhead, Bay e Crane, il che significa che esiste una soluzione per qualsiasi applicazione.



M.C.A.

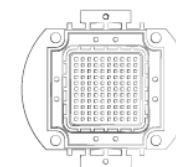
S.A.S. di Arrigoni Battaia Augusto e C.

STRUMENTAZIONE INDUSTRIALE



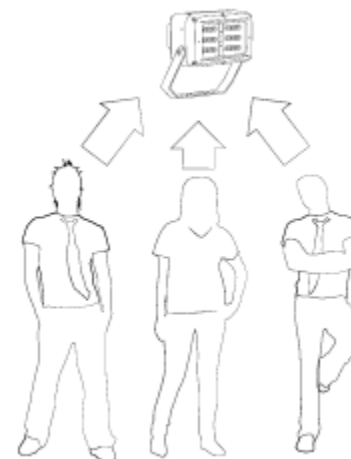
In tutto il mondo

I nostri prodotti vengono impiegati con successo a livello globale dal Circolo Polare Artico alle Giungle del Borneo.



Leader nei LED

Ogni apparecchio venduto da MCA è costruito intorno alla tecnologia LED, con oltre mezzo milione di prodotti attualmente in servizio. Abbiamo utilizzato la nostra esperienza per creare SPARTAN, una gamma ad alte prestazioni di illuminazione per aree pericolose che offre prestazioni e affidabilità di livello superiore.



Specialisti nell'illuminazione

MCA e tutta la nostra gente sono concentrati al 100% sull'illuminazione. Dalla vendita e all'assistenza post-vendita è sotto lo stesso tetto presso il nostro quartier generale globale.

FLOOD

Zona 1	6-8
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Zona 2	9-11
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CRANE

Zona 1	21
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Zona 2	21
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PRODOTTI SPECIALI

Tutti i prodotti speciali	26
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LINEAR

Zona 1	14-15
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Zona 2	16-17
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BAY

Zona 1	23
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Zona 2	24
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SERVIZI DI PROGETTAZIONE

Tutta la progettazione	27
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BULKHEAD

Zona 1	19
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Zona 2	19
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ACCESSORI

Tutti gli accessori	25
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SPARTAN FLOOD



Robusto

Alloggiato in alluminio marino con elementi di fissaggio e staffe in acciaio inossidabile A4, SPARTAN Flood è classificato IP66 e IP67 e può sopravvivere negli ambienti più estremi.

Ampia temperatura operativa

Un intervallo di temperature di funzionamento di

Da -50 °C a + 55 °C * con un rating T4 / T5 / T6 significa che SPARTAN Flood è adatto anche alle condizioni più difficili.

*luminaire model dependent

Ultra-Potente

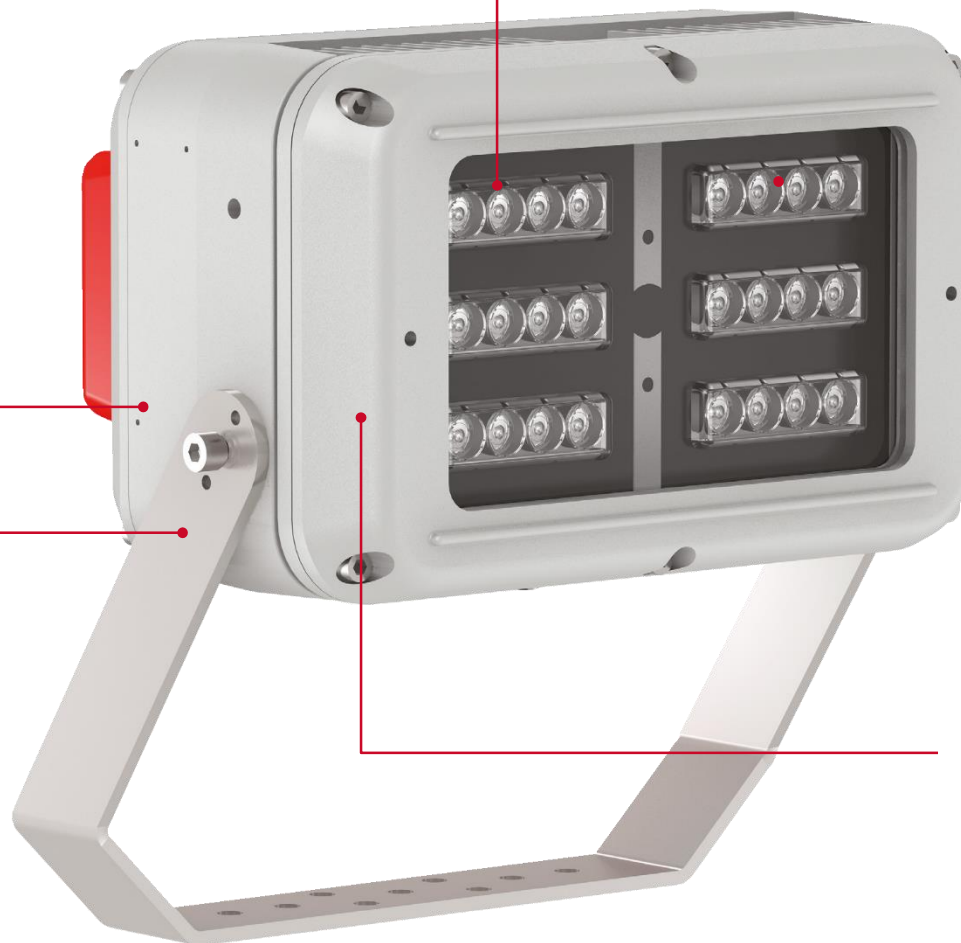
SPARTAN Flood integra i più recenti LED ad alta potenza con la comprovata tecnologia di gestione dei LED e la tecnologia ottica. Ciò garantisce un flusso luminoso fino a 27.500 * lumen.

Tecnologia VARIO

SPARTAN Flood è disponibile con una varietà di diversi tipi di travi, sia circolari che ellittiche. Gli angoli di illuminazione ellittica possono essere modificati sul posto con il nostro esclusivo sistema di lenti intercambiabili VARIO.

Driver intelligente

Le versioni ad alta potenza Flood sono dotate di un driver DALI intelligente e completamente programmabile per un'integrazione perfetta nell'infrastruttura di illuminazione esistente.



LED Friendly

SPARTAN Flood utilizza la tecnologia di gestione termica CoolExtrude™, assicurando una temperatura operativa LED molto più fresca. Ciò garantisce una dissipazione del calore fino al 60% superiore rispetto alle soluzioni di illuminazione tradizionali e consente al prodotto di funzionare per oltre 10 anni negli ambienti più difficili.

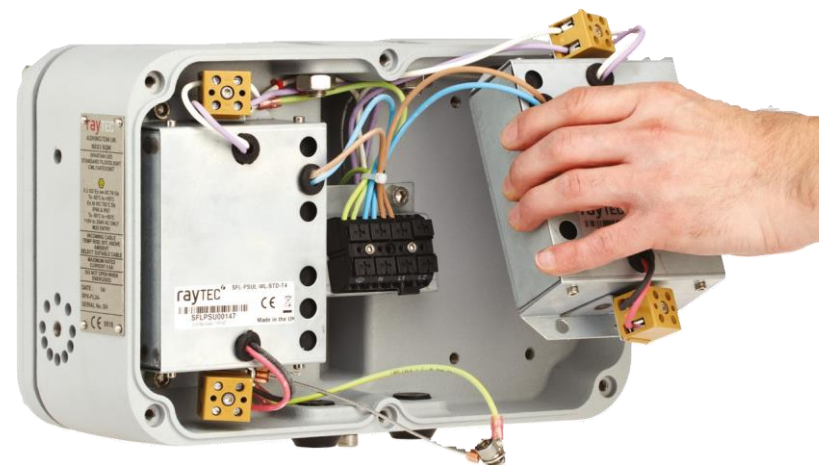


Intelligent Emergency Back-Up

SPARTAN Flood * è disponibile come variante di emergenza ad alte prestazioni, utilizzando un modulo aggiuntivo di backup della batteria in grado di fornire fino al 100% di emissione luminosa in condizioni di emergenza. Tutte le unità di emergenza SPARTAN Flood sono dotate di una gestione intelligente della batteria per monitorare e mantenere in modo proattivo la salute generale del vostro apparecchio..

Installazione flessibile e manutenzione facile

Il design modulare consente una grande flessibilità: l'intero telaio PSU può essere rimosso e posizionato a distanza a livello del suolo per le aree con accesso difficile. Inoltre, i singoli moduli PSU possono essere facilmente accessibili e sostituiti rendendo più rapida e semplice la manutenzione e l'ispezione di tutti i componenti chiave.





Certification	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved
Beam Angles	30° x 30° / 60° x 60° / 90° x 90° (circular)	30° x 30° / 60° x 60° / 90° x 90° (circular)	30° x 30° / 60° x 60° / 90° x 90° (circular)	30° x 30° / 60° x 60° / 90° x 90° (circular)
Input	150-264V 50/60Hz AC/DC	150-264V 50/60Hz AC/DC	150-264V 50/60Hz AC/DC	150-264V 50/60Hz AC/DC
Beam Shape	Circular	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed	Fixed
Consumption	300W	240W	180W	120W
LED type	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs
Number of LEDs	24	24	24	12
Power output (luminous flux)	23,000 lm	20,000 lm	15,000 lm	10,000 lm
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
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)	-50°C to +50°C (-58°F to 122°F)
Colour Temperature (White-Light)	5,000K	5,000K	5,000K	5,000K
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	23.5kg (51.8lbs)	23.5kg (51.8lbs)	23.5kg (51.8lbs)	22kg (48.5lbs)
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")	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 SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating

Intelligent Emergency Battery Back-up

Battery				
Duration				
Charge Time				
Additional Features				

Part Codes

Circular beam pattern	SPX-HPFL25K-W-3030 / SPX-HPFL25K-W-6060 SPX-HPFL25K-W-9090	SPX-HPFL20K-W-3030 / SPX-HPFL20K-W-6060 SPX-HPFL20K-W-9090	SPX-HPFL15K-W-3030 / SPX-HPFL15K-W-6060 SPX-HPFL15K-W-9090	SPX-HPFL10K-W-3030 / SPX-HPFL10K-W-6060 SPX-HPFL10K-W-9090
Elliptical beam pattern				


SPARTAN
FLOOD FL72

SPARTAN
FLOOD FL72 Emergency

SPARTAN
FLOOD FL48

SPARTAN
FLOOD FL48 Emergency

Certification	ATEX and IEC Ex rated for Zone 1 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IEC Ex rated for Zone 1 Gas and Dust ABS Approved	ATEX and IEC Ex rated for Zone 1 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IEC Ex rated for Zone 1 Gas and 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)	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)
Input	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only
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	204W	207W	136W	139W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDs	72	72	48	48
Power output (luminous flux)	Up to 15,000 lm - circular beam Up to 12,500 lm - elliptical beam	Up to 15,000 lm - circular beam Up to 12,500 lm - elliptical beam	Up to 10,000 lm - circular beam patterns Up to 9,000 lm - elliptical beam patterns	Up to 10,000 lm - circular beam patterns Up to 9,000 lm - elliptical beam patterns
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 +55°C (-4°F to 131°F)
Colour Temperature (White-Light)	6,000K+	6,000K+	6,000K+	6,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	27kg (59.5lbs)	29kg (63.9lbs)	16kg (35.2lbs)	20kg (44lbs)
Dimensions	641 x 416 x 159mm (25.2 x 16.4 x 6.3")	641 x 416 x 220mm (25.2 x 16.4 x 8.6")	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 SMART access wiring system Photocell (optional) T4, T5 and T6 Variants (T4 as standard)	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system T4, T5 and T6 Variants (T4 as standard)	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system Photocell (optional) T4, T5 and T6 Variants (T4 as standard)	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system T4, T5 and T6 Variants (T4 as standard)

Intelligent Emergency Battery Back-up

Battery	Ni/Cd 12V 4.5Ah	Ni/Cd 12V 4.5Ah
Duration	Up to 90mins at 17% power (1x battery unit) Other options available	Up to 90mins at 25% power (1x battery unit) Other options available
Charge Time	20 hours	20 hours
Additional Features	Automatic self-testing	Automatic self-testing

Part Codes

Circular beam pattern	SPX-FL72-W-1010 / SPX-FL72-W-3030 SPX-FL72-W-5050 / SPX-FL72-W-120120	SPX-FL72-W-1010-EM17 / SPX-FL72-W-3030-EM17 SPX-FL72-W-5050-EM17 / SPX-FL72-W-120120-EM17	SPX-FL48-W-1010 / SPX-FL48-W-3030 SPX-FL48-W-5050 / SPX-FL48-W-120120	SPX-FL48-W-1010-EM25 / SPX-FL48-W-3030-EM25 SPX-FL48-W-5050-EM25 / SPX-FL48-W-120120-EM25
Elliptical beam pattern	SPX-FL72-W-3510 / SPX-FL72-W-6025 SPX-FL72-W-8030 / SPX-FL72-W-12050	SPX-FL72-W-3510-EM17 / SPX-FL72-W-6025-EM17 SPX-FL72-W-8030-EM17 / SPX-FL72-W-12050-EM17	SPX-FL48-W-3510 / SPX-FL48-W-6025 SPX-FL48-W-8030 / SPX-FL48-W-12050	SPX-FL48-W-3510-EM25 / SPX-FL48-W-6025-EM25 SPX-FL48-W-8030-EM25 / SPX-FL48-W-12050-EM25


SPARTAN
FLOODFL24

SPARTAN
FLOODBL24 Emergency

SPARTAN
FLOODFL12

Certification	ATEX and IEC Exrated for Zone 1 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IEC Exrated for Zone 1 Gas and Dust ABS Approved	ATEX and IEC Exrated for Zone 1 Gas and Dust UL/CSA including C1D2 and ABS
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)	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/DC Low voltage: 18-48VAC and 18-69VDC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only	110-254V 50/60Hz AC/DC Low voltage: 18-48VAC and 18-69VDC Extra low voltage: 12V AC/DC
Beam Shape	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)
Consumption	68W	71W	34W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	24	24	12
Power output (luminous flux)	Up to 5,000lm – circular beam patterns Up to 4,500lm – elliptical beam patterns	Up to 5,000lm – circular beam patterns Up to 4,500lm – elliptical beam patterns	Up to 2,500lm – circular beam patterns Up to 2,250lm – elliptical beam patterns
Wavelength	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
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)
Colour Temperature (White-Light)	6,000K+	6,000K+	6,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Silver (RAL 9006)
Weight	8kg (17.6lbs)	10kg (22lbs)	5kg (11lbs)
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")	196 x 274 x 170mm (10.8 x 7.7 x 6.7")
Additional Features	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system Photocell (optional) T4, T5 and T6 Variants (T4 as standard)	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system T4, T5 and T6 Variants (T4 as standard)	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system Photocell (optional) T4, T5 and T6 Variants (T4 as standard)

Intelligent Emergency Battery Back-up

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

Part Codes

Circular beam pattern	SPX-FL24-W-1010 / SPX-FL48-W-3030 SPX-FL24-W-5050 / SPX-FL48-W-120120	SPX-FL24-W-1010-EM50 / SPX-FL24-W-3030-EM50 SPX-FL24-W-5050-EM50 / SPX-FL24-W-120120-EM50	SPX-FL12-W-1010 / SPX-FL12-W-3030 SPX-FL12-W-5050 / SPX-FL12-W-120120
Elliptical beam pattern	SPX-FL24-W-3510 / SPX-FL48-W-6025 SPX-FL24-W-8030 / SPX-FL48-W-12050	SPX-FL24-W-3510-EM50 / SPX-FL24-W-6025-EM50 SPX-FL24-W-8030-EM50 / SPX-FL24-W-12050-EM50	SPX-FL12-W-3510 / SPX-FL12-W-6025 SPX-FL12-W-8030 / SPX-FL12-W-12050



Certification	ATEX and IEC Exrated for Zone 2 Gas and Dust UL/CSA including C1 D2 and ABS	ATEX and IEC Exrated for Zone 2 Gas and Dust UL/CSA including C1 D2 and ABS	ATEX and IEC Exrated for Zone 2 Gas and Dust UL/CSA including C1 D2 and ABS	ATEX and IEC Exrated for Zone 2 Gas and Dust UL/CSA including C1 D2 and ABS
Beam Angles	30° x 30° / 60° x 60° / 90° x 90° (circular)	30° x 30° / 60° x 60° / 90° x 90° (circular)	30° x 30° / 60° x 60° / 90° x 90° (circular)	30° x 30° / 60° x 60° / 90° x 90° (circular)
Input	150-264V 50/60Hz AC only C1D2 variants - 120-254V AC/DC	150-264V 50/60Hz AC only C1D2 variants - 120-254V AC/DC	150-264V 50/60Hz AC only C1D2 variants - 120-254V AC/DC	150-264V 50/60Hz AC only C1D2 variants - 120-254V AC/DC
Beam Shape	Circular	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed	Fixed
Consumption	300W	240W	180W	120W
LED type	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs
Number of LEDS	24	24	24	12
Power output (luminous flux)	25,000 lm	22,000 lm	16,500 lm	11,000 lm
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
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)	-50°C to +50°C (-58°F to 122°F)
Colour Temperature (White-Light)	5,000K	5,000K	5,000K	5,000K
Colour	Front - Dark Grey (RAL7012) Back - Silver (RAL 9006)	Front - Dark Grey (RAL7012) Back - Silver (RAL 9006)	Front - Dark Grey (RAL7012) Back - Silver (RAL 9006)	Front - Dark Grey (RAL7012) Back - Silver (RAL 9006)
Weight	23.5kg (51.8lbs)	23.5kg (51.8lbs)	23.5kg (51.8lbs)	22kg (48.5lbs)
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")	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 SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating
Intelligent Emergency Battery Back-up				
Battery				
Duration				
Charge Time				
Additional Features				
Part Codes				
Circular beam pattern	SPZ-HPFL25K-W-3030 / SPZ-HPFL25K-W-6060 SPZ-HPFL25K-W-9090	SPZ-HPFL20K-W-3030 / SPZ-HPFL20K-W-6060 SPZ-HPFL20K-W-9090	SPZ-HPFL15K-W-3030 / SPZ-HPFL15K-W-6060 SPZ-HPFL15K-W-9090	SPZ-HPFL10K-W-3030 / SPZ-HPFL10K-W-6060 SPZ-HPFL10K-W-9090
Elliptical beam pattern				



Certification	ATEX and IEC Exrated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IEC Exrated for Zone 2 Gas and Dust ABS Approved	ATEX and IEC Exrated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IEC Exrated for Zone 2 Gas and 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)	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)
Input	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only
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	204W	207W	136W	139W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	72	72	48	48
Power output (luminous flux)	Up to 16,500 lm - circular beam Up to 15,000 lm - elliptical beam	Up to 16,500 lm - circular beam Up to 15,000 lm - elliptical beam	Up to 11,000 lm - circular beam patterns Up to 10,000 lm - elliptical beam patterns	Up to 11,000 lm - circular beam patterns Up to 10,000 lm - elliptical beam patterns
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 +55°C (-4°F to 131°F)
Colour Temperature (White-Light)	6,000K+	6,000K+	6,000K+	6,000K+
Colour	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006)	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006)	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	27kg (59.5lbs)	29Kg (63.9lbs)	16kg (35.2lbs)	20Kg (44lbs)
Dimensions	641 x 416 x 159mm (25.2 x 16.4 x 6.3")	641 x 416 x 220mm (25.2 x 16.4 x 8.6")	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 SMART access wiring system Photocell (optional) T4, T5 and T6 Variants (T4 as standard)	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system T4, T5 and T6 Variants (T4 as standard)	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system Photocell (optional) T4, T5 and T6 Variants (T4 as standard)	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system T4, T5 and T6 Variants (T4 as standard)

Intelligent Emergency Battery Back-up

Battery	Ni/Cd 12V 4.5Ah	Ni/Cd 12V 4.5Ah
Duration	Up to 90mins at 17% power (1x battery unit) Other options available	Up to 90mins at 25% power (1x battery unit) Other options available
Charge Time	20 hours	20 hours
Additional Features	Automatic self-testing	Automatic self-testing

Part Codes

Circular beam pattern	SPZ-FL72-W-1010 / SPZ-FL72-W-3030 SPZ-FL72-W-5050 / SPZ-FL72-W-120120	SPZ-FL72-W-1010-EM17 / SPZ-FL72-W-3030-EM17 SPZ-FL72-W-5050-EM17 / SPZ-FL72-W-120120-EM17	SPZ-FL48-W-1010 / SPZ-FL48-W-3030 SPZ-FL48-W-5050 / SPZ-FL48-W-120120	SPZ-FL48-W-1010-EM25 / SPZ-FL48-W-3030-EM25 SPZ-FL48-W-5050-EM25 / SPZ-FL48-W-120120-EM25
Elliptical beam pattern	SPZ-FL72-W-3510 / SPZ-FL72-W-6025 SPZ-FL72-W-8030 / SPZ-FL72-W-12050	SPZ-FL72-W-3510-EM17 / SPZ-FL72-W-6025-EM17 SPZ-FL72-W-8030-EM17 / SPZ-FL72-W-12050-EM17	SPZ-FL48-W-3510 / SPZ-FL48-W-6025 SPZ-FL48-W-8030 / SPZ-FL48-W-12050	SPZ-FL48-W-3510-EM25 / SPZ-FL48-W-6025-EM25 SPZ-FL48-W-8030-EM25 / SPZ-FL48-W-12050-EM25


SPARTAN
FLOOD FL24

SPARTAN
FLOOD L24 Emergency

SPARTAN
FLOOD FL12

Certification	ATEX and IEC Ex rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IEC Ex rated for Zone 2 Gas and Dust ABS Approved	ATEX and IEC Ex rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS
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)	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/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC
Beam Shape	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)
Consumption	68W	71W	34W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDs	24	24	12
Power output (luminous flux)	Up to 5,500lm – circular beam patterns Up to 5,000lm – elliptical beam patterns	Up to 5,500lm – circular beam patterns Up to 5,000lm – elliptical beam patterns	Up to 2,750lm – circular beam patterns Up to 2,500lm – elliptical beam patterns
Wavelength	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
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)
Colour Temperature (White-Light)	6,000K+	6,000K+	6,000K+
Colour	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006)	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006) Emergency Cover - Red (RAL 3024)	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006)
Weight	8kg (17.6lbs)	10Kg (22lbs)	5kg (11lbs)
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")	196 x 274 x 170mm (10.8 x 7.7 x 6.7")
Additional Features	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system Photocell (optional) T4, T5 and T6 Variants (T4 as standard)	Cool Extrude Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system T4, T5 and T6 Variants (T4 as standard)	Cool Extrude™ Thermal Management Removeable PSU and LED modules Retention point for suspension cord SMART access wiring system Photocell (optional) T4, T5 and T6 Variants (T4 as standard)

Intelligent Emergency Battery Back-up

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

Part Codes

Circular beam pattern	SPZ-FL24-W-1010 / SPZ-FL48-W-3030 SPZ-FL24-W-5050 / SPZ-FL48-W-120120	SPZ-FL24-W-1010-EM50 / SPZ-FL24-W-3030-EM50 SPZ-FL24-W-5050-EM50 / SPZ-FL24-W-120120-EM50	SPZ-FL12-W-1010 / SPZ-FL12-W-3030 SPZ-FL12-W-5050 / SPZ-FL12-W-120120
Elliptical beam pattern	SPZ-FL24-W-3510 / SPZ-FL48-W-6025 SPZ-FL24-W-8030 / SPZ-FL48-W-12050	SPZ-FL24-W-3510-EM50 / SPZ-FL24-W-6025-EM50 SPZ-FL24-W-8030-EM50 / SPZ-FL24-W-12050-EM50	SPZ-FL12-W-3510 / SPZ-FL12-W-6025 SPZ-FL12-W-8030 / SPZ-FL12-W-12050

SPARTAN

LineaR



Back-Up Emergenza intelligente

SPARTAN Linear è disponibile come variante di emergenza che può raggiungere il 100% di emissione luminosa in condizioni di emergenza. Tutte le unità di emergenza lineari SPARTAN sono dotate di una gestione intelligente della batteria per monitorare e mantenere in modo proattivo la salute generale del vostro apparecchio..

Robusta

Allestito in alluminio marino con elementi di fissaggio e staffe in acciaio inossidabile, SPARTAN Linear è classificato IP66 e IP67 e può sopravvivere negli ambienti più estremi.

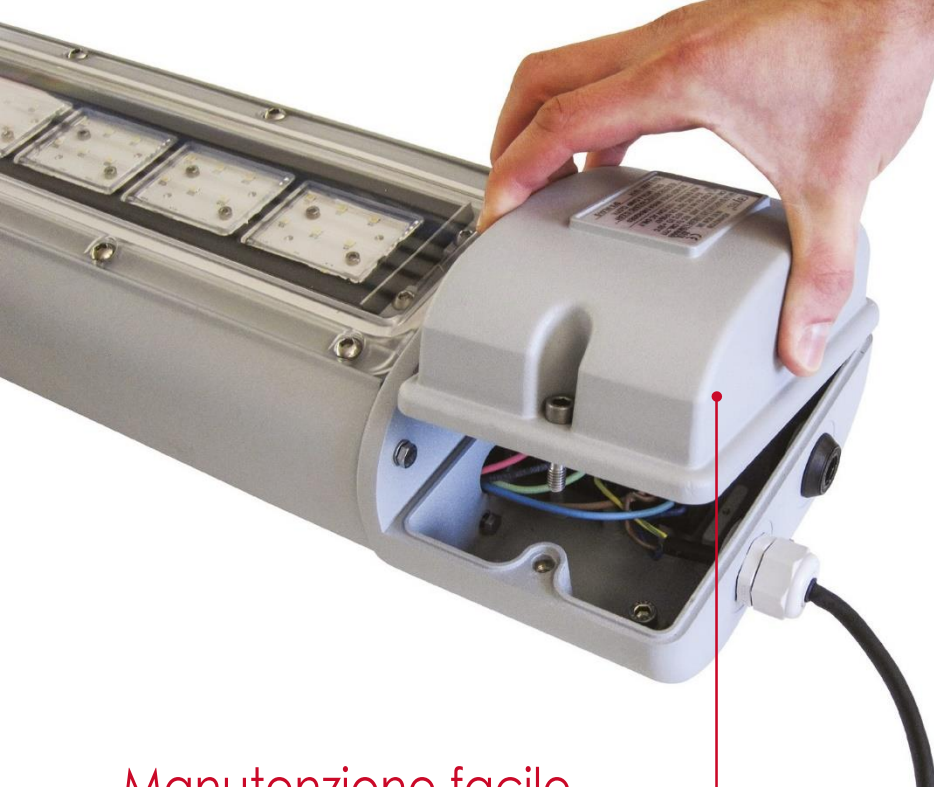
Perfetto, Illuminazione uniforme

I LED SMT multipli a piccolo profilo e potenza media sono utilizzati per fornire un'illuminazione nitida e uniforme senza abbagliamento.

Temperatura di lavoro ampia

Una gamma di temperature di funzionamento da -40 ° C a + 60 ° C con un rating T4 / T5 / T6 significa che SPARTAN Linear è adatto anche alle condizioni più difficili.





Manutenzione facile

Un design modulare che facilita la manutenzione consente una manutenzione e un'ispezione rapida e semplice di tutti i componenti chiave compresi i moduli LED e PSU. SPARTAN Linear è stato progettato anche senza sporgenze per evitare l'accumulo di polvere o acqua.



LED Friendly

SPARTAN Linear utilizza la tecnologia di gestione termica CoolExtrude™, assicurando una temperatura operativa LED molto più fresca. Ciò garantisce una dissipazione del calore fino al 60% superiore rispetto alle soluzioni di illuminazione tradizionali e consente al prodotto di funzionare per oltre 10 anni negli ambienti più difficili.

Installabile

SPARTAN Linear sostituisce direttamente i raccordi fluorescenti, il che significa che è possibile passare alla luce a LED senza complicazioni.





Certification	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved
Beam Angles	120°, Equivalent to 2 x 58W T8 Fluorescent	120°, Equivalent to 2 x 36W T8 Fluorescent	120°, Equivalent to 2 x 36W T8 Fluorescent
Input	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69VDC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69VDC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only
Consumption	68W	68W	71W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	168	168	168
Power output (luminous flux)	Up to 5,000 lm, Equivalent to 2 x 58W T8 Fluorescent	Up to 5,000 lm, Equivalent to 2 x 58W T8 Fluorescent	Up to 5,000 lm, Equivalent to 2 x 58W T8 Fluorescent
Wavelength	White-Light	White-Light	White-Light
IP Rating	IP66 and IP67	IP66 and IP67	IP66 and IP67
Temperature Range	-40°C to +55°C (-40°F to +131°F)	-40°C to +55°C (-40°F to +131°F)	-20°C to +50°C (-4°F to +122°F)
Colour Temperature (White-Light)	6,000K+	6,000K+	6,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006) Emergency Cover - Red (RAL 3024)
Weight	9kg (19.8lbs)	9kg (19.8lbs)	10kg (22lbs)
Dimensions	1635 x 108 x 174mm (64.4 x 4.3 x 6.9")	1295 x 108 x 174mm (51 x 4.3 x 6.9")	1414 x 108 x 174mm (55.7 x 4.3 x 6.9")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, 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

Part Codes

	SPX-WL168-1500	SPX-WL168	SPX-WL168-EM25
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SPARTAN
Linear WL84-1200



SPARTAN
Linear WL84-1200 Emergency



SPARTAN
Linear WL84



SPARTAN
Linear WL84 Emergency

Certification	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved
Beam Angles	120°, Equivalent to 2 x 36W T8 Fluorescent	120°, Equivalent to 2 x 36W T8 Fluorescent	120°, Equivalent to 2 x 18W T8 Fluorescent	120°, Equivalent to 2 x 18W T8 Fluorescent
Input	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only
Consumption	34W	34W	34W	34W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDs	84	84	84	84
Power output (luminous flux)	Up to 2,500 lm, Equivalent to 2 x 36W T8 Fluorescent	Up to 2,500 lm, Equivalent to 2 x 36W T8 Fluorescent	Up to 2,500 lm, Equivalent to 2 x 18W T8 Fluorescent	Up to 2,500 lm, Equivalent to 2 x 18W T8 Fluorescent
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 and IP67	IP66 and IP67	IP66 and IP67	IP66 and IP67
Temperature Range	-40°C to +55°C (-40°F to +131°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +55°C (-40°F to +131°F)	-20°C to +50°C (-4°F to +122°F)
Colour Temperature (White-Light)	6,000K+	6,000K+	6,000K+	6,000K+
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)	6kg (13.2lbs)	7kg (15.4lbs)
Dimensions	1295 x 108 x 174mm (51 x 4.3 x 6.9")	1295 x 108 x 174mm (51 x 4.3 x 6.9")	775 x 108 x 174mm (30.5 x 4.3 x 6.9")	775 x 108 x 174mm (30.5 x 4.3 x 6.9")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, 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

Part Codes

	SPX-WL84-1200	SPX-WL84-1200-EM25	SPX-WL84	SPX-WL84-EM25
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Certification	ATEX and IECEx rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IECEx rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IECEx rated for Zone 2 Gas and Dust ABS Approved
Beam Angles	120°, Equivalent to 2 x 58W T8 Fluorescent	120°, Equivalent to 2 x 36W T8 Fluorescent	120°, Equivalent to 2 x 36W T8 Fluorescent
Input	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69VDC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only Low voltage: 18-48V AC and 18-69VDC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only
Consumption	68W	68W	71W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDS	168	168	168
Power output (luminous flux)	Up to 6,800 lm, Equivalent to 2 x 58W T8 Fluorescent	Up to 6,800 lm, Equivalent to 2 x 58W T8 Fluorescent	Up to 6,800 lm, Equivalent to 2 x 58W T8 Fluorescent
Wavelength	White-Light	White-Light	White-Light
IP Rating	IP66 and IP67	IP66 and IP67	IP66 and IP67
Temperature Range	-40°C to +55°C (-40°F to +131°F)	-40°C to +55°C (-40°F to +131°F)	-20°C to +50°C (-4°F to +122°F)
Colour Temperature (White-Light)	6,000K+	6,000K+	6,000K+
Colour	Dark Grey (RAL 7012)	Dark Grey (RAL 7012)	Dark Grey (RAL 7012) Emergency Cover - Red (RAL 3024)
Weight	9kg (19.8lbs)	9kg (19.8lbs)	10kg (22lbs)
Dimensions	1635 x 108 x 174mm (64.4 x 4.3 x 6.9")	1295 x 108 x 174mm (51 x 4.3 x 6.9")	1414 x 108 x 174mm (55.7 x 4.3 x 6.9")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, 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

Part Codes

	SPZ-WL168-1500	SPZ-WL168	SPZ-WL168-EM25
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SPARTAN
Linear WL84-1200



SPARTAN
Linear WL84-1200 Emergency



SPARTAN
Linear WL84



SPARTAN
Linear WL84 Emergency



Certification	ATEX and IECEx rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IECEx rated for Zone 2 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IECEx rated for Zone 2 Gas and Dust ABS Approved
Beam Angles	120°, Equivalent to 2 x 36W T8 Fluorescent	120°, Equivalent to 2 x 36W T8 Fluorescent	120°, Equivalent to 2 x 18W T8 Fluorescent	120°, Equivalent to 2 x 18W T8 Fluorescent
Input	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only
Consumption	34W	34W	34W	34W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDs	84	84	84	84
Power output (luminous flux)	Up to 3,400 lm, Equivalent to 2 x 36W T8 Fluorescent	Up to 3,400 lm, Equivalent to 2 x 36W T8 Fluorescent	Up to 3,400 lm, Equivalent to 2 x 36W T8 Fluorescent	Up to 3,400 lm, Equivalent to 2 x 36W T8 Fluorescent
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 and IP67	IP66 and IP67	IP66 and IP67	IP66 and IP67
Temperature Range	-40°C to +55°C (-40°F to +131°F)	-20°C to +50°C (-4°F to +122°F)	-40°C to +55°C (-40°F to +131°F)	-20°C to +50°C (-4°F to +122°F)
Colour Temperature (White-Light)	6,000K+	6,000K+	6,000K+	6,000K+
Colour	Dark Grey (RAL 7012)	Dark Grey (RAL 7012) Emergency Cover - Red (RAL 3024)	Dark Grey (RAL 7012)	Dark Grey (RAL 7012) Emergency Cover - Red (RAL 3024)
Weight	6kg (13.2lbs)	7kg (15.4lbs)	6kg (13.2lbs)	7kg (15.4lbs)
Dimensions	1295 x 108 x 174mm (51 x 4.3 x 6.9")	1295 x 108 x 174mm (51 x 4.3 x 6.9")	775x 108 x 174mm (30.5 x 4.3 x 6.9")	775x 108 x 174mm (30.5 x 4.3 x 6.9")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)	"CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, T5 and T6 variants (T4 as standard)"	CoolExtrude™ Thermal Management Removable PSU and LED Modules Smart access wiring system Photocell (optional) T4, 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

Part Codes

	SPZ-WL84-1200	SPZ-WL84-1200-EM25	SPZ-WL84	SPZ-WL84-EM25
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SPARTAN

BuLKHeAD



LED Friendly

SPARTAN Bulkhead utilizza la tecnologia di gestione termica CoolExtrude™, assicurando una temperatura operativa LED molto più fresca. Ciò garantisce una dissipazione del calore fino al 60% superiore rispetto alle soluzioni di illuminazione tradizionali e consente al prodotto di funzionare per oltre 10 anni negli ambienti più difficili.

Robusta

Alloggiato in alluminio marino con elementi di fissaggio e staffe in acciaio inossidabile, SPARTAN Bulkhead è classificato IP66 e IP67 e può sopravvivere negli ambienti più estremi..

Intelligent Emergency Back-Up

SPARTAN Bulkhead è disponibile come variante di emergenza e le varianti standard possono essere convertite in un dispositivo di emergenza in qualsiasi momento sul posto, utilizzando un modulo aggiuntivo di backup della batteria che può raggiungere il 100% di emissione luminosa in condizioni di emergenza. Tutte le unità di emergenza Paratia SPARTAN sono dotate di una gestione intelligente della batteria per monitorare e mantenere in modo proattivo la salute generale del vostro apparecchio.

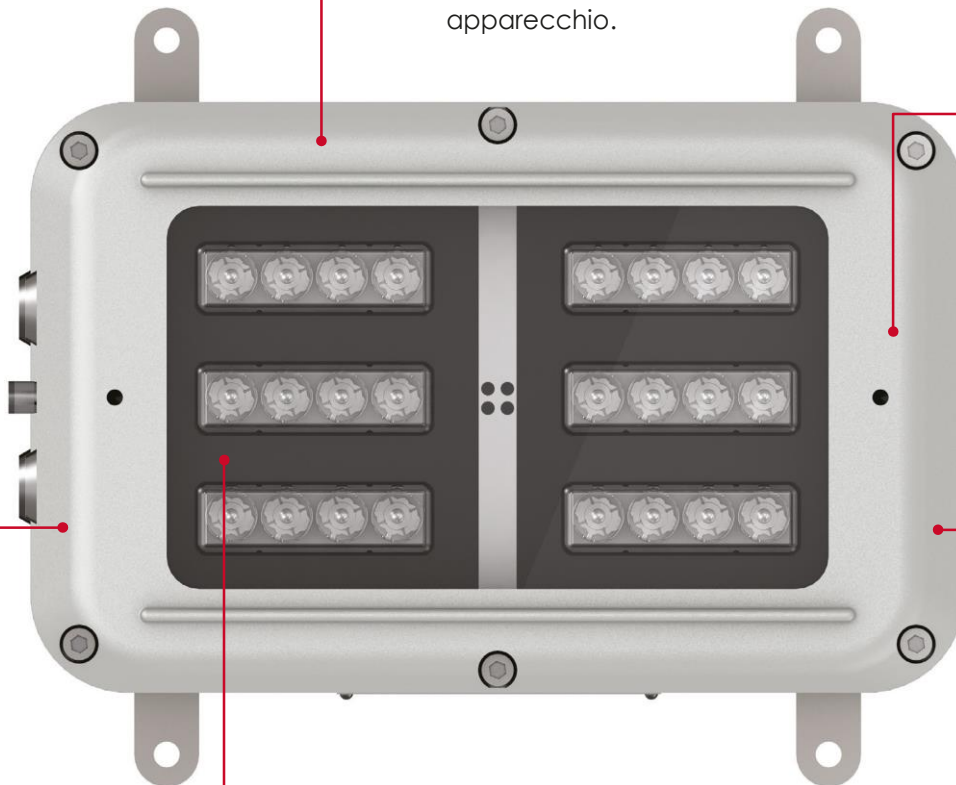
Compatta

SPARTAN Bulkhead ha un design compatto a basso profilo per applicazioni spaziali limitate. Consente inoltre un facile accesso alla parte posteriore dell'unità con ingressi cavi posteriori, in modo che i cavi possano essere nascosti e protetti da eventuali danni.

Ampia temperatura operativa

Una temperatura di funzionamento di -50 ° C a + 46 ° C * con un rating T4 / T5 / T6 significa che SPARTAN Bulkhead è adatto anche alle condizioni più difficili.

* Le varianti di emergenza hanno una temperatura operativa da -20 ° C a + 46 ° C





SPARTAN
BULKHeAD BL24



SPARTAN
BULKHeAD BL24 Emergency



SPARTAN
BULKHeAD BL24



SPARTAN
BULKHeAD BL24 Emergency

Certification	ATEX and IECEx rated for Zone 1 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 2 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 2 Gas and 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)	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/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69V DC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC only
Consumption	34W	37W	34W	37W
LED type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number of LEDs	24	24	24	24
Power output (luminous flux)	Up to 2,500lm - circular beam patterns Up to 2,250lm - elliptical beam patterns	Up to 2,500lm - circular beam patterns Up to 2,250lm - elliptical beam patterns	Up to 2,750lm - circular beam patterns Up to 2,500lm - elliptical beam patterns	Up to 2,750lm - circular beam patterns Up to 2,500lm - elliptical beam patterns
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 and IP67	IP66 and IP67	IP66 and IP67	IP66 and IP67
Temperature Range	-50°C to +55°C (-58°F to 131°F)	-20°C to +46°C (-4°F to 114°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+	6,000K+	6,000K+
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Dark Grey (RAL 7012)	Dark Grey (RAL 7012)
Weight	5kg (11.0lbs)	6kg (13.2lbs)	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")	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 Smart access wiring system Photocell (optional) T4 and T5 Variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED modules Smart access wiring system Photocell (optional) T4 and T5 Variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED modules Smart access wiring system Photocell (optional) T4 and T5 Variants (T4 as standard)	CoolExtrude™ Thermal Management Removable PSU and LED modules Smart access wiring system Photocell (optional) T4 and T5 Variants (T4 as standard)

Intelligent Emergency Battery Back-up

Battery	2.5 Ah	2.5 Ah
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

Part Codes

Circular beam pattern	SPX-BL24-W-1010 / SPX-BL24-W-3030 SPX-BL24-W-5050 / SPX-BL24-W-120120	SPX-BL24-W-1010-EM25 / SPX-BL24-W-3030-EM25 SPX-BL24-W-5050-EM25 / SPX-BL24-W-120121-EM25	SPZ-BL24-W-1010 / SPZ-BL24-W-3030 SPZ-BL24-W-5050 / SPZ-BL24-W-120120	SPZ-BL24-W-1010-EM25 / SPZ-BL24-W-3030-EM25 SPZ-BL24-W-5050-EM25 / SPZ-BL24-W-120121-EM25
Elliptical beam pattern	SPX-BL24-W-3510 / SPX-BL24-W-6025 SPX-BL24-W-8030 / SPX-BL24-W-12050	SPX-BL24-W-3510-EM25 / SPX-BL24-W-6025-EM25 SPX-BL24-W-8030-EM25 / SPX-BL24-W-12051-EM25	SPZ-BL24-W-3510 / SPZ-BL24-W-6025 SPZ-BL24-W-8030 / SPZ-BL24-W-12050	SPZ-BL24-W-3510-EM25 / SPZ-BL24-W-6025-EM25 SPZ-BL24-W-8030-EM25 / SPZ-BL24-W-12051-EM25

SPARTAN

CRANE LUMINAIRE



Resistente alle vibrazioni

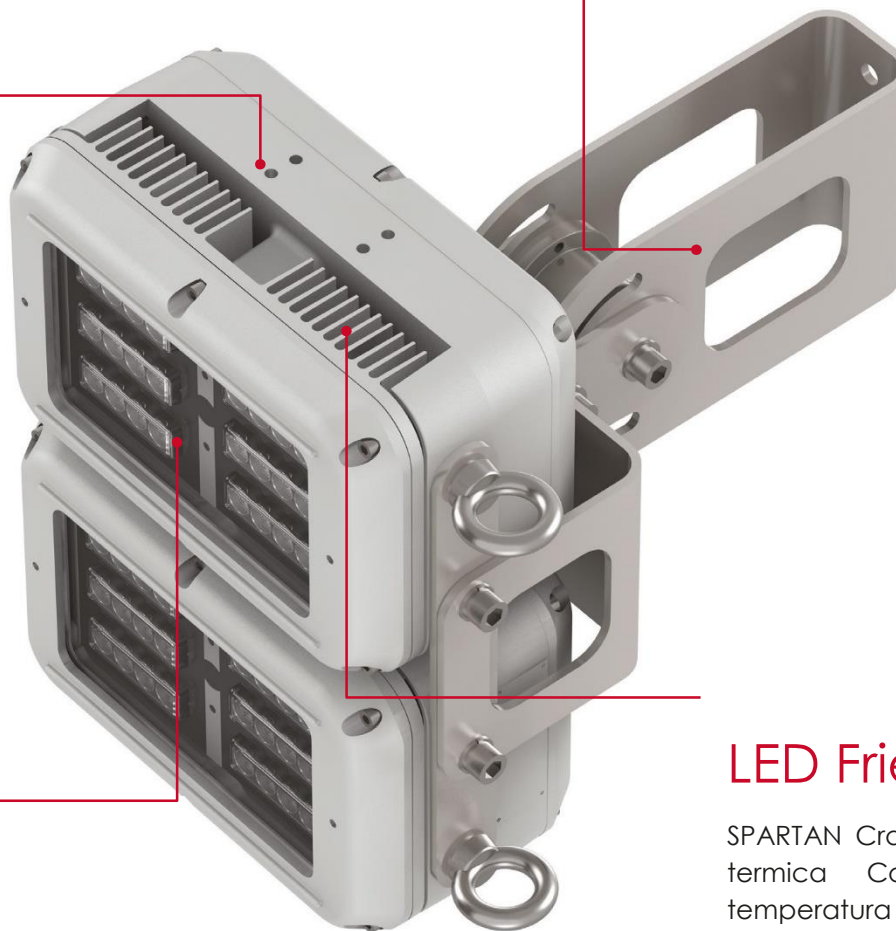
SPARTAN Crane utilizza LED a montaggio superficiale ad alte prestazioni che sono incapsulati in una miscela di gomma siliconica. Anche tutti i componenti elettronici di potenza della SPARTAN Crane sono incapsulati. Il risultato è un'eccezionale resistenza alle vibrazioni per le applicazioni più esigenti.

Ultra-Potente

SPARTAN Crane integra i più recenti LED ad alta potenza con la comprovata tecnologia di gestione dei LED e la tecnologia ottica. Questo garantisce un flusso luminoso fino a 10.000 lumen anche durante il funzionamento di emergenza quando si scarica la batteria integrata

Self-Levelling

Un ammortizzatore rotante in acciaio inossidabile assicura che la gru SPARTAN illumini sempre l'area direttamente sotto la gru e impedisca all'apparecchio di oscillare mentre il braccio della gru si muove su e giù.



LED Friendly

SPARTAN Crane utilizza la tecnologia di gestione termica CoolExtrude™, assicurando una temperatura operativa LED molto più fresca. Ciò garantisce una dissipazione del calore fino al 60% superiore rispetto alle soluzioni di illuminazione tradizionali e consente al prodotto di funzionare per oltre 10 anni negli ambienti più difficili.



SPARTAN
CRANE FL48C



SPARTAN
CRANE FL48C

Certification	ATEX and IEC Ex rated for Zone 1 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IEC Ex rated for Zone 2 Gas and Dust ABS Approved
Beam Angles	10° x 10° (circular)	10° x 10° (circular)
Input	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69VDC Extra low voltage: 12V AC/DC	110-254V 50/60Hz AC/DC Low voltage: 18-48V AC and 18-69VDC Extra low voltage: 12V AC/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 10,000lm - circular beam patterns Up to 9,000lm - elliptical beam patterns	Up to 11,000lm - circular beam patterns Up to 10,000lm - elliptical beam patterns
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)	Front - Dark Grey (RAL7012) Back - 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 SMART access wiring system T4, T5 and T6 Variants (T4 as standard)	Stainless steel rotary damper 2 x retention points for suspension cord CoolExtrude™ Thermal Management Removable PSU and LED modules SMART access wiring system T4, T5 and T6 Variants (T4 as standard)

Part Codes

Circular beam pattern

SPX-FL48C-W-1010

SPZ-FL48C-W-1010

SPARTAN

BAY



LED Friendly

SPARTAN Bay utilizza la tecnologia di gestione termica CoolExtrude™, assicurando una temperatura operativa LED molto più fresca. Ciò garantisce una dissipazione del calore fino al 60% superiore rispetto alle soluzioni di illuminazione tradizionali e consente al prodotto di funzionare per oltre 10 anni negli ambienti più difficili.

Ultra Potente

SPARTAN Bay è progettato per aree molto grandi e pericolose che richiedono un'illuminazione a luce bianca potente a soffitto. SPARTAN Bay integra i più recenti LED ad alta potenza con la comprovata tecnologia LED di gestione e tecnologia ottica, offrendo un flusso luminoso fino a 27.500 lumen.



Installazione flessibile e manutenzione facile

Il design modulare consente una grande flessibilità: l'intero telaio PSU può essere rimosso e posizionato a distanza a livello del suolo per le aree con accesso difficile. Inoltre, i singoli moduli PSU possono essere facilmente accessibili e sostituiti rendendo più rapida e semplice la manutenzione e l'ispezione di tutti i componenti chiave.

Intelligent Driver

SPARTAN Bay dispone di un driver DALI intelligente e completamente programmabile per un'integrazione perfetta nell'infrastruttura di illuminazione esistente.



SPARTAN
HIGH POWER BAY HPBY25K



SPARTAN
HIGH POWER BAY HPBY20K



SPARTAN
HIGH POWER BAY HPBY15K



SPARTAN
HIGH POWER BAY HPBY10K

Certification	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved	ATEX and IECEx rated for Zone 1 Gas and Dust ABS Approved
Angles	30° x 30° / 60° x 60° and 90x 90° (circular)	30° x 30° / 60° x 60° and 90x 90° (circular)	30° x 30° / 60° x 60° and 90x 90° (circular)	30° x 30° / 60° x 60° and 90x 90° (circular)
Input	150-264V 50/60Hz AC/DC	150-264V 50/60Hz AC/DC	150-264V 50/60Hz AC/DC	150-264V 50/60Hz AC/DC
Beam Shape	Circular	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed	Fixed
Consumption	300W	240W	180W	120W
LED type	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs
Number of LEDs	24	24	24	12
Power output (luminous flux)	23,000 lm	20,000 lm	15,000 lm	10,000 lm
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
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)	-50°C to +50°C (-58°F to 122°F)
Colour Temperature (White-Light)	5,000K	5,000K	5,000K	5,000K
Colour	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)	Silver (RAL 9006)
Weight	22.7kg (50lbs)	22.7kg (50lbs)	22.7kg (50lbs)	21kg (46.3lbs)
Dimensions	550 x 353 x 164mm (21.7 x 13.9 x 6.5")	550 x 353 x 164mm (21.7 x 13.9 x 6.5")	550 x 353 x 164mm (21.7 x 13.9 x 6.5")	550 x 353 x 164mm (21.7 x 13.9 x 6.5")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating
Part Codes				
Circular beam pattern	SPX-HPBY25K-W-3030 / SPX-HPBY25K-W-6060 / SPX-HPBY25K-W-9090	SPX-HPBY20K-W-3030 / SPX-HPBY20K-W-6060 / SPX-HPBY20K-W-9090	SPX-HPBY15K-W-3030 / SPX-HPBY15K-W-6060 / SPX-HPBY15K-W-9090	SPX-HPBY10K-W-3030 / SPX-HPBY10K-W-6060 / SPX-HPBY10K-W-9090



SPARTAN
HIGH POWER BAY HPBY25K



SPARTAN
HIGH POWER BAY HPBY20K



SPARTAN
HIGH POWER BAY HPBY15K



SPARTAN
HIGH POWER BAY HPBY10K



Certification	ATEX and IECEx rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IECEx rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IECEx rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS	ATEX and IECEx rated for Zone 2 Gas and Dust UL/CSA including C1D2 and ABS
Beam Angles	30° x 30° / 60° x 60° and 90x 90° (circular)	30° x 30° / 60° x 60° and 90x 90° (circular)	30° x 30° / 60° x 60° and 90x 90° (circular)	30° x 30° / 60° x 60° and 90x 90° (circular)
Input	150-264V 50/60Hz AC/DC C1D2 variants - 120-254V AC/DC	150-264V 50/60Hz AC/DC C1D2 variants - 120-254V AC/DC	150-264V 50/60Hz AC/DC C1D2 variants - 120-254V AC/DC	150-264V 50/60Hz AC/DC C1D2 variants - 120-254V AC/DC
Beam Shape	Circular	Circular	Circular	Circular
Beam Angle System	Fixed	Fixed	Fixed	Fixed
Consumption	300W	240W	180W	120W
LED type	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs	Platinum Elite Multi-Core SMT LEDs
Number of LEDs	24	24	24	12
Power output (luminous flux)	25,000 lm	22,000 lm	16,500 lm	11,000 lm
Wavelength	White-Light	White-Light	White-Light	White-Light
IP Rating	IP66 & IP67	IP66 & IP67	IP66 & IP67	IP66 & IP67
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)	-50°C to +50°C (-58°F to 122°F)
Colour Temperature (White-Light)	5,000K	5,000K	5,000K	5,000K
Colour	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006)	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006)	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006)	Front - Dark Grey (RAL 7012) Back - Silver (RAL 9006)
Weight	22.7kg (50lbs)	22.7kg (50lbs)	22.7kg (50lbs)	21kg (46.3lbs)
Dimensions	550 x 353 x 164mm (21.7 x 13.9 x 6.5")	550 x 353 x 164mm (21.7 x 13.9 x 6.5")	550 x 353 x 164mm (21.7 x 13.9 x 6.5")	550 x 353 x 164mm (21.7 x 13.9 x 6.5")
Additional Features	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating	CoolExtrude™ Thermal Management Removable PSU and LED modules DALI/Dimming as Standard SMART access wiring system T4 Rating
Part Codes				
Circular beam pattern	SPZ-HPBY25K-W-3030 / SPZ-HPBY25K-W-6060 / SPZ-HPBY25K-W-9090	SPZ-HPBY20K-W-3030 / SPZ-HPBY20K-W-6060 / SPZ-HPBY20K-W-9090	SPZ-HPBY15K-W-3030 / SPZ-HPBY15K-W-6060 / SPZ-HPBY15K-W-9090	SPZ-HPBY10K-W-3030 / SPZ-HPBY10K-W-6060 / SPZ-HPBY10K-W-9090



Kit scudo di sabbiatura

Flood/Bulkhead



Kit di montaggio a soffitto

Linear



Kit cavo di sospensione

Flood/Linear/Bulkhead



Kit di montaggio staffa girevole

Linear/Bulkhead



Kit morsetto palo

Linear



M8 Eye Bolt Kit

Flood/Linear



Kit di montaggio magnetico

Linear



Guardia Anteriore

Flood/Bulkhead/High Power Flood



Lente in policarbonato antistatico

Linear



Segnale uscita emergenza

Bulkhead



Pellicola protettiva

Flood/Linear/Bulkhead



Kit di montaggio su palo

Flood



Wildlife Friendly



Doccia di sicurezza



Luce
rossa



Infra-Rosso



Industria pesante



Loop in Loop Out



Spigot Mount



Applicazioni IIB/ IIB + H2



Gamma Urban-X

Servizio di progettazione illuminazione

Il nostro team di esperti può progettare uno schema di illuminazione su misura per le vostre esigenze individuali.

Questo servizio offre –

- Progettazione illuminazione 2D
- Progettazione illuminazione 3D

Offrendo una rappresentazione visuale tridimensionale dettagliata o completa del sito, il nostro servizio di progettazione illuminotecnica fornirà raccomandazioni sul tipo di prodotto e sul numero di luci necessarie, nonché sui livelli di luce medi, massimi e minimi che possono essere raggiunti.

Rapporto sul risparmio energetico e sui costi

Fornisce un sondaggio specifico per cliente per riepilogare energia, risparmio di CO2 e ROI. I risparmi sui costi possono essere visualizzati su 1, 5 e 10 anni.

Divisione operazione speciali

Il nostro team di specialisti è in grado di offrire un design del prodotto personalizzato su misura per progetti su misura e applicazioni impegnative. Chiamaci!





Illuminazione a LED per aree pericolose con certificazioni mondiali

T: 02-3512774
mca@mcastrumenti.it

www.mcastrumenti.it