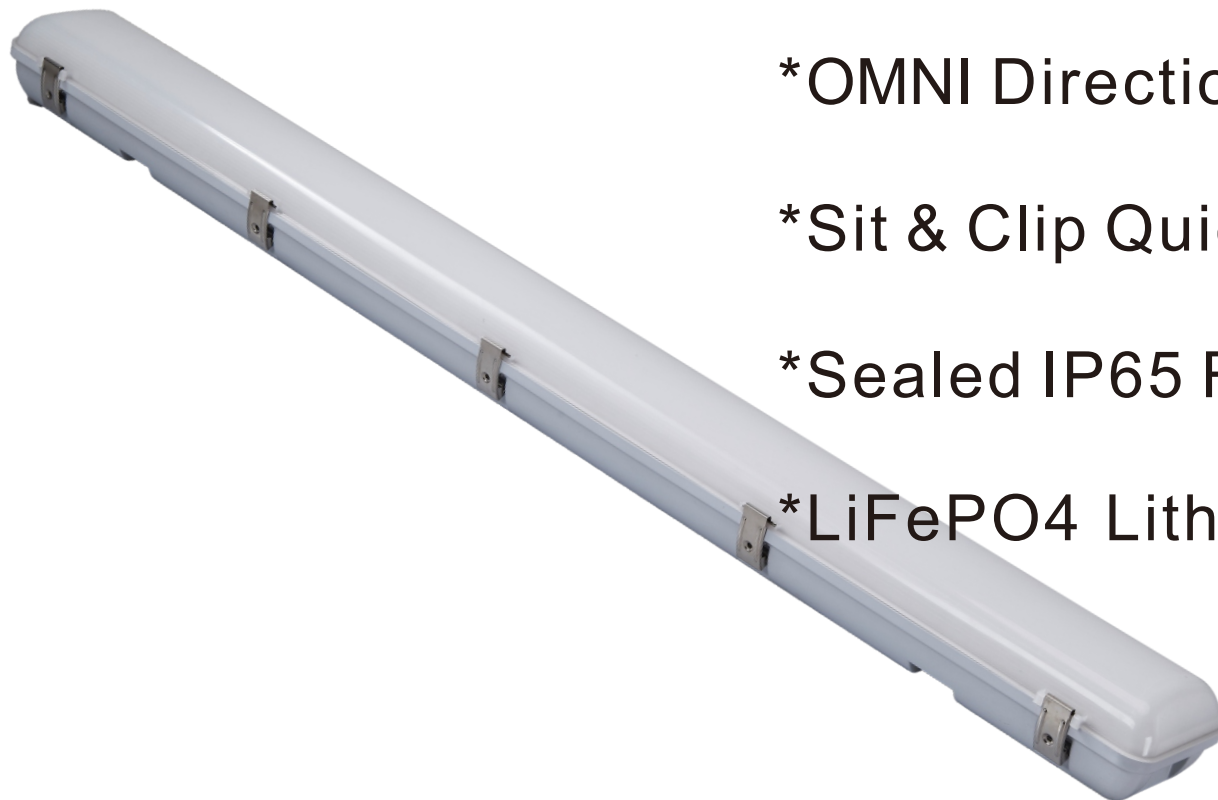




Electrical and Lighting Products



Distributed By: Sparkelec Pty Ltd  
Address: 56 Parramatta Rd Croydon NSW 2132  
Website: [www.sparkelec.com.au](http://www.sparkelec.com.au)



- \*24 Volt DC Polarity Free System
- \*OMNI Directional light Output
- \*Sit & Clip Quick Mount System
- \*Sealed IP65 Rated Weatherproof Fittings
- \*LiFePO4 Lithium Battery Backup Emergency



## Temporary Lighting Solution

The system is based on a 24V DC supply, meaning increased safety for all construction personnel on site.

The systems comprises of Sparkelec control boards, Sparkelec leads, Sparkelec “Y” pieces, and Sparkelec weatherproof light fittings, both standard and emergencies.

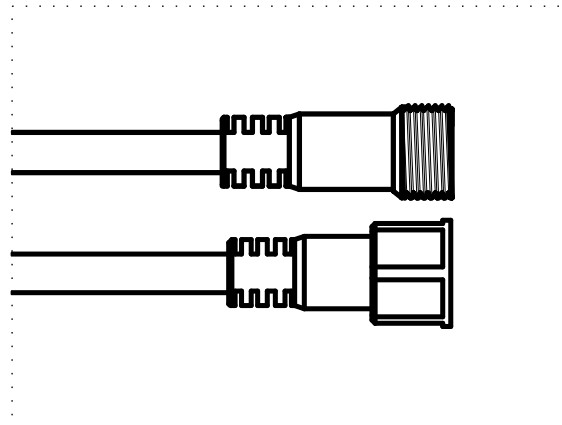
All leads and connections are fitted with the soft wiring system to allow for the “plug and play” installation.

To comply with AS3012, Clause 2.7.3.1. We recommend that the connection is tightened via tool to prevent unauthorised disconnection.

The Sparkelec control board has panel mounted connections and the light fittings are enabled with luminaire leads.

### **NO TERMINATIONS REQUIRED.**

Quick fit exit bracket can be attached to the light fitting of your choice and adjusted to your desired orientation. Available in standard and arrow versions.



**Plug and Play Installation**



**Install Flexibility**



**Long Life High Efficiency LED Chips**





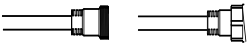
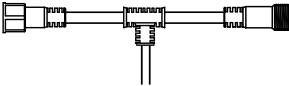
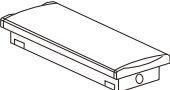





**Time Saving**



**Parallel connection**






Product Picture	Product Code	Product Description
	<b>SP110DC24V</b>	24V DC 15W 600mm IP65 Standard LED Weatherproof IP65
	<b>SP110DC24V-EM</b>	24V DC 15W 600mm IP65 Emergency LED Weatherproof IP65 <b>Emergency</b>
	<b>SP120DC24V</b>	24V DC 22W 1200mm IP65 Standard LED Weatherproof IP65
	<b>SP120DC24V-EM</b>	24V DC 22W 1200mm IP65 Standard LED Weatherproof IP65 <b>Emergency</b>
	<b>SP24V-MF-1M-DRIVER</b> <b>SP24V-MF-3M</b> <b>SP24V-MF-7M</b>	0.97m <b>DRIVER to Fitting</b> 2.5mm <sup>2</sup> Leads, Yellow 3m Male to Female Moulded 2.5mm <sup>2</sup> Leads, Yellow 7m Male to Female Moulded 2.5mm <sup>2</sup> Leads, Yellow
	<b>SP24V-T-JOIN</b>	2.5mm <sup>2</sup> 3 Way T Joiner, Yellow
	<b>SPEXIT-24V</b>	24V DC LED EXIT light, IP65, Emergency
	Small Weatherproof EXIT - decal 1	Decal to LED EXIT SIGN, standard
	Small Weatherproof EXIT - decal 2	Decal to LED EXIT SIGN, with arrow, right
	Small Weatherproof EXIT - decal 3	Decal to LED EXIT SIGN, with arrow, left



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Product Picture	Product Code	Product Description
	<b>SP24V-MF-30M</b>	30m Male to Female Moulded 4mm <sup>2</sup> Leads, Yellow
	<b>SFL50W-24V</b>	50w 24v FLOOD LIGHT 5000K / 6000K DAYLIGHT
	<b>SFL100W-24V</b>  <b>SFL200W-24V</b>	100w 24v FLOOD LIGHT 5000K / 6000K DAYLIGHT  200w 24v FLOOD LIGHT 5000K / 6000K DAYLIGHT

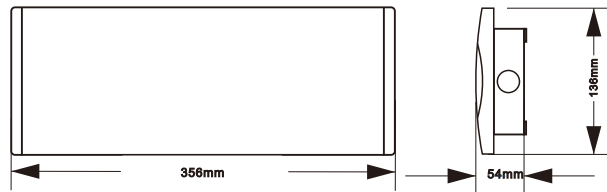
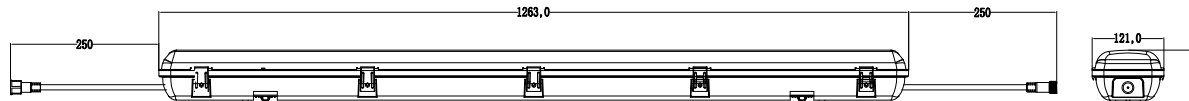


Electrical and Lighting Products

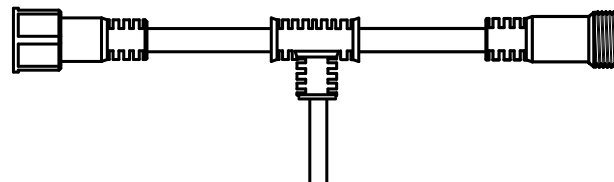
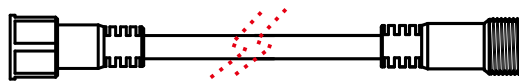


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## Fitting:



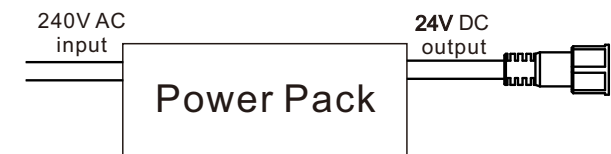
## Plug & Play Male to Female:



1 Metre, 3 Metres, 7 Metres (2.5mm)  
AND 30 Metres (4mm)

"T" Way 3 Way Joiner

## LED DRIVER:



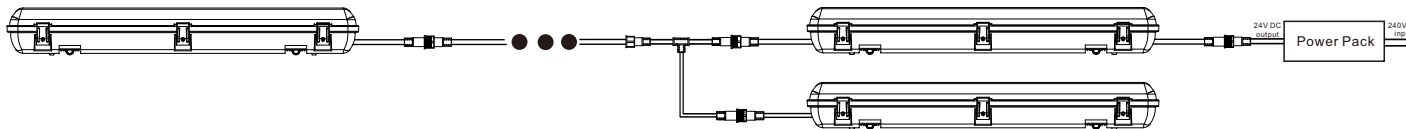


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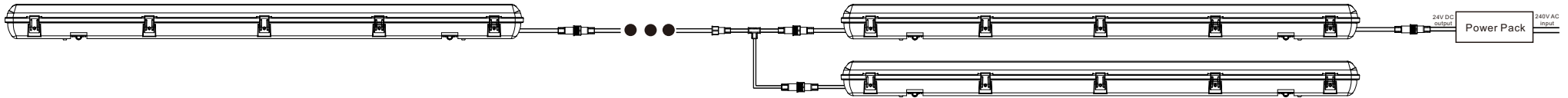


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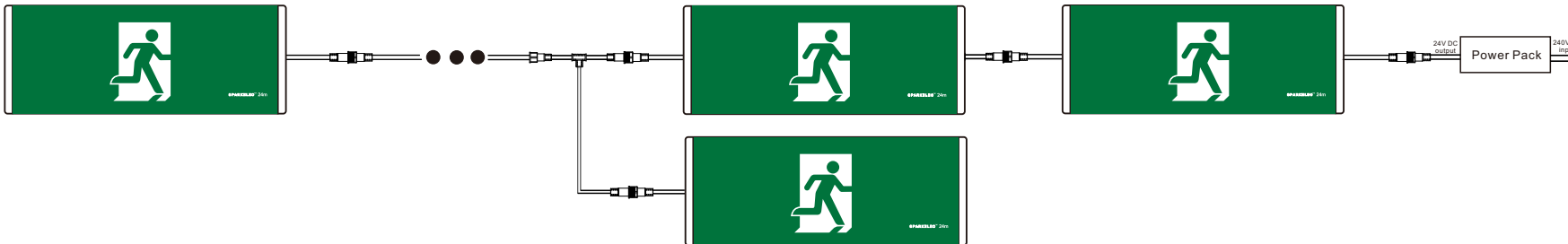
600mm option: up to 15pcs per POWER PACK



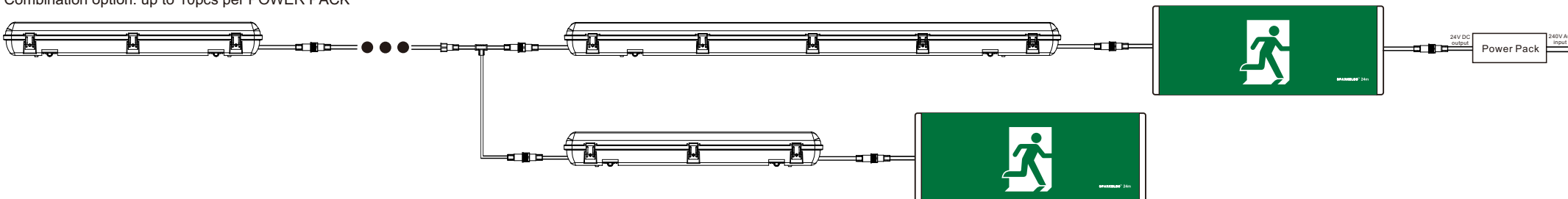
1200mm option: up to 10pcs per POWER PACK



EXIT Sign option: up to 20pcs per POWER PACK



Combination option: up to 10pcs per POWER PACK





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**Most Economical use of 24V DC LED Drivers: Connecting to Sparkelec 24V Low Voltage Flood Lights**

**Using a Meanwell HLG 240w 24v DC LED DRIVER**

-Max 1x 200w 24v Floodlight Testing at 60 metres or 90 Metres (Joining 3x30m 4mm Squared Leads)

**Using a Meanwell HLG 320w 24v DC LED DRIVER**

-Max 1x 200w Flood Light & 1x 50w Flood Light at 60 metres

-Max 1x 200w Flood Light & 1x 100w Flood Light at 30 metres

**Using a Meanwell HLG 600w 24v DC LED DRIVER**

-Max 2x 200w Flood Lights at 90 metres (Joining 3x30m 4mm Squared Leads)

-Max 2x 200w Flood Lights & 1x 50w Flood Light at 60 metres

-Max 2x 200w Flood Lights & 1x 100w Flood Light at 30 metres

**The most economical driver tested is the Meanwell HLG 600w 24v DC LED Driver as you can fit more fittings up to 90 metres, so the overall cost is lower.**

## **SPARKELEC \*24V\* 15w 60cm Weatherproof IP65 Batten**

**NON EMERGENCY MODEL:** SP110DC24V - **EMERGENCY MODEL** SP110DC24V

**Description** - Temporary 24V 2ft Emergency weatherproof batten for temporary lighting applications on construction sites (supports end-to-end cabling) – Max 10 Fittings Per Driver

**APPLICATION** - CONSTRUCTION SITES

**Construction** - ABS Base and PC Diffuser

**Mounting** - Chain Suspension or Surface mount (brackets supplied for surface mounting – no need to open luminaire)

The purpose of a 24V temporary lighting system is to provide the contractor a safe and flexible solution when installing and moving temporary lighting systems on construction sites to meet the requirements outlined in AS/NZS 3012.

Egress routes and work areas often change on construction sites and therefore the lighting systems must move with the ever-changing site.

**Dimensions L x W x H FOR 2 FOOT** - 663mm x 121mm x 87mm

**Operating Mode** - Sustained

**Weatherproof Fitting IP Rating:** IP65

**Fitting IK Rating:** IK08 (Diffuser), IK06 (Base)

**Battery:** Lithium Iron Phosphate LiFePO4 6.4v 1500 mA<sub>H</sub> for **2 FOOT**

**(Emergency Time 3 Hours)**

**Diffuser:** Polycarbonate

**LED Driver:** 24v CONSTANT Voltage **(Sold Separately).**

**Recommended LED DRIVER:** Meanwell HLG-240H-12B

**Lamps:** LED Strip module, **6000K Daylight** Approx 50,000 hours

**Operating Voltage:** 24V DC

**Lumen Output:**1665 lm @ 111lm/W **(2 FOOT)** - **Emergency Mode Lumen Output** 266 lm

**Power Consumption:** 15 Watts

**Operating Temperature:** 0°C to 40°C

**AS2293 Classification:** C0=D40 C90=D25

## **SPARKELEC \*24V\* 23w 60cm Weatherproof IP65 Batten**

**NON EMERGENCY MODEL:** SP120DC24V - **EMERGENCY MODEL** SP120DC24V

**Description** - Temporary 24V 2ft Emergency weatherproof batten for temporary lighting applications on construction sites (supports end-to-end cabling) – Max 10 Fittings Per Driver

**APPLICATION** - CONSTRUCTION SITES

**Construction** - ABS Base and PC Diffuser

**Mounting** - Chain Suspension or Surface mount (brackets supplied for surface mounting – no need to open luminaire)

The purpose of a 24V temporary lighting system is to provide the contractor a safe and flexible solution when installing and moving temporary lighting systems on construction sites to meet the requirements outlined in AS/NZS 3012.

Egress routes and work areas often change on construction sites and therefore the lighting systems must move with the ever-changing site.

**Dimensions L x W x H FOR 4 FOOT** - 1263mm x 121mm x 87mm

**Operating Mode** - Sustained

**Weatherproof Fitting IP Rating:** IP65

**Fitting IK Rating:** IK08 (Diffuser), IK06 (Base)

**Battery:** Lithium Iron Phosphate LiFePO4 6.4v 3000 mAH for **4 FOOT**

**(Emergency Time 3 Hours)**

**Diffuser:** Polycarbonate

**LED Driver:** 24v CONSTANT Voltage **(Sold Separately).**

**Recommended LED DRIVER:** Meanwell HLG-240H-12B

**Lamps:** LED Strip module, **6000K Daylight** Approx 50,000 hours

**Operating Voltage:** 24V DC

**Lumen Output:**2553 lm @ 111lm/W **(4 FOOT)** - **Emergency Mode Lumen Output** 562 lm

**Power Consumption:** 15 Watts

**Operating Temperature:** 0°C to 40°C

**AS2293 Classification:** C0=D40 C90=D25

**\*24V\* IP65 RATED LOW VOLTAGE 200w FLOOD LIGHT – SPARKELEC SFL200W-24V**

**APPLICATION** - CONSTRUCTION SITES

**Construction** - PC + Aluminium

**Mounting** - Chain Suspension or Surface mount (brackets supplied for surface mounting – no need to open luminaire)

The purpose of a 24V temporary lighting system is to provide the contractor a safe and flexible solution when installing and moving temporary lighting systems on construction sites to meet the requirements outlined in AS/NZS 3012.

Egress routes and work areas often change on construction sites and therefore the lighting systems must move with the ever-changing site.

**Weatherproof Rating** IP65

**LED Driver:** 24v CONSTANT Voltage (**Sold Separately**) - Recommended Meanwell HLG-240H-24V A,B or AB VERSION

**Colour Temperature** Between 6000-6500K

**Operating Voltage:** 24V DC

**Total Lumen Output:** Approx 18800 lm

**Power Consumption:** Approx 200 Watts

**\*24V\* IP65 RATED LOW VOLTAGE 100w FLOOD LIGHT – SPARKELEC SFL100W-24V**

**APPLICATION** - CONSTRUCTION SITES

**Construction** - PC + Aluminium

**Mounting** - Chain Suspension or Surface mount (brackets supplied for surface mounting – no need to open luminaire)

The purpose of a 24V temporary lighting system is to provide the contractor a safe and flexible solution when installing and moving temporary lighting systems on construction sites to meet the requirements outlined in AS/NZS 3012.

Egress routes and work areas often change on construction sites and therefore the lighting systems must move with the ever-changing site.

**Weatherproof Rating** IP65

**LED Driver:** 24v CONSTANT Voltage (**Sold Separately**) - Recommended Meanwell HLG-240H-24V A,B or AB VERSION

**Colour Temperature** Between 6000-6500K

**Operating Voltage:** 24V DC

**Total Lumen Output:** Approx 9400 lm

**Power Consumption:** Approx 100Watts

**\*24V\* IP65 RATED LOW VOLTAGE 50w FLOOD LIGHT – SPARKELEC SFL50W-24V**

**APPLICATION** - CONSTRUCTION SITES

**Construction** - PC + Aluminium

**Mounting** - Chain Suspension or Surface mount (brackets supplied for surface mounting – no need to open luminaire)

The purpose of a 24V temporary lighting system is to provide the contractor a safe and flexible solution when installing and moving temporary lighting systems on construction sites to meet the requirements outlined in AS/NZS 3012.

Egress routes and work areas often change on construction sites and therefore the lighting systems must move with the ever-changing site.

**Weatherproof Rating** IP65

**LED Driver:** 24v CONSTANT Voltage (**Sold Separately**) - Recommended Meanwell HLG-240H-24V A,B or AB VERSION

**Colour Temperature** Between 6000-6500K

**Operating Voltage:** 24V DC

**Total Lumen Output:** Approx 4700 lm

**Power Consumption:** Approx 50 Watts