

Installation Instructions

Paxx : S-PXX-XX/CTS/_



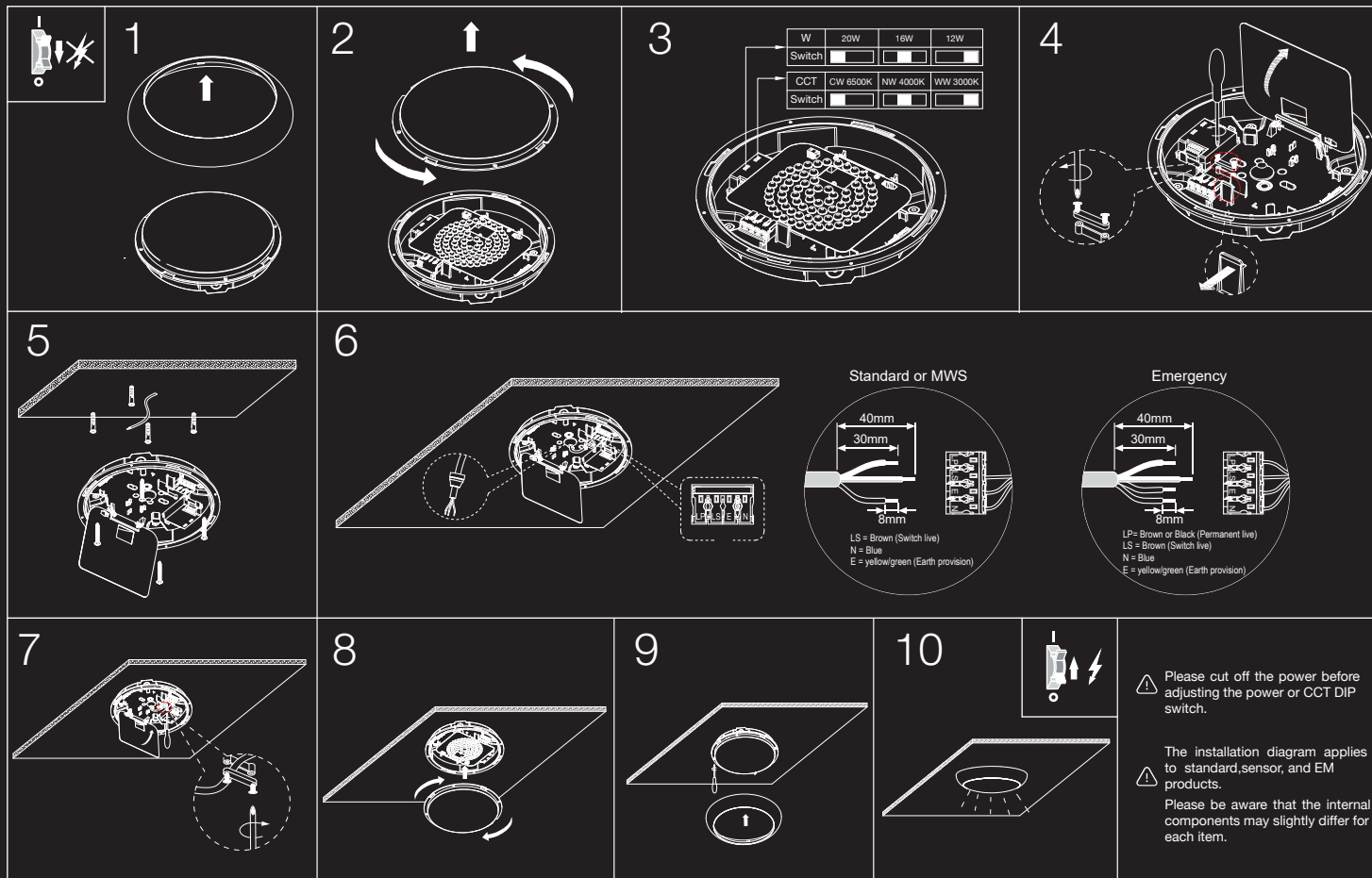
Safety Precautions.

- Power Isolation: Always disconnect the power supply before installing, removing, or servicing the product to prevent electric shock, injury, or damage.
- Qualified Installation: Luminaires should be installed by a certified electrician in accordance with current local wiring regulations.
- Damaged Components: Replace any broken or faulty parts promptly. Spectre Lighting cannot be held liable for issues resulting from poor installation practices.
- Ambient Temperature: Ensure the room temperature does not exceed 25°C during operation.
- Power Supply Compatibility: These products are intended for use with a mains supply of 220–240V~ at 50/60Hz.
- Inrush Current Consideration: You may need to upgrade your MCBs to accommodate higher inrush currents.
- Insulation Testing: Do not perform insulation resistance tests while the product is connected to the circuit.
- Preparation: Review all instructions thoroughly and confirm you have the necessary tools and accessories for proper installation.

5 yrs
Warranty

Spectre Lighting
Unit 8 Gemini 8 Business Park
Charon Way
Apollo Park
Warrington
WA5 7AE

www.spectre-lighting.com



Installation Instructions

Fig 1. Ensure power supply is isolated before proceeding with installation. Remove outer bezel.

Fig 2. Twist diffuser anti-clockwise and remove.

Fig 3. Set product to desired wattage / output and CCT using dip switches located on PCB gear tray.

Fig 4. Unhinge gear tray for base access
Loose the cable clamp.

Fig 5. Locate desired surface for recessed installation.
Feed through supply cable into base using adequate sealant to maintain IP65 rating.
Secure the base to the ceiling with expansion screws.

Fig 6. Connect supply cable to luminaire into push fit terminations ensuring correct polarity is observed.
These products are intended for use with a mains supply of 220-240V~ at 50/60Hz.

Fig 7. Once supply cable is in position, secure and fix supply cables into position using cable clamp inside terminal housing.

Fig 8. Reattach front diffuser and add security fixing screw.

Fig 9. Reattached front bezel.

Fig 10. Reinstall power supply

⚠ Please cut off the power before adjusting the power or CCT DIP switch.

⚠ The installation diagram applies to standard, sensor, and EM products.

⚠ Please be aware that the internal components may slightly differ for each item.

IP65



Instructions

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Specification

S-PXX-28/CTS/_

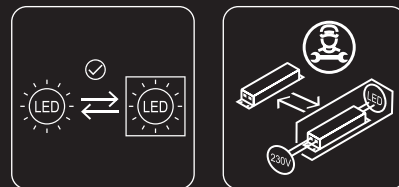
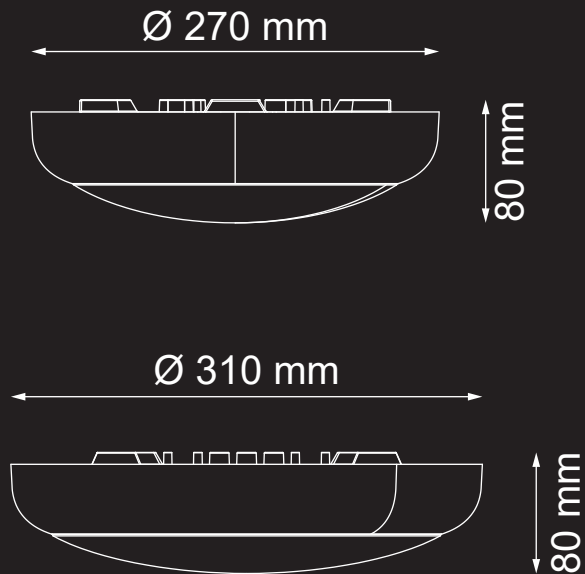
- 220-240V 50/60Hz
- CCT-3000K /4000K/6500K
- CRI80
- 8W/10W/12W
- 1000/1200/1450 Lumens - 120Lm/W
- Temp Range 25°C

Specification

S-PXX-38/CTS/_

- 220-240V 50/60Hz
- CCT-3000K /4000K/6500K
- CRI80
- 12W/16W/20W
- 1680/1920/2400 Lumens - 120Lm/W
- Temp Range 25°C

Inrush current I _{peak} (A)	18
Inrush current T _{width} (μ s)	180
B16	40PCS
C16	60PCS



⚠ Important Disposal Information for Waste Electrical & Electronic Equipment (WEEE)

Please be aware that Waste Electrical and Electronic Equipment (WEEE), identified by the crossed-out wheelee bin symbol, must NOT be disposed of with regular household waste.

We encourage you to support reuse, recycling, and responsible recovery by returning this product—once it reaches the end of its life—to an appropriate collection point. This may include a designated waste equipment centre, a civic amenity site, or the retailer where you originally purchased the item or are buying a replacement.

Improper disposal of this equipment may release substances that are harmful to both human health and the environment. To prevent this, it is essential that WEEE is separated from general waste and processed through approved recycling channels.

The crossed-out wheelee bin symbol serves as a reminder that this product requires special handling in accordance with local WEEE regulations.

IP65



Instructions

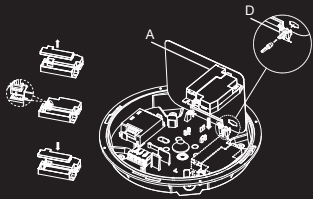
Paxx : S-PXX-XX/CTS/EM3



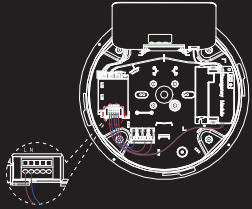
EM3 Instructions



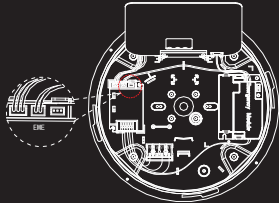
1a: Battery & Indicator installation



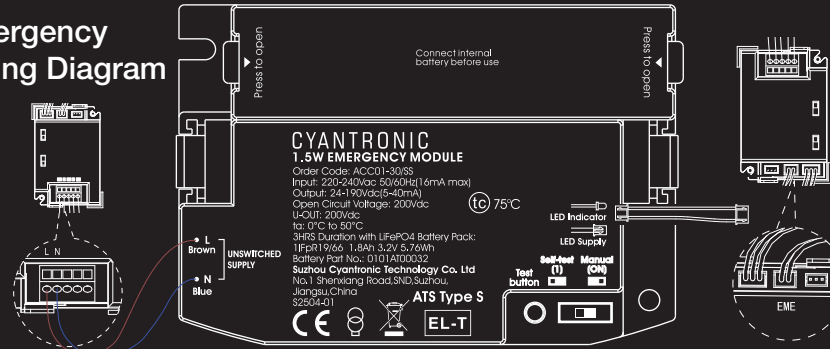
2a: Connect to Driver L/N
(For stand-alone emergency kit version)



3a: Connect to Driver EME connector
(For stand-alone emergency kit version)



Emergency Wiring Diagram



LED Indicator System status is locally indicated by a bi-coloured LED indicator.

LED indication	Description	Status	Manual Mode	Self-Test Mode
	Green Permanently On	System Healthy	✓	✓
	Permanently OFF	Emergency Mode: Mains failure or mains disconnected Battery disconnected	✓	✓ N/A
	Green Slow Flash (0.5s on-0.5s off)	Duration Test Pending	N/A	✓
	Green Medium Flash (0.25s on-0.25s off)	Duration Test Running	N/A	✓
	Green Fast Flash (0.125s on-0.125s off)	Functional Test Running	N/A	✓
	Red Permanently On	Battery Charging Fault	N/A	✓
	Red Medium Flash (0.25s on-0.25s off)	Battery Duration Fault	N/A	✓
	Red Fast Flash (0.125s on-0.125s off)	Lamp or Luminaire Fault	N/A	✓
	OFF 1s then Red Stay On 5s	26 Weeks Duration Test Interval	N/A	✓
	OFF 1s then Red Fast Flash 5s (0.125s on-0.125s off)	52 Weeks Duration Test Interval	N/A	✓

Functionality of the test button
The test button enables you to make a series of settings manually.

Description	Function	Manual Mode	Self-Test Mode
Hold down	Manual functional test	✓	N/A
Press 1-2s	Manual functional test	N/A	✓
Press 5-10s	Manual duration test	N/A	✓
Press <1s	Confirm the current duration test interval	N/A	✓
Double press <1s	Set the duration test interval	N/A	✓
Double press <1s during emergency mode	Rest mode activated	✓	✓

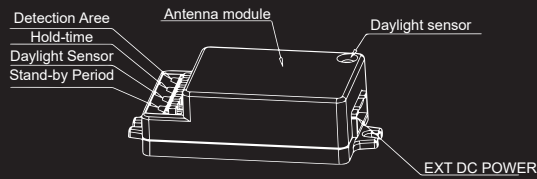


Installation Instructions

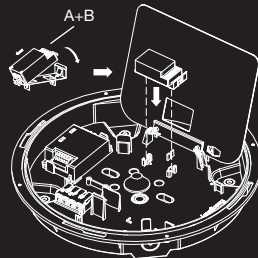
Paxx: S-PXX-XX/CTS/MS



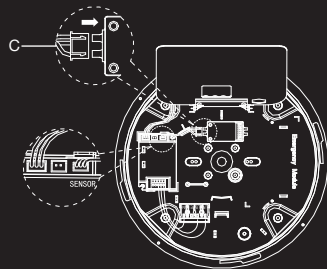
MS Instructions



1a: Install sensor bracket



2a. Connect to Driver sensor connector

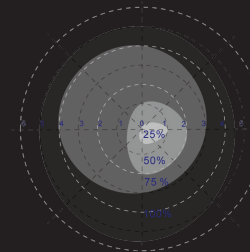


Sensor Default Setting:

1. Detection Area				2. Hold Time			3. Daylight Sensor				4. Stand-by Period			
	1	2			3	4		5	6			7	8	
I	ON	ON	100%	I	ON	ON	I	ON	ON	+∞	I	ON	ON	0S
II	-	ON	75%	II	-	ON	II	-	ON	50Lux	II	-	ON	30S
III	ON	-	50%	III	ON	-	III	ON	-	15Lux	III	ON	-	10min
IV	-	-	25%	IV	-	-	IV	-	-	5Lux	IV	-	-	+∞

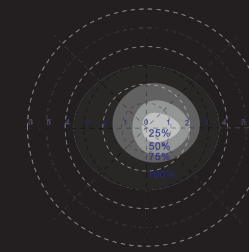
Ceiling Mounting:

Mounting height:3m
Detection area:100% / 75% / 50% / 25%



Moving speed:1m/s

Mounting height:3m
Detection area:100% / 75% / 50% / 25%



Moving speed:0.3m/s

Dip Switch Setting:

1. Detection Area 2. Hold Time 3. Daylight Sensor 4. Stand-by Period

	1	2			3	4			5	6			7	8	
I	ON	ON	100%	I	ON	ON	I	ON	ON	+∞	I	ON	ON	0S	
II	-	ON	75%	II	-	ON	II	-	ON	50Lux	II	-	ON	30S	
III	ON	-	50%	III	ON	-	III	ON	-	15Lux	III	ON	-	10min	
IV	-	-	25%	IV	-	-	IV	-	-	5Lux	IV	-	-	+∞	

Sensor Specification:

Operating Voltage:	220-240Vac	Mounting Height:	3m MAX.
Working Mode:	5V PWM	Hold Time:	5s/90s/3min/10min
HF System:	5.8 GHz ±75 MHz	Daylight Sensor:	5lux/15Lux/50Lux/Disable
Power Consumption:	0.2W (Stand-By)	Operating Temp:	-25~70°C
Detection Area (Radius):	6m MAX.	IP:	IP20
Stand-by DIM Level:	20%		

