

# Signa Mk2 Series

## LED Canopy

The Signa Mk2 Series is the professional solution for all lowbay lighting applications. The range combines the latest Elite 2835 LED chips with an ultra reliable Sosen driver solution, delivering a market-leading proposition. The luminaire produces an amazing 160 lumens per watt and boasts a 100,000 hour product life. With multiple mounting options and high ingress protection (IP65), the Signa is a dynamic solution for all lowbay applications including clean rooms, loading bays, freezers and food manufacturing areas.



### FEATURES AND BENEFITS

- Very high luminaire efficiency. 160 lumens per watt.
- Latest generation Elite 2835 LED chip solution delivers exceptional efficiency and lumen maintenance. Luminaire calculated L70 is 143,000 hours.
- Premium Sosen high power-factor driver. With inbuilt short circuit, over-temperature protection and high operating temperature tolerance. Includes 6kV surge protection.
- Premium PMMA diffuser. Will not discolour over time.
- Robust design for superb durability.
- Powder coated aluminium housing and heatsink.
- High ingress protection. IP65 rated.
- Ability to separate driver from housing. For improved thermal management and ease of maintenance.
- IP65 sensor solution available. Standby dimming and remote control functionality.
- Multiple mounting options, including surface mount.
- Optional microwave motion sensor.

### SPECIFICATIONS

Model	CPY-EC-MK2-065W-50	CPY-EC-MK2-095W-50	CPY-EC-MK2-150W-50
Power consumption	65W	95W	150W
Output	10,400 lm	15,200 lm	24,000 lm
Efficiency	160 lm/W		
Dimensions	280x280mm		382x382mm
Weight with driver	2.8kgs		5kgs
Weight with remote driver	2kgs		4kgs
Colour temperature	5000K		
Operating temperature	-30 to +50 degrees Celsius		
CRI	>70		
Beam angle	120°		
IP rating	IP65		
Lifetime rating	100,000 hours		
Warranty	Five years		
Source	MTO		

### INDUSTRIES



Industrial, education and retail.

### OLD LIGHT TECHNOLOGIES

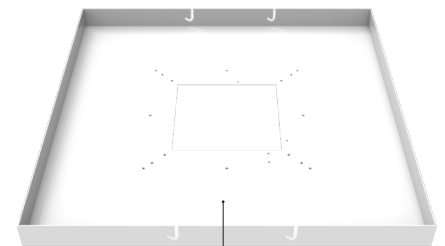


Metal halide and mercury vapour, and metal halide type 2.

### PRODUCT DETAIL



Latest generation premium Elite 2835 LED chips, ultra-high efficiency and long life.



Versatile design for surface mounted, recessed or suspended applications.

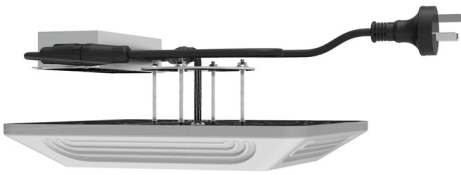
Ability to separate driver from housing.



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## Mounting options

### SANDWICH PANEL MOUNTED

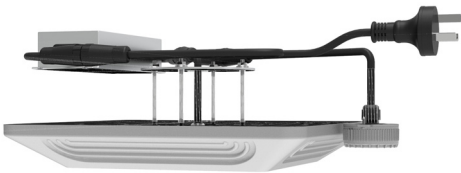


Sandwich panel mounted.



Optional mounting plate (CPY-EC-MP).

- Unit supplied with optional sandwich panel mounting bracket (CPY-EC-SWP-BRK).
- External driver housed in ceiling (optional mounting plate to cover any pre-existing marks or holes).



Sandwich panel mounted with optional sensor.



### SURFACE MOUNTED



- Surface mounted bracket attaches to both variants (280x280mm and 382x283mm), and includes space to house driver (CPY-EC-SMB).
- Dimensions are 560x560mm, 5.6kgs.

### RECESSED



- Customised brackets available to suit any recessed application.