

Features

- Adjustable 40 W maintained / 4 W emergency output
- Switched live input for mains switch / sensor
- Supports high quality lithium batteries (LiFePO₄)
- Switched live input for connection to mains sensor
- Compliant to Australian and international safety & performance standards



Selectable power

Single switch for 100 and 50% power outputs



Emergency upgrade

Upgrade any luminaire to emergency with a plug-in kit



Plug-in upgrades

Expand capability with PIR motion detection



Corridor mode

Supports comfort level and fade to off with sensor control



Product range

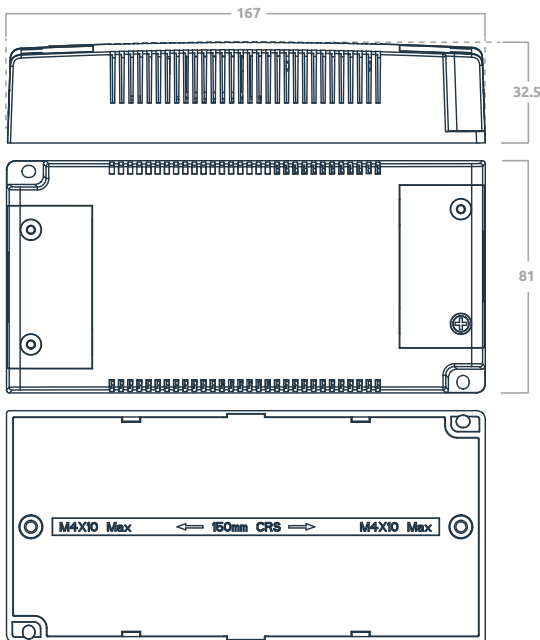
Order code	Description
zc-combo-40-em	LED 40 W emergency combo driver with strain relief
zc-combo-40	LED 40 W combo driver with strain relief
zc-combo-40-em-b	LED 40 W emergency combo driver built-in
zc-combo-40-b	LED 40 W combo driver built-in

Features

- Adjustable 40 W maintained and 4 W emergency output
- Mains rated switch / sensor inputs
- Supports high quality lithium batteries (LiFePO₄)
- Switched live input for connection to mains sensor
- Compliant to Australian and international safety & performance standards

Dimensions

Fixing centres	150 mm
Dimensions	W167 / H32.5 / D81 mm



Accessory range

Order code	Description
zc-batt-1000mah	1000 mAh, 2 cell, LiFePO ₄ battery
zc-batt-1500mah	1500 mAh, 2 cell, LiFePO ₄ battery
zc-batt-3000mah	3000 mAh, 2 cell, LiFePO ₄ battery
zc-combo-pir-5m	5 m combo plug-in PIR and lux sensor

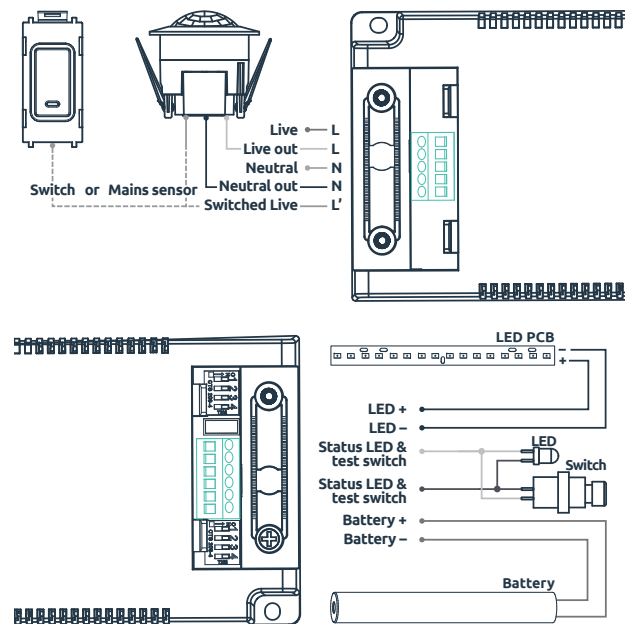
Specifications

Supply voltage	220 - 240V ~ 50 Hz	
Wiring	Push-terminal	
Material	PC body	
Operating temperature	0 to 50°C	
Classification	Class II	
Ingress protection	IP20	
Battery	Code	zc-batt-1000mah, zc-batt-1500mah, zc-batt-3000mah
	Type	LiFePO ₄
	Voltage	6.4 V
Charge	Type	Variable
	Time	16 hours
	Operation	Multi-state
Compliance standards	IEC 61347-1	
	IEC 61347-2-7	
	IEC 61347-2-13	
	AS/NZS 61347-1	
	AS/NZS 61347-2.13	
	AS/NZS 2293.3	
	CISPR 15	

Output power rating

Output voltage	20 - 50 V
Total	40 W
Emergency operation	Up to 45 W (see page 3)

Wiring diagram



Output current / power table

LED current	Max Voltage	■ On × Off			
		1	2	3	4
350 mA	50 V	×	×	×	×
450 mA	50 V	×	×	×	■
500 mA	50 V	×	×	■	×
590 mA	50 V	×	×	■	■
690 mA	50 V	×	■	×	×
770 mA	50 V	×	■	×	■
810 mA	53 V	×	■	■	×
880 mA	48 V	×	■	■	■
1030 mA	41 V	■	×	×	×
1090 mA	36 V	■	×	×	■
1110 mA	36 V	■	×	■	×
1170 mA	34 V	■	×	■	■
1240 mA	32 V	■	■	×	×
1290 mA	31 V	■	■	×	■
1310 mA	30 V	■	■	■	×
1360 mA	29 V	■	■	■	■

Emergency configuration*

LED current	Max Voltage	■ On × Off	
		1	2
53 mA	50 V	×	×
82 mA	50 V	■	×
114 mA	43 V	×	■
142 mA	35 V	■	■

Output settings

	■ On	× Off
Standby	3	4
10%	■	
0%	×	
LED Output		
100%		■
50%		×

Switched live operation

Mains present	Output at 100% or controlled by accessory plug if present
Mains not present	Output at standby level (0/10%)

Emergency duration* (hrs): 1500mAh

Emergency LED current	LED strip voltage																
	10 V	12.5 V	15 V	17.5 V	20 V	22.5 V	25 V	27.5 V	30 V	32.5 V	35 V	37.5 V	40 V	42.5 V	45 V	47.5 V	50 V
53 mA	7.98	6.81	5.94	5.26	4.73	4.29	3.93	3.62	3.36	3.13	2.93	2.76	2.6	2.46	2.34	2.23	2.13
82 mA	5.8	4.86	4.18	3.67	3.27	2.95	2.68	2.46	2.28	2.11	1.98	1.85	1.75	1.65	1.56	1.49	1.42
114 mA	4.45	3.69	3.15	2.75	2.44	2.19	1.99	1.82	1.68	1.56	1.45	1.36	-	-	-	-	-
142 mA	3.7	3.05	2.59	2.25	1.99	1.79	1.62	1.48	1.37	-	-	-	-	-	-	-	-

Emergency duration* (hrs): 3000mAh

Emergency LED current	LED strip voltage																
	10 V	12.5 V	15 V	17.5 V	20 V	22.5 V	25 V	27.5 V	30 V	32.5 V	35 V	37.5 V	40 V	42.5 V	45 V	47.5 V	50 V
53 mA	15.96	13.62	11.87	10.53	9.45	8.58	7.85	7.24	6.71	6.26	5.87	5.52	5.21	4.93	4.68	4.46	4.25
82 mA	11.59	9.71	8.36	7.34	6.54	5.89	5.37	4.93	4.55	4.23	3.95	3.71	3.49	3.3	3.13	2.97	2.83
114 mA	8.9	7.38	6.3	5.5	4.88	4.38	3.98	3.64	3.36	3.11	2.9	2.72	-	-	-	-	-
142 mA	7.4	6.1	5.18	4.51	3.99	3.58	3.24	2.96	2.73	-	-	-	-	-	-	-	-

Application suitability*

Teal	Suitable for use in 3 hour rated duration and 90 / 120 minute rated duration
Green	Suitable for use in 90 / 120minute rated duration
Yellow	May be suitable for use in 90 / 120 minute rated duration with validation
Grey	Product configuration unlikely to provide long term compliance with 90 / 120 minute rated duration

*Emergency models only (-em)