Features

- 40 W maintained and emergency output
- Mains rated switch / sensor inputs
- Average standby power consumption < 0.25 W
- Supports premium lithium batteries (LiFePO$_4$)
- Dual output channels for tunable white and long life fittings
- Compliant to Australian and international safety & performance standards
- 100,000 hr Design life

IEC62386 V2
IEC62386 V2 compliant and
DALI backwards compatible

Emergency upgrade
Upgrade any luminaire to
emergency with a plug-in kit

Plug-in upgrades
Expand capability with
presence, lux and IR models

Tunable white
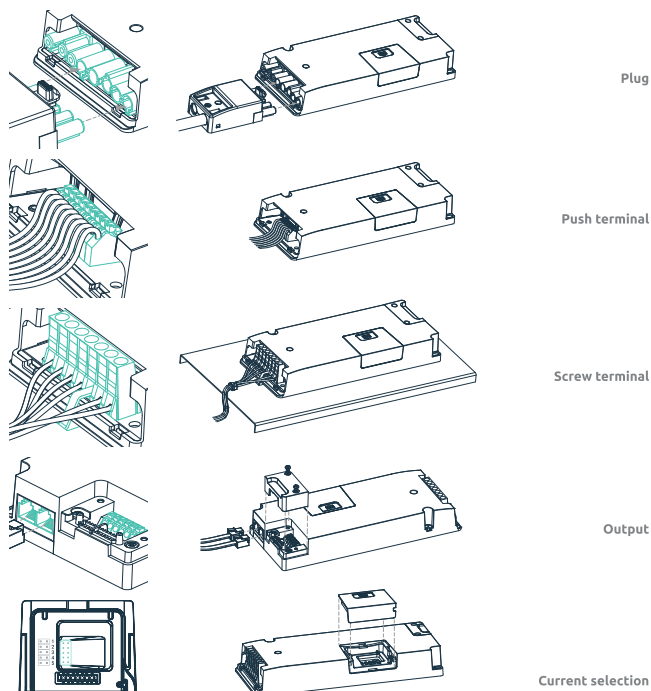Tunable white, dual output
channels support DT-8

Product range

Order code	Connector	Emergency duration	Smart sensor	Smart switch	Tunable white
zc-smart-driver-em-40-au	Plug	90 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-em-40	Plug	180 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-em-40-au-t	Screw	90 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-em-40-t	Screw	180 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-em-40-p	Push	180 min	Yes	Yes	Yes (DT-8)
zc-smart-driver-40	Plug	Non-EM	Yes	Yes	
zc-smart-driver-40-t	Screw	Non-EM	Yes	Yes	
zc-smart-driver-40-p	Push	Non-EM	Yes	Yes	
zc-driver-40	Plug	Non-EM			Yes
zc-driver-40-t	Screw	Non-EM			
zc-driver-40-p	Push	Non-EM			
zc-smart-driver-em-40-b	Plug	90 min	Yes	Yes	
zc-smart-driver-em-40-b-t	Screw	90 min	Yes	Yes	

Features

- Mains rated switch / sensor inputs
- 40 W driver and 6 W emergency output
- Average standby power consumption < 0.25 W
- Supports premium lithium batteries (LiFePO$_4$)
- Dual output channels for tunable white and long life fittings
- Compliant to Australian and international safety & performance standards
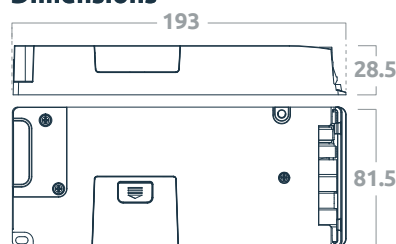- 100,000 hr Design life

Wiring diagram

Plug

Push terminal

Screw terminal

Output

Current selection

Specifications

Supply voltage	220 - 240V ~ 50 Hz
Control system	DALI / DALI-2
Wiring	Soft-wiring, screw or push-terminal
Material	PC body
Operating temperature	0 to 55°C
Classification	Class II
Ingress protection	IP20
Duration	90 / 180 min (dependent on model)
Battery	Type	LiFePO$_4$
	Temperature	60°C
	Input/ output voltage	4.5 - 7.5 V
	Input current	0 - 1.75 A
	Output current	0 - 300 mA
Charge	Type	Smart
	Time	16 hours
	Operation	Multi-state
Output power rating	Output voltage	9 - 39 V
	Total	40 W
	Per channel	0 - 40 W
	Emergency operation	Dependent on model
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
Automatic test facility	Automatic and self test facility operates per the requirements of IEC62386-202

Emergency specifications

Models	Duration	Battery	Emergency power	Battery supply current at 6.4V
zc-smart-driver-em-40-au zc-smart-driver-em-40-au-t zc-smart-driver-em-40-b zc-smart-driver-em-40-b-t	90 min	3000mAh **OR** 1500mAh	3500mW **OR** 1500mW	TBD
zc-smart-driver-em-40 zc-smart-driver-em-40-t zc-smart-driver-em-40-p	180 min	3000mAh **OR** 1500mAh	1500mW **OR** 1000mW	TBD

Dimensions

193 / 28.5 / 81.5 mm
Fixing centres 150 mm

Accessories range

Order code	Description
zc-smart-spot	Plug-in Smart spot, emergency luminaire
zc-em-kit	Plug-in Smart emergency, Status LED and test switch assembly
zc-pir-5m-p	Plug-in Smart sensor, PIR and lux, 5 m
zc-pir-8m-p	Plug-in Smart sensor, PIR and lux, 8 m
zc-smart-exit-150	Plug-in Smart exit, with 300 × 150 mm decal
zc-smart-exit-100	Plug-in Smart exit, with 200 × 100 mm decal
zc-wifi	Clip-in Wireless daughterboard upgrade
zc-batt-1500mah	1500mAh, 2 cell, LiFePO4 battery
zc-plug-3w	Male accessory plug for zc-driver-40
zc-plug-female-d5w	DALI keyed female plug for zc-driver-40