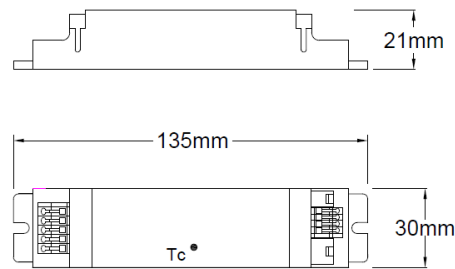


Technical Specification

ADM/1

DALI-2 Self-Test Driver



Fixing Centres 129mm

The ADM/1 DALI-2 Certified Self-Test emergency control gear is supplied as a maintained/non-maintained emergency driver for integral mounting within a luminaire.

- Suitable for Integral Mounting Applications
- Deep Discharge Protection
- 700mA Constant Current Output
- Extra Long Life LiFePO₄ Batteries
- Can be Used for Night Light Purposes
- Can be Supplied with Emergency LED
- Fully DALI Compliant (IEC 62386-202)
- Switchable Maintained
- DALI-2 Certified Device
- Module TM65.2 Rating - 3.34kg CO₂e
- Battery TM65.2 Rating - 1.02kg CO₂e

A switchable maintained 3 hour emergency lighting driver that operates at 700mA in both emergency and mains operation. This unit primarily is designed as your emergency lighting driver, but can also be used for night lighting purposes via a separate timer switch, where required. The batteries used with this unit not only offer double the life of traditional emergency lighting batteries, but consume far less power during their operation. This module will power a single 3W (4V Max) LED chip. The charger will cut-off if the T_c of the battery falls below 0 degrees C or above 55 degrees C. The product will however operate when required in emergency, should there be enough capacity remaining in the battery.

Order Code

ADM/1-K

Module, Battery and Charge LED with Mounting Collar

The battery supplied is a 3.2V 3.8Ah LiFePO₄ in stick formation

In keeping with the DALI standard, this unit will revert to standalone self-test when commissioned without the presence of a DALI system.

Technical Details:

Mains Supply	230-240V AC 50/60 Hz	Max Ta and Tc	Ta = 50 °C & Tc = 70 °C
Power (Standby) *	0.26W 8mA λ = 0.14	Battery Temperature Parameters	0°C to 55 °C
Power (Charging - Maintained) *	5W 28mA λ = 0.74	Battery Discharge Current	900mA nominal
Recharge Period	24-Hours	Discharge Voltage Limit	2.5 Volts
Battery Size & Type	3.2V 3.8Ah LiFePO ₄	Battery Type	IFP27/67
Mains Input	0.5mm ² - 1.5 mm ²	Charge Current	225mA Nominal
Bus Current Consumption	1.46mA	Battery Fixing Centres	80mm x M4
Module Weight	0.10Kg	Module Dimensions (LxWxH)	135mm x 30mm x 21mm
Battery Weight	0.11Kg	Battery Dimensions (LxWxH)	90mm x 24mm x 28mm

* Following an initial charge, the ADM/1 will spend 90% of its operational life in its standby state

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