



# EMEGY

DALI Emergency Lighting

# Emergency Spot Surface Mount (SQ)



The EMEGY emergency spot light is a premium solution, with high intensity LED chips creating a class leading output with a D80 spacing classification.

A custom heatsink design and Poweroid battery technology, with an advanced battery management system, ensures years of consistent performance and trouble free use.

DALI2 certified to ensure compatibility with any DALI2 certified control system, for automated scheduling of tests and monitoring.



DALI2 Certified



Wireless Option

**BMS**

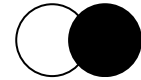
Advanced Battery Management System



D80 Spacing



IP20 Protection



White or Black



Optional 10 Year Onsite Warranty\*\*

## Technical Specifications

### Function

Luminaire Type:	Self contained
Operation Mode:	Non-maintained
Test Facility:	DALI

### Input

Power Supply:	220-240VAC 50HZ
Power:	3W max
Surge Protection:	1KV

### Output

Emergency Power:	2.5W
Lumen Output:	370 lumens
Illuminance Class:	D80

### Certification

AS/NZS 60598-1, AS/NZS 60598-2-22, AS/NZS 2293.1, AS/NZS 2293.3, AS CISPR 15:2017, DALI-2



### Battery

Type:	LiFePO4 6.4V 2000mAh
Charge Duration:	16h
Discharge:	90mins

### LED

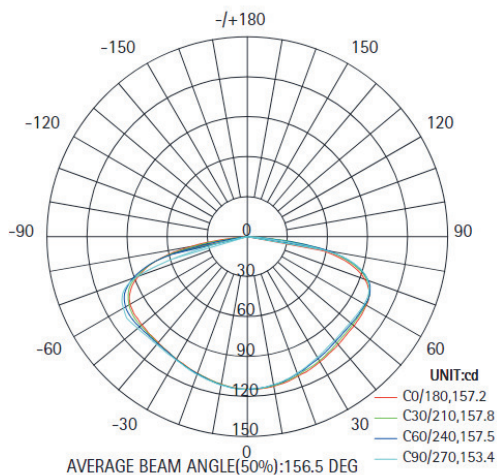
Brand:	Lumileds
CCT:	5700K

### Body

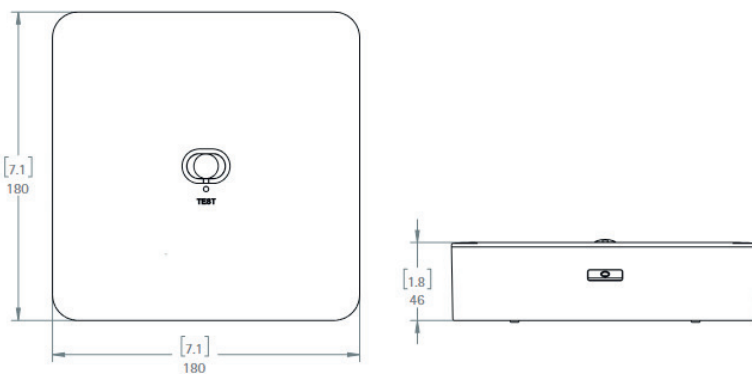
Mounting	Surface Mount
Class:	Class - II
IP Rating:	IP20
IK Rating:	IK06
Operating Temp:	0 - 50°C
Material:	PC Housing Aluminium Heatsink

\*\* Optional 10 year onsite warranty available with ongoing service agreement

## Photometrics



## Dimensions



## Typical Spacing

As per AS/NZS 2293.1

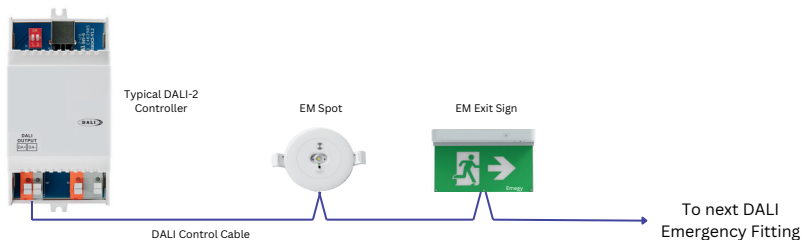
Mounting Heights (m)

Class	2.4	2.7	3.0	3.3	3.6	4.0	4.5	5.0	6.0	7.0	8.0	9.0	10
D80	13.2	14.8	16.5	18.1	19.8	22	24.7	27.5	28.9	30	30.9	31.5	32.1

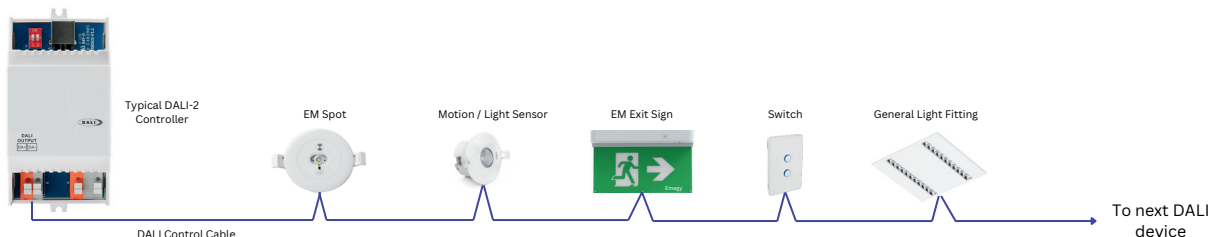
Distance (m)

## Example of use

### Controller with only emergency fittings



### Controller with general lighting, lighting control & emergency lighting as one system



## Ordering Information

Part Number	Description
EM-SD2OSW-SQ	Spot light DALI-2 Surface Mount White SQ
EM-SD2OSB-SQ	Spot light DALI-2 Surface Mount Black SQ
LL-D+KIT	DALI+ Wireless Kit

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