

SPRE203 RANGE

Emergency LED Downlighter



Product:	SPRE203		
Description:	Surface ceiling mounted emergency down-lighter.		
Standards:	<ul style="list-style-type: none"> ● EN60598-1 ● EN60598-2-22 ● EN55015 ● EN50082-1 ● EN60555-2 ● CE marked 		
Specification:	Total weight:	1Kg.	
	Mounting position:	Surface ceiling.	
	Lamp:	Osram Oslon LED.	
	Voltage / current:	Dependent upon gear. See table.	
	DALI versions:	Dedicated DALI interface for customer controlled monitoring & reporting. Also, stand-alone automatic testing in accordance with IEC62034 if not connected to a DALI system.	
	Autotest versions:	Stand-alone automatic testing in accordance with IEC62034.	
	Operating temp:	Min 0°C / Max 25°C.	
	IP rating:	IP30.	
	Luminous flux:	150 lm.	

Part numbers explained: SPRE203-AA-B where: 'AA' designates the gear type. See table for options & codes.
'B' designates the cover finish. See table for options & codes.

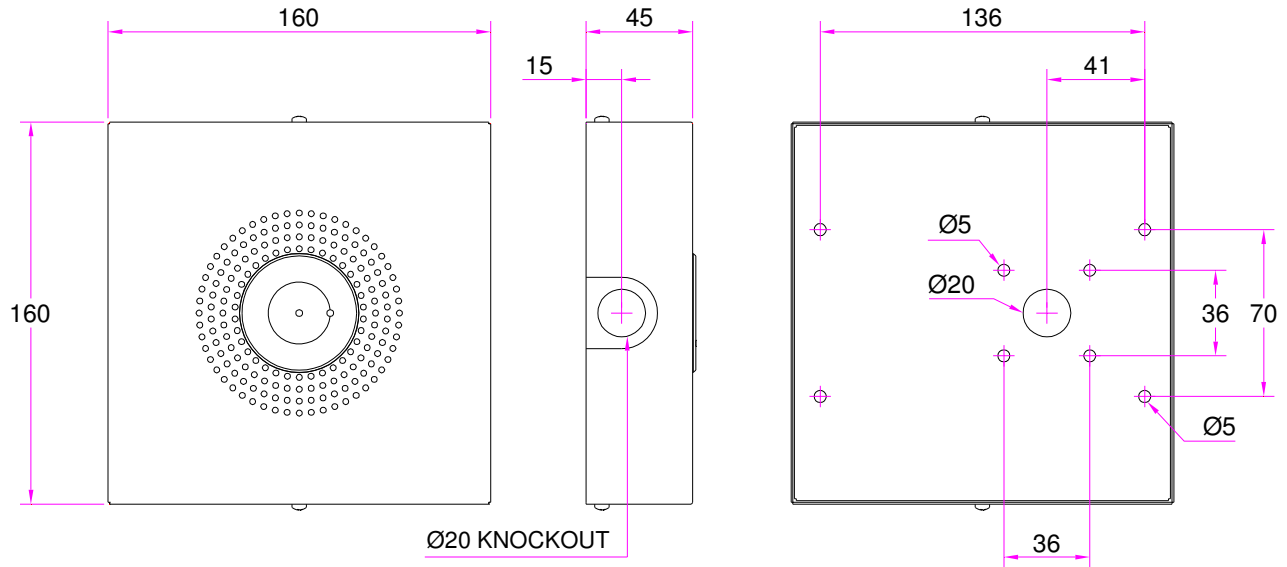
Gear options

'AA' Code	Gear / Operation	Supply Current*
DL	220-240V AC 50/60Hz emergency module with DALI interface & self-contained 3 hour NiMH battery pack. Maintained or Non-maintained operation.	<100mA
DS	220-240V AC 50/60Hz emergency module with DALI interface & self-contained 3 hour NiMH battery pack. Non-maintained operation.	<100mA
LA	220-240V AC 50/60Hz LED driver for use with central battery / static inverter.	<100mA
LM	220-240V AC 50/60Hz emergency module with self-contained 3 hour NiMH battery pack. Maintained or Non-maintained operation.	<100mA
LN	220-240V AC 50/60Hz emergency module with self-contained 3 hour NiMH battery pack. Non-maintained operation.	<100mA
LR	93-256V DC/AC 50Hz LED driver with 230V AC \pm 10% 50Hz hold off relay for use with central battery / static inverter.	<100mA @ 230V AC
PL	230V AC \pm 10% 50/60Hz emergency module with 2 x normally closed potential free contacts & self-contained 3 hour NiMH battery pack. Maintained or Non-maintained operation.	<100mA
PS	230V AC \pm 10% 50/60Hz emergency module with 2 x normally closed potential free contacts & self-contained 3 hour NiMH battery pack. Non-maintained operation.	<100mA
YL	220-240V AC 50/60Hz Autotest emergency module with self-contained 3 hour NiMH battery pack. Maintained or Non-maintained operation.	<100mA
YS	220-240V AC 50/60Hz Autotest emergency module with self-contained 3 hour NiMH battery pack. Non-maintained operation.	<100mA

*Supply current during normal luminaire operation, after inrush current on start up.

Cover finish options

'B' Code	Finish	'B' Code	Finish
B	Brass. Polished & Lacquered.	K	Black RAL9005.
C	Polished Chrome.	R	Satin chrome.
D	Brass made antique.	V	Old penny bronze.
G	Grey RAL9006.	W	White RAL9010.
		Z	Special finish (customer specification).



Luminaire Spacing's

Ceiling Height					
2m Wide Escape Routes					
2.0 m	3.2 m	8.5 m	8.5 m	8.5 m	3.2 m
3.0 m	3.3 m	9.4 m	9.4 m	9.4 m	3.3 m
4.0 m	3.1 m	9.6 m	9.6 m	9.6 m	3.1 m
5.0 m	2.8 m	9.5 m	9.5 m	9.5 m	2.8 m
6.0 m	1.9 m	8.7 m	8.7 m	8.7 m	1.9 m
7.0 m	0.6 m	6.4 m	6.4 m	6.4 m	0.6 m
8.0 m	0.4 m	3.6 m	3.6 m	3.6 m	0.4 m
Open Areas					
2.0 m	3.5 m	8.1 m	8.1 m	8.1 m	3.5 m
3.0 m	3.5 m	10.4 m	10.4 m	10.4 m	3.5 m
4.0 m	3.3 m	12.0 m	12.0 m	12.0 m	3.3 m
5.0 m	3.0 m	12.7 m	12.7 m	12.7 m	3.0 m
6.0 m	2.8 m	13.0 m	13.0 m	13.0 m	2.8 m
7.0 m	2.6 m	12.8 m	12.8 m	12.8 m	2.6 m
8.0 m	2.3 m	12.3 m	12.3 m	12.3 m	2.3 m

The spacing table is based on the following parameters:

- Maintenance factor = 0.80.
- Escape route illuminance on centre line = minimum 1.0 lx.
- Escape route illuminance on half of escape route width = minimum 0.5 lx.
- Escape route ratio of minimum to maximum illuminance on the centre line = maximum 40:1.
- Open area illuminance of empty core area, excluding a 0.5m border around the perimeter = minimum 0.5 lx.
- Open area ratio of minimum to maximum illuminance of empty core area, excluding a 0.5m border around the perimeter = maximum 40:1.

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ISO 9001
FM55077

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