



SPRT404 RANGE

Emergency LED Downlighter

Product: SPRT404

Description: Surface ceiling mounted emergency LED downlighter with twin LEDs. 3 Hour non-maintained.

- Standards:**
- EN60598-1
 - EN60598-2-22
 - EN55015
 - EN61547
 - EN61000-3-2
 - CE marked

Specification:

Total weight: Approx. 1 Kg.

Mounting position: Surface ceiling.

Lamp: 2 x Luxeon Rebel ES 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.

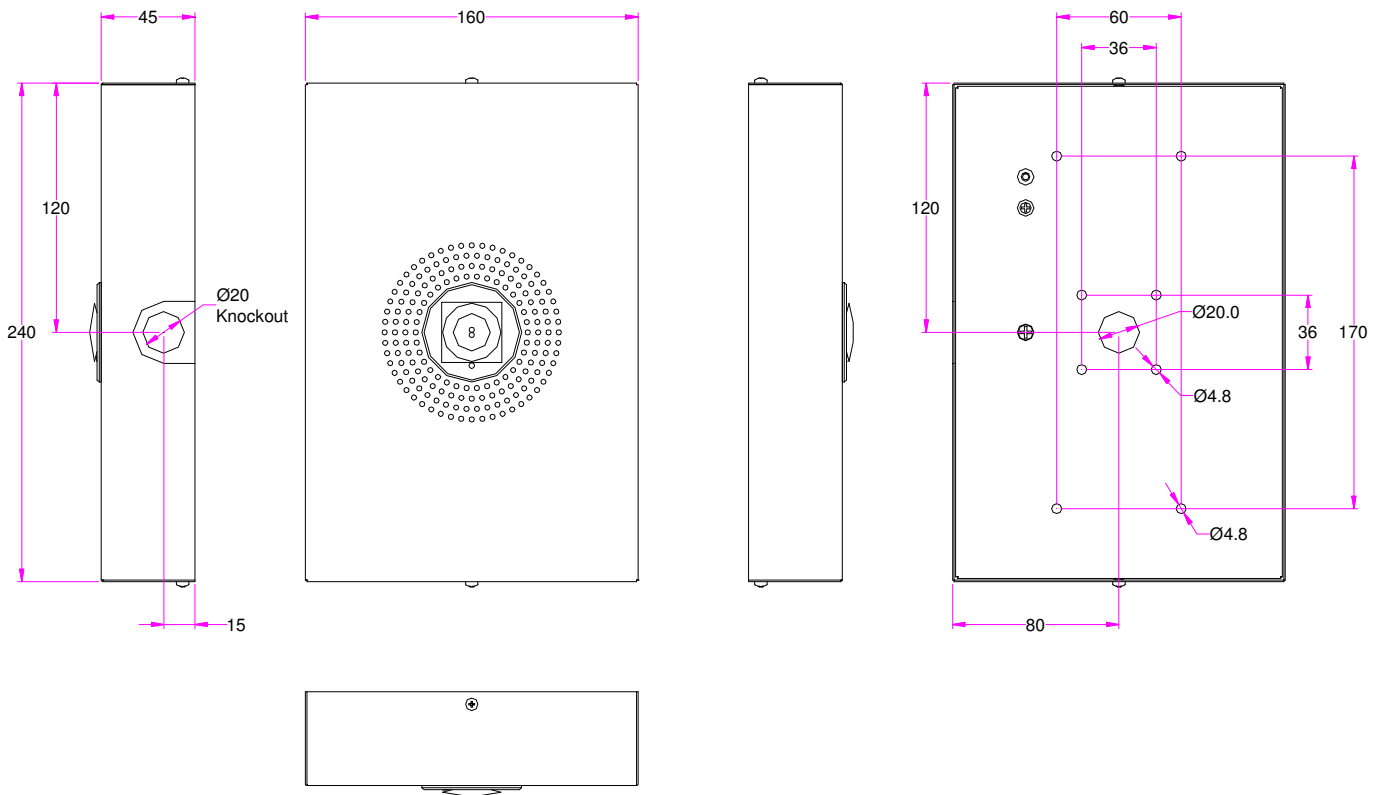
Autotest versions: Stand-alone automatic testing in accordance with IEC62034.

Operating Temp: Min 0°C / Max 25°C.

IP Rating: IP30.

Luminous Flux: 280 lm.

Part numbers explained: SPRT404-AA-B where: 'AA' designates the gear type. See table for options & codes.
'B' designates the finish. See table for options & codes.



Gear Options

'AA' Code	Gear / Operation	Supply Current*
DS	230V AC \pm 10% 50/60Hz emergency module with DALI interface & self-contained 3 hour NiMH battery pack. Non-maintained operation.	<100mA
LN	230V AC \pm 10% 50/60Hz emergency module with self-contained 3 hour NiMH battery pack. Non-maintained operation.	<100mA
YS	230V AC \pm 10% 50/60Hz Autotest emergency module with self-contained 3 hour NiMH battery pack. Non-maintained operation.	<100mA
DA	220-240V DC/AC 50/60Hz LED driver with DALI interface for use with central battery / static inverter systems.	<100mA
LA	100-264V AC 50/60Hz / 176-264V DC LED driver for use with central battery / static inverter systems.	<100mA

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

Finish Options

'B' Code	Finish
G	Grey RAL9006.
K	Black RAL9005.
W	White RAL9010.
Z	Special finish. Customer to specify on order.

Luminaire Spacing's (based on a 0.80 Maintenance factor)

Ceiling Height					
NFPA 101 Escape Routes 0.71m Wide Escape route average illuminance = minimum 10.8 lx. Escape route illuminance at any point = minimum 1.1 lx. Escape route ratio of minimum to maximum illuminance = maximum 40 : 1.					
2.5m	2.5m	5.4m	6.3m	6.8m	3.2m
3.0m	1.6m	4.4m	5.6m	6.8m	3.0m
3.5m	0.7m	3.8m	4.8m	5.8m	1.7m
4.0m	-	2.8m	3.8m	4.8m	-
BS5266-1:2011 Escape Routes 2m Wide 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.					
2.5m	3.1m	6.6m	6.7m	6.9m	3.3m
3.0m	3.5m	7.6m	7.8m	8.0m	3.7m
3.5m	3.9m	8.6m	8.8m	9.1m	4.2m
4.0m	4.2m	9.4m	9.7m	10m	4.5m
BS5266-1:2011 Open Areas 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.					
2.5m	2.9m	5.6m	5.6m	5.6m	2.9m
3.0m	3.3m	6.6m	6.6m	6.6m	3.3m
3.5m	3.6m	7.4m	7.4m	7.4m	3.6m
4.0m	3.9m	8.1m	8.1m	8.1m	3.9m

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