



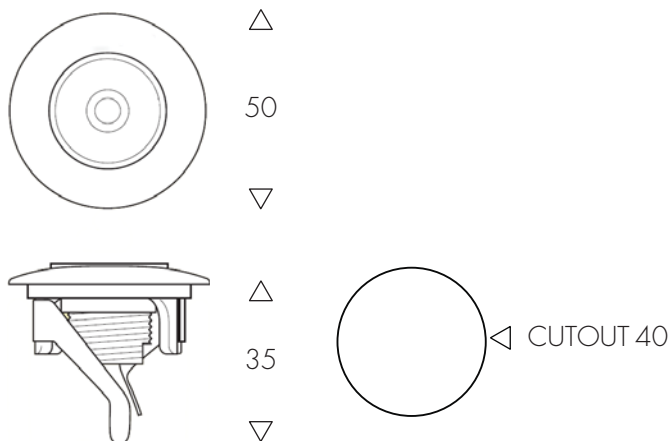
Emstar - LED

The Emstar - LED is a simple solution to the requirements for emergency lighting in non-residential buildings. The Emstar is ideal for the standby emergency lighting function – DC operation, long life, low power, and precise area coverage are all suited to LED technology. The LED is a 6000k 1w Luxeon driven off a small remote driver that will fit through the 40mm cut-out. The battery is 3 cell 3.6v NiMH battery which is more environmentally sustainable than the standard NiCad battery. The bezel is powder coated aluminium with an operational indicator light. With the growing prevalence of issues surrounding the life of low mercury fluorescent lamps running in emergency mode, the Emstar is proving a smart option.

- Easy fit plugs
- Kit fits through 40mm cut-out
- NiMH battery
- Maintained/non-maintained



EMS



Technical Details
EMS

Finish	White/Silver
Battery	2.1Ah 3 Cell 3.6V NiMH triangular pack
Trickle Charge Current	100mA
Load	LED/20/110/L1 c/w 1W Luxeon
Output Current	350mA
Ballast Lumen Output	100%
Emergency Duration	3 Hours
Discharge Current	500mA
Cut off Voltage	2.7V
Recharge Time	24 Hours
Tc Max Case Temperature	70* C module/50* C battery
Supply Voltage	230/240V 50/60Hz
Operation Mode	Switchable maintained/non maintained
Emitter Luminous Flux	32 Lumen (minimum)*
Colour Temperature	>6000k

Product	Available Options	Beam Angle °	Power	Weight	Height	Diameter	Cutout
EMS	-S, -W	110	1x1w	0.29kg	35	50	40

Options
Code Suffix

Silver	-S
White	-W

Spacing Table (0.2 lux*)

Mounting Height (m)	Wall to Fitting / Emstar	Fitting / Emstar Fitting / Emstar
2.0m	2.8m	6.0m
2.5m	3.2m	7.0m
3.0m	3.6m	7.9m
4.0m	4.1m	9.6m
5.0m	4.5m	10.8m

Spacing Table (1 lux*)

Mounting Height (m)	Wall to Fitting / Emstar	Fitting / Emstar Fitting / Emstar
2.0m	2.0m	4.5m
2.5m	-	4.1m
3.0m	-	3.2m
4.0m	-	-
5.0m	-	-

* Based on minimum light intensity centre line