Alpha 1

White 890

Black finish

White finish

L70 36,000

LiFePO4

PRODUCT DESCRIPTION

The ALPHA 1 is a discrete emergency LED which is designed for ceiling recess applications. The bezel has a diameter of 50mm and the cut out required is 40mm to 43mm.

The main LED can be driven up to 700mA and provides up to 268 lumen. and comes equipped with the latest long-life lithium iron phosphate (LiFePO4) battery packs. Featuring plug-and-play capability with integrated strain relief, it is ideal for recessing into ceiling voids, offering a complete emergency lighting solution.

The body also features a Design Protected, Halo effect bicolour LED; green for charge healthy and red for fault indication of self-test functionality. Bezels are offered in white (RAL9016) and black (RAL9005), with white as the default unless otherwise specified.

PRODUCT DATA

ALPHA 1			
Product code	Circuit Watts (w)	Colour Temp	Em Lumens
Open Area - 135 ° Beam Angle			
890.268	2.5	6000	268
Corridor - 115° x 155° Elliptical Lens			
892.266	2.5	6000	268

SPACING TABLE

890.268 OPEN AREA				
0.5 LUX			1 LUX	
Mounting Height	Centre to End	Centre to centre	Centre to End	Centre to Centre
2.5m	5.4m	12.6m	4.5m	10.7m
3.0m	5.9m	14m	4.7m	11.7m
4.0m	6.6m	16.2m		13.2m
5.0m	0.3m	17.8m		0.7m
6.0m		19m		

892.266 CORRIDOR				
0.5 LUX			1 LUX	
Mounting Height	Centre to End	Centre to centre	Centre to End	Centre to Centre
2.5m	9.9m	22.3m	8.1m	19.7m
3.0m	10.7m	25.4m	8.4m	21.5m
4.0m	11.8m	29.5m	0.4m	23.5m
5.0m	11.5m	32.2m		22.9m
6.0m		33.5m		

PRODUCT OPTIONS

ST Emergency Self Test suffix .EMST3

+EM Emergency Dali suffix .EMD3

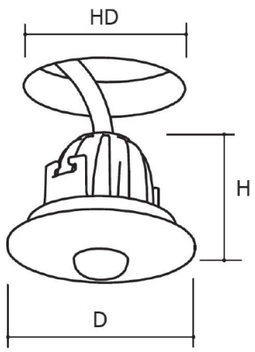
B Black Finish suffix .B

FEATURES

IP54 Ingress Protection

6500k Colour Temperature

DIMENSIONS



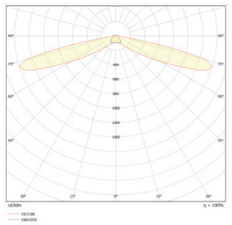
	mm
H	50
D	50
HD - cut out	43
KG	0.34

LED PERFORMANCE

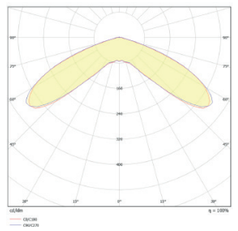
25° Ambient Temperature	L70/B50
ALPHA 1	36,000

'L' Value = % of initial Lumens maintained after specified time
'B' Value = % of fittings failing to meet operational expectations after specified time

PHOTOMETRIC PERFORMANCE



CORRIDOR:
- ALPHA 892
- Output - 266
- LOR = 100%



OPEN AREA:
- ALPHA 890
- Output - 268
- LOR = 100%