



- IP65 Ingress Protection
- 310 Delivered Lumen in Mains Operation
- 288 Delivered Lumen in Emergency Operation
- Hinged Geartray for Simple Installation
- Fresnell Diffuser
- DALI Self-Test Operation
- Photometrically Tested by Lux TSI
- Extra Long Life LiFePO4 Batteries

The FRS/3/DA is a high output emergency LED bulkhead which is designed for high ceiling applications.

The high output LED strip use in this fitting provides 310 lumen after the diffuser in mains and 288 lumen after the diffuser in emergency operation. If not connected to a DALI system, this fitting will revert to standalone self-test operation.

Order Codes

FRS/3/NM3/DA Non-Maintained DALI Self-Test Bulkhead

FRS/3/M3/DA Switchable Maintained DALI Self-Test Bulkhead

Spacing Table:

Mounting Height	Axial to Wall		Axial to Axial		Transverse to Axial		Transv. to Transv.		Transverse to Wall	
	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux	0.5 Lux	1.0 Lux
2.5m	2.9m	2.3m	9.7m	7.0m	10.9m	8.5m	13.2m	11.2m	5.6m	4.5m
3.0m	3.0m	2.5m	8.3m	6.0m	11.4m	9.1m	14.5m	12.2m	6.1m	4.6m
4.0m	3.4m	2.5m	8.4m	6.8m	12.6m	9.9m	16.7m	13.0m	6.5m	4.8m
5.0m	3.6m	2.4m	9.0m	7.1m	13.4m	10.3m	17.9m	13.4m	6.7m	4.3m
6.0m	3.6m	1.5m	9.8m	7.2m	14.2m	10.3m	18.6m	13.4m	6.7m	2.6m
8.0m	2.7m	-	10.1m	5.3m	14.7m	7.2m	19.2m	9.1m	4.5m	-

Technical Details:

Input Voltage	230-240 Volts 50/60Hz	Output in Mains	310 Delivered Lumen
Power Rating	40mA $\lambda = 0.60$	Output in emergency	288 Delivered Lumen
Power Rating (non-maintained)	16mA $\lambda = 0.48$	Battery Type	9.6V 1.5Ah LiFePO4
Light Source	18No. 6x5mm Cool White	Mains Input Terminal	0.5mm x 2.5mm Cable
Beam Angle	125° x 117°	Ingress Protection	IP65
Light Source Colour Temperature	4000K	Dimensions	370mm x 140mm x 89mm
Ta	25°	Weight	1.6Kg
Recharge Time	24 Hours	Emergency Duration	3 Hours