

Marsden LED Luminaire

- **Best in Class Performance, Wide Spacing Distribution (reduces installation cost)**
- **Available in Maintained, Non Maintained, Self Contained and Selftest Emergency Luminaires**
- **Compatible with Protec DigiLite® DL500 MKII Automatic Addressable Testing System**
- **Reduces Maintenance Cost (60,000 hour life LED's)**
- **Manufactured to the Latest EN60598-2.22**



The Protec Marsden luminaire is a stylish unobtrusive recess mounted luminaire suitable for use in most ceiling constructions especially suspended ceiling applications.

The Marsden combines the long life and low maintenance benefits of LED technology with energy efficient operation. For best in class performance , the Marsden has a superior light distribution to maximise luminaire spacing and reduces installation cost by reducing the quantity of units required to achieve the latest European illumination requirements. The body of the luminaire is constructed from sheet steel with a flush surround finished in a durable white epoxy powder coating. The slim clear prismatic diffuser is vacuum formed from polycarbonate.

Installation is simple into either solid or suspended ceilings due to innovative fixing arms that allow the fitting to pass easily into mounting aperture on solid ceilings.

Order Codes

Self Contained

- **MS/LED/NM3**
Marsden LED Non-Maintained 3hrs
- **MS/LED/M3**
Marsden LED Maintained 3hrs

Self Test Self Contained

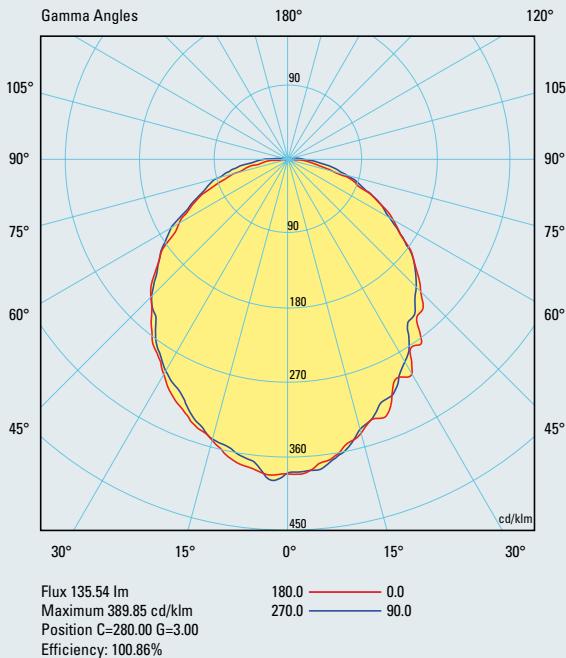
- **ST/MS/LED/NM3**
Marsden Self Test LED Non-Maintained 3hrs
- **ST/MS/LED/M3**
Marsden Self Test LED Maintained 3hrs

DigiLite Self Contained

- **DL/MS/LED/NM3**
Addressable Marsden LED Non-Maintained 3hrs
- **DL/MS/LED/M3**
Addressable Marsden LED Maintained 3hrs

Technical Specification

Polar Diagram



Technical Specification:

Environment	0°C to 55°C (non condensing), 0 to 93% R.H. (non condensing)
Ingress Protection	IP20
Weight	2.54kg
Supply Voltage	230 Volts AC -15%, +10%, 50/60 Hz
Input Power Rating	3.19 W
Lumen Output	135 Lumens
Light Source	LED, Cool White, CCT(K):6500 , CRI(%):85
Emergency Duration	3 hours
Battery Types	3.6 V Nickel Metal Hydride
Recharge Time	24 Hours
Relevant Standard	EN60598-2-22
Dimensions (mm)	365(L) x 161(H) x 97*(D) *including back box

Photometric Table

Escape route 2m wide 1 Lux minimum							Open (anti-panic) area 0.5 Lux minimum			
Mode	Mounting Height (m)	Lux Level Directly Under	Diagram 1	Diagram 2	Diagram 3	Diagram 4	Diagram 5	Diagram 6	Diagram 7	Diagram 8
NM	2.5	8.24	3.14	7.96	8.04	3.14	3.3	8.37	8.36	3.3
	3	5.72	3.25	8.49	8.57	3.22	3.51	9	8.9	3.49
	4	3.22	3.21	9.16	9.12	3.13	3.71	10.18	10.17	3.36
	5	2.06	2.97	9.37	9.25	2.89	3.82	10.99	10.89	3.72
	6	1.43	2.36	9.21	8.84	2.18	3.79	11.84	11.63	3.54
	7	1.05	0.83	8.54	8.37	0.92	3.2	12.23	11.81	3.51
	8	0.81	0	0	0	0	0	0	0	0
M	2.5	8.24	3.14	7.96	8.04	3.14	3.3	8.37	8.36	3.3
	3	5.72	3.25	8.49	8.57	3.22	3.51	9	8.9	3.49
	4	3.22	3.21	9.16	9.12	3.13	3.71	10.18	10.17	3.36
	5	2.06	2.97	9.37	9.25	2.89	3.82	10.99	10.89	3.72
	6	1.43	2.36	9.21	8.84	2.18	3.79	11.84	11.63	3.54
	7	1.05	0.83	8.54	8.37	0.92	3.2	12.23	11.81	3.51
	8	0.81	0	0	0	0	0	0	0	0