



LIGHTMASTER MAX ROTATIONAL



GENERAL SPECIFICATIONS

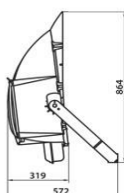
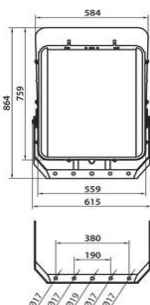
| | |
|--------------|-----------------------------------|
| Type | Floodlight for big areas lighting |
| Applications | Big areas, airports, sport venues |

FLOODLIGHT DATA

| | |
|-------------------------------------|-------------------------------|
| Maximum weight | Kg 17,50 |
| Volume | 0,1977 m ³ |
| Wind exposed surface - Lateral | tilt 0°: 0.165 m ² |
| Wind exposed surface - Frontal | tilt 0°: 0.162 m ² |
| Surface wind resistance with louvre | Lateral: 0.182 m ² |
| | Frontal: 0.180 m ² |

COMPATIBLE LAMPS

| |
|----------------------|
| MD 2000W s.a. / l.a. |
| MD 1000W s.a. / l.a. |
| MT (JM-T) 2000W E40 |
| MT (JM-T) 1000W E40 |
| ST (SAP-T) 1000W E40 |



TECHNICAL SPECIFICATIONS

| | |
|--|---|
| Insulation class | CL I / CL II |
| Overall protection degree | IP66 |
| Protection degree against external impacts | IK08 |
| Certifications | CE |
| | ENEC |
| Construction standards | EN 60598-1 / EN 60598-2-5 |
| Approvals | For nominal temperature of 35°C. Thus, according to EN 60598-1, the fixture can be used, for discontinuous periods, at 45°C. |
| Recommendations | Full compliance with international recommendations and requirements of upward light flow dispersion limiting, as well as against light pollution. |

POWER SUPPLY SPECIFICATIONS

| | | |
|----------------------------|--|----------|
| Gear plate 2000W | Metal halide 400V 50Hz to be housed inside any electric cabinet. | |
| Gear box weight (2000W) | in aluminium for CL I | Kg 20,70 |
| | in thermoplastic for CL II | Kg 18,30 |
| Gear plate 1000W | Metal halide 1000W 230V 50Hz to be housed inside any electric cabinet. | |
| Gear box weight (1000W) | in aluminium for CL I | Kg 14,50 |
| | in thermoplastic for CL II | Kg 13,00 |
| Gear box protection degree | IP65 CL I | |
| | IP66 CL II | |

MATERIALS AND FITTINGS

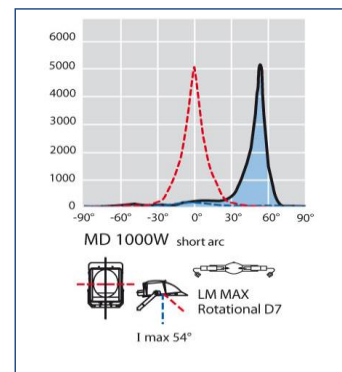
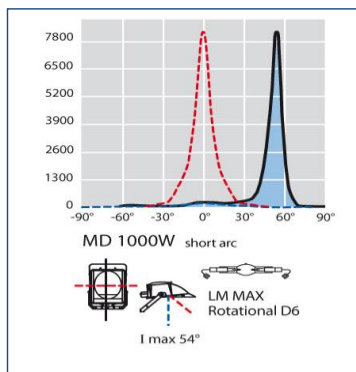
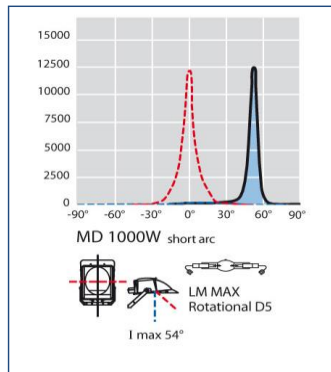
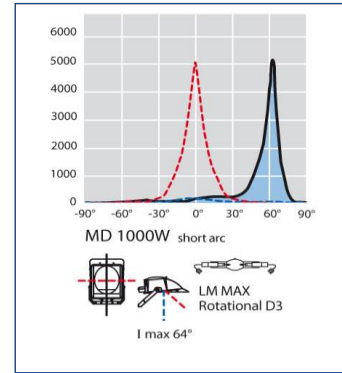
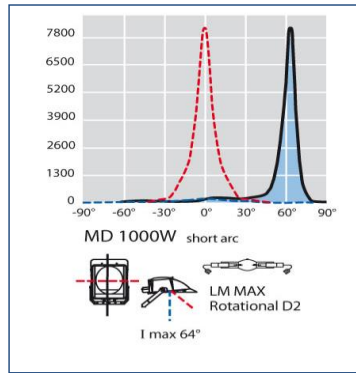
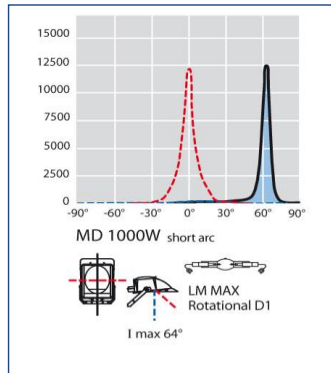
| | |
|---------------------|---|
| Reflector | High purity aluminum with elevated reflectance. |
| Body and back cover | Die cast aluminum with primary alloy and low copper content with a high weather proof rating. |
| Colour | Silver |
| Painting | Polyester powder |
| Mounting bracket | Hot dipped galvanized steel |
| Front glass | Tempered and resistant to high temperatures and to thermal shock |
| Glass fixing device | Stainless steel |
| Protractor scale | Aluminium |
| Anti-glare louvre | Die cast aluminum coated in silver colour |



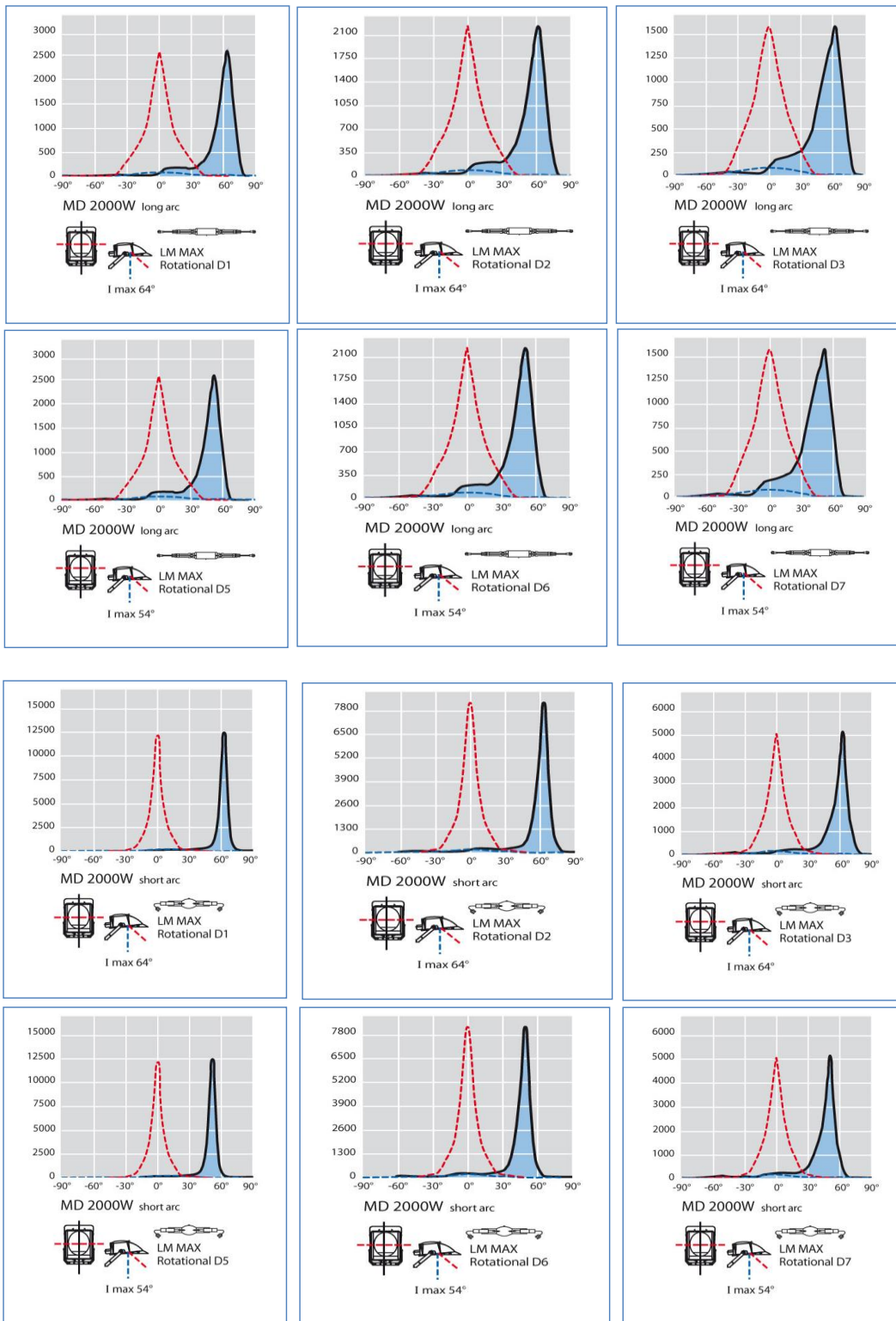
ROTATIONAL PARAELLISSOIDE[®] OPTICAL SYSTEM

| | | |
|-------------------------------------|---|---|
| Description | Asymmetric rotational paraellissoide optic in high purity aluminum. | |
| With intensive emission: D1, D2, D3 | LIGHTING PERFORMANCE | > 75% |
| | MAXIMUM INTENSITY | > 62° from the vertical with louvre: 70° |
| With intensive emission: D1, D2, D3 | LIGHTING PERFORMANCE | > 75% |
| | MAXIMUM INTENSITY | > 52° from the vertical with louvre: 60° |
| Lamps | Double ended short and long arc lamps of 1000 and 2000W. | |

PHOTOMETRIC DATA - 1000W



PHOTOMETRIC DATA - 2000W



The Fael LUCE products are subject to constant evolution. Therefore, the values given in this document are subject to change.