



LIGHTMASTER MAX TRAPEZOIDAL



GENERAL SPECIFICATIONS

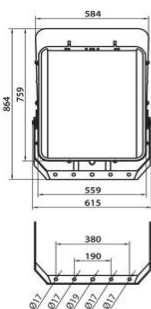
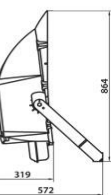
Type	Floodlight for big areas lighting
Applications	Big areas, airports, sport venues

FLOODLIGHT DATA

Maximum weight	Kg 17,50 Kg 18,50 (E40)
Volume	0,1977 m ³ 0,2438 m ³ (E40)
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.
MD 2000W l.a.
MD 1000W s.a.
MD 1000W 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 50 Hz 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 and high pressure sodium 1000W 230V 50 Hz 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	Alluminium
Anti-glare louvre	Die cast aluminum coated in silver colour

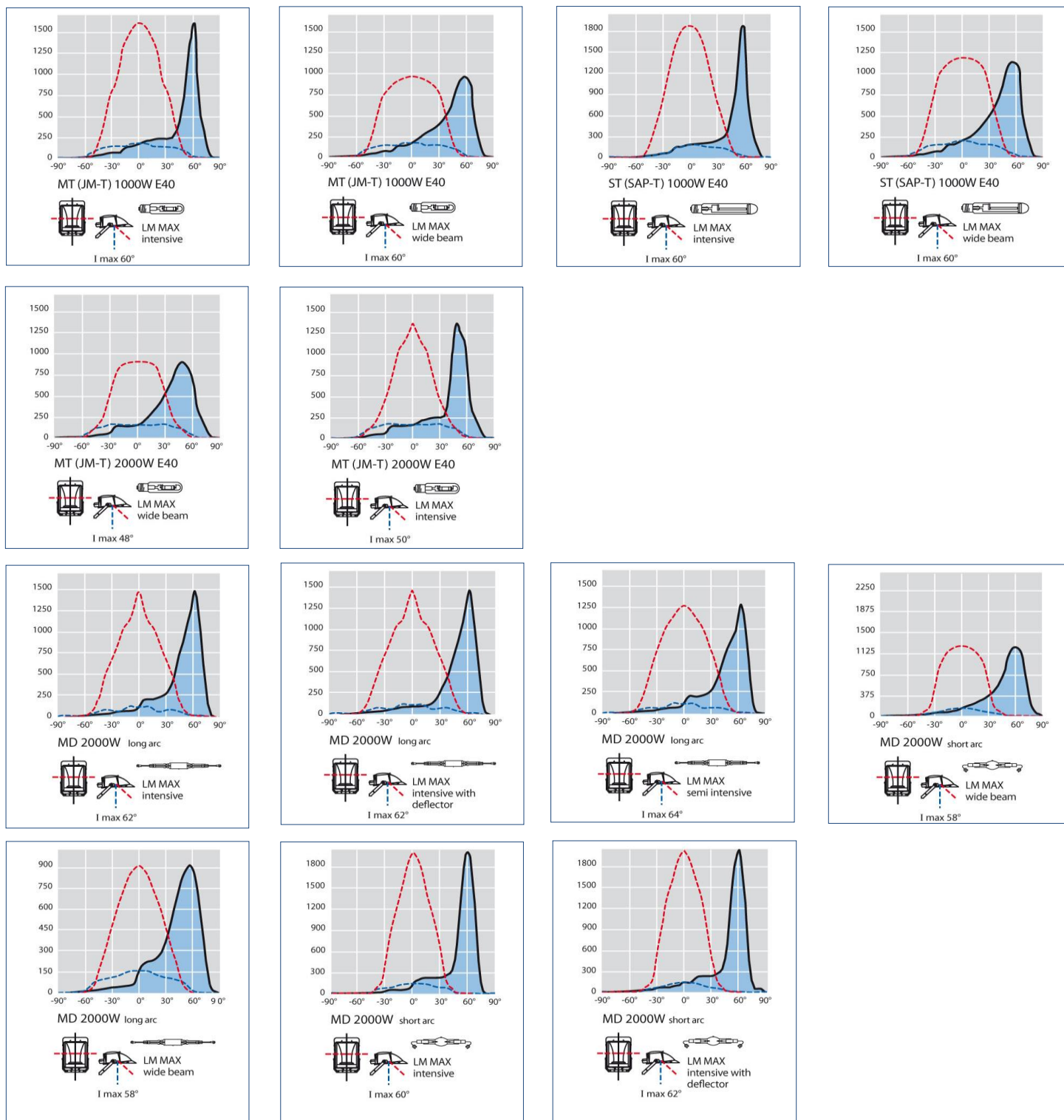


ASYMMETRIC TRAPEZOIDAL OPTICS SYSTEM

Description	Asymmetric Trapezoidal Optics in high purity aluminum (99,99%) with elevated reflectance and performance.
Lamps	Double ended short arc and long arc lamps 1000 and 2000W with three types of optical systems: intensive, semi intensive and wide beam;
	E40 lamps, 1000 and 2000W with two optical types: intensive and wide beam.

The floodlight can be equipped with an anti-glare louvre in cast aluminum and painted in silver colour.

PHOTOMETRIC DATA



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

