



LEDMASTER ONE Series

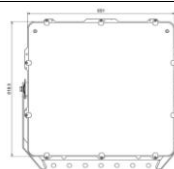


GENERAL CHARACTERISTICS

Type	Floodlight
Application	Large Sport venues (HDTV), Airports, Naval Grounds
Power usage (LED + DRIVER)	From 900W to 1200W
Nominal flux of the LED system	See Table below
Actual outbound flux	See Table below

DEVICE CHARACTERISTICS

Lighting Body only	26,0 kg
Complete Lighting Body only	36,0 kg
Surface frontal wind resistance with tilt 65°	0,38 m ²



TECHNICAL CHARACTERISTICS - LedMaster ONE CRI >70

Isolation class	CL I
Colour temperature	5000K – CRI >70
Power correction factor	> 0,9
Nominal flux of the LED system	166.000 Lumen
Actual outbound flux	133.000 Lumen
Overall protection degree	IP66
Protection degree against external impacts	IK09
Certifications	CE
Construction standards	EN 60598-1, EN 60598-2-5
Photobiologic Risk Certification	Risk free according to EN 62471

TECHNICAL CHARACTERISTICS - LedMaster ONE CRI >80

Isolation class	CL I
Colour temperature	5000K – CRI >80
Power correction factor	> 0,9
Nominal flux of the LED system	156.000 Lumen
Actual outbound flux	125.000 Lumen
Overall protection degree	IP66
Protection degree against external impacts	IK09
Certifications	CE
Construction standards	EN 60598-1, EN 60598-2-5
Photobiologic Risk Certification	Risk free according to EN 62471

SURGE PROTECTION

All versions are protected against power surges to protect components and LEDs	
CL I:	up to 10kV both in common and differential modes.

MATERIALS and FINISHINGS

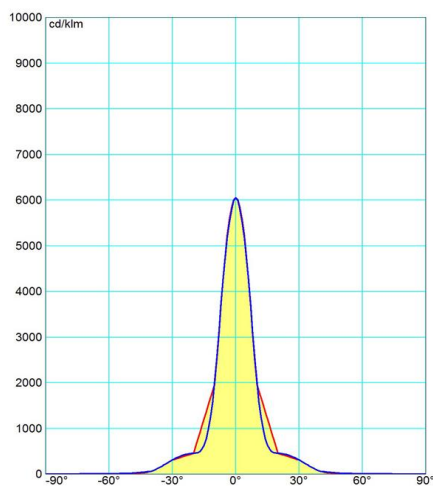
LED	High Power LED technology (12V) on a pressed aluminum circuit, highly heat-dissipating MCPCB (Metal Core Printed Circuit Board)
Body, Cover, Power and accessories box	In high-pressure die-cast aluminum (EN AB 47100) with low copper content and high resistance to atmospheric effects.
Upper cover	With cross-sectional cooling fins with highly aesthetic aspect
Coating	In Polyester dusting silver colour (RAL 9006).
Glass	Extra-clear tempered glass, 4mm thick.
Pressure compensation filter	In Teflon.
Gaskets	Anti-aging rubber.
External screws	Stainless steel.

MAINTAINED AVERAGE LUMINOUS FLUX

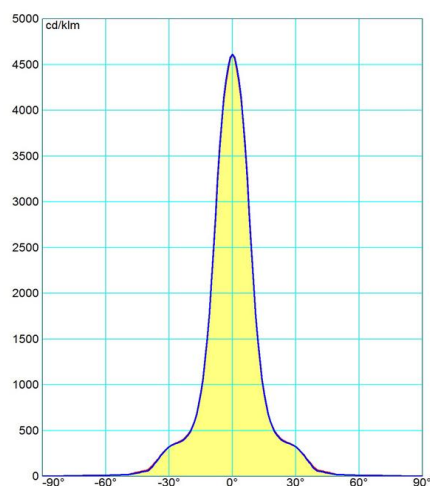
	L80 B10
	>50.000 Hours

ROTSYMMETRICAL OPTICAL SYSTEM

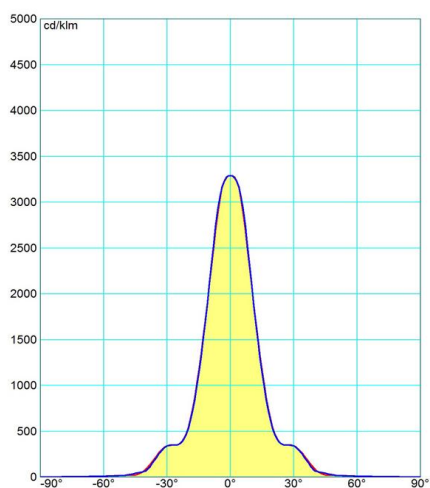
LedMaster ONE 6000 cd



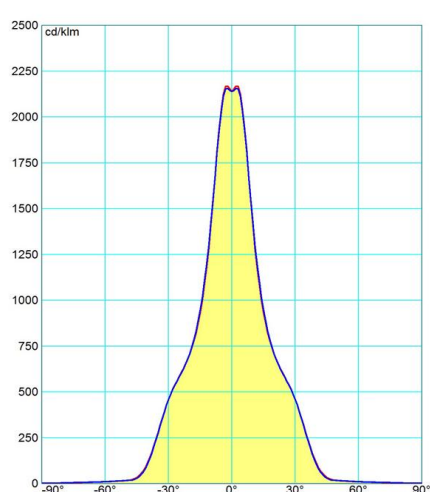
LedMaster ONE 4600 cd



LedMaster ONE 3300 cd

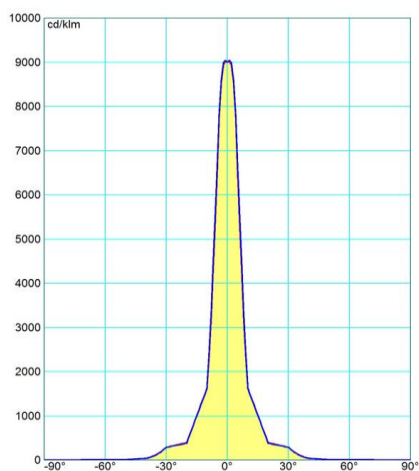


LedMaster ONE 2200 cd

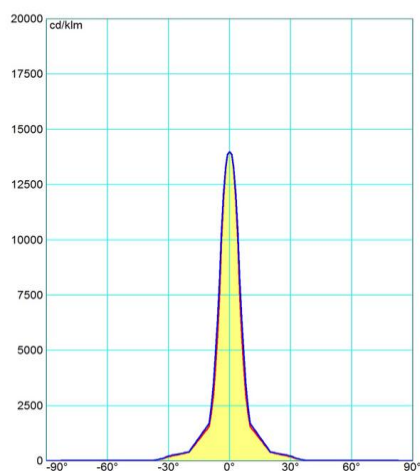


ROTSYMMETRICAL OPTICAL SYSTEM

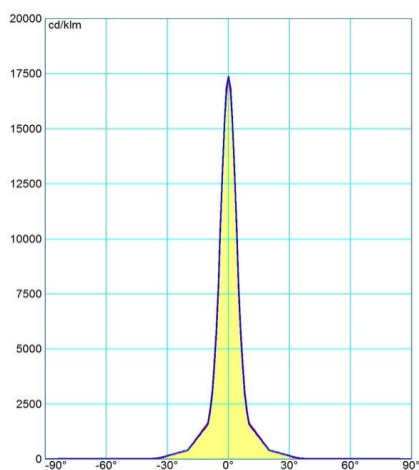
LedMaster ONE 9000 cd



LedMaster ONE 14000 cd



LedMaster ONE 17400 cd



All Models: First Brand LEDs

All Models: Power absorption = total LED+Driver

Luminous fluxes and Power absorption in this Table have a +/- 7% tolerance

Fael LUCE products are subject to constant evolution. Therefore, the values given in this document may change without notice.

FAEL Luce SpA