



Luminor

Floodlights, LED lighting

5 YEARS
WARRANTY

We are inspired by the most powerful and essential form of energy in the world, the energy that has illuminated us since the dawn of time – sunlight.



RoHS
COMPLIANT

LVD
low voltage directive

EMC



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Light Data

Luminous flux ($\pm 7\%$)	54800 - 279000 lm
Correlated color temperature (CCT)	5700K (3000K / 4000K option)
Luminous efficacy	137-155 lm/W
Colour rendering index (CRI)	> 70, (80,90 option)
Protective cover	PC lens and tempered glass
Life Time of LED @Ta=25°C	100,000 h – L90B10 160,000 h – L80B10
SDCM (McAdam)	< 5
ULOR	Depends on the mounting method
UV radiation	0%
Warm-up time	< 0,5 s
Lens type	Modular asymmetric/symmetric

Certificates, Standards

CE mark	Yes
ENEC license	Yes
EMC	Yes
LVD	Yes
Impact Protection Level (IK)	IK08
Water and dust ingress protection (IP rating)	IP66
RoHS	Da
Warranty	5 years

Electrical Data

Input voltage	220 - 480 V AC
Frequency	50-60 Hz
Power factor	> 0,97
Flicker factor	<1%
Electrical protection class	Class I
Ambient temperature	- 30 ° C + 50 ° C
Overvoltage protection options	20 kV

Controls and Dimming

Dimming	0-10V, DALI, DMX
Control range	0-100 %
Dim-to-off	Yes

Mechanical Data

Housing material	Pressure die-cast aluminum with a copper content <0.01%
Corrosion protection	Powder coating
Cooling system	Passive
Lens material	PC
Color (RAL)	Black (RAL 9017)
Category of corrosion	C4
Gasket	Silicone
Max. surface exposed to wind	400W - 0.02m ² at 0° / 0.04m ² at 15° / 0.05m ² at 30° / 0.07m ² at 45° / 0.08m ² at 60° 480W - 0.02m ² at 0° / 0.05m ² at 15° / 0.07m ² at 30° / 0.08m ² at 45° / 0.09m ² at 60° 600W - 0.02m ² at 0° / 0.05m ² at 15° / 0.07m ² at 30° / 0.09m ² at 45° / 0.11m ² at 60° 800W - 0.03m ² at 0° / 0.07m ² at 15° / 0.11m ² at 30° / 0.15m ² at 45° / 0.17m ² at 60° 960W - 0.03m ² at 0° / 0.09m ² at 15° / 0.13m ² at 30° / 0.18m ² at 45° / 0.20m ² at 60° 1200W - 0.03m ² at 0° / 0.09m ² at 15° / 0.15m ² at 30° / 0.20m ² at 45° / 0.24m ² at 60° 1500W - 0.03m ² at 0° / 0.12m ² at 15° / 0.19m ² at 30° / 0.27m ² at 45° / 0.30m ² at 60° 1800W - 0.03m ² at 0° / 0.13m ² at 15° / 0.22m ² at 30° / 0.31m ² at 45° / 0.35m ² at 60°

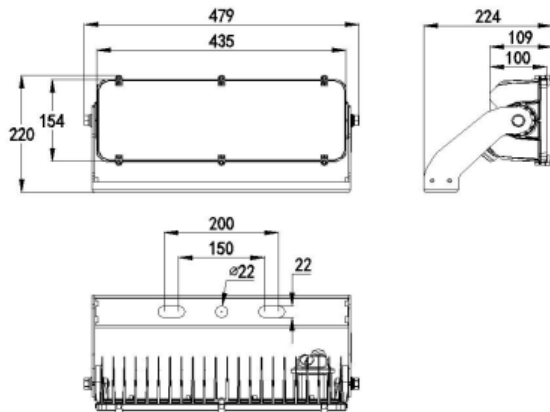
Other Data

Model	Power (W) (± 10%)	Luminous flux* (lm) (± 7%)	Luminous efficacy* (lm/W)	CCT	CRI
LED 3737					
Luminor	400	54800	137	5700	>70
LED 3737					
Luminor	480	67680	141	5700	>70
LED 3737					
Luminor	600	84000	140	5700	>70
LED 3737					
Luminor	800	109600	137	5700	>70
LED 3737					
Luminor	960	135360	141	5700	>70
LED 3737					
Luminor	1200	168000	140	5700	>70
LED 3737					
Luminor	1500	211500	141	5700	>70
LED 3737					
Luminor	1800	252000	140	5700	>70
LED 5050					
Luminor	400	59600	149	5700	>70
LED 5050					
Luminor	480	73440	153	5700	>70
LED 5050					
Luminor	600	93000	155	5700	>70
LED 5050					
Luminor	800	119200	149	5700	>70
LED 5050					
Luminor	960	146880	153	5700	>70
LED 5050					
Luminor	1200	186000	155	5700	>70
LED 5050					
Luminor	1500	229500	153	5700	>70
LED 5050					
Luminor	1800	279000	155	5700	>70

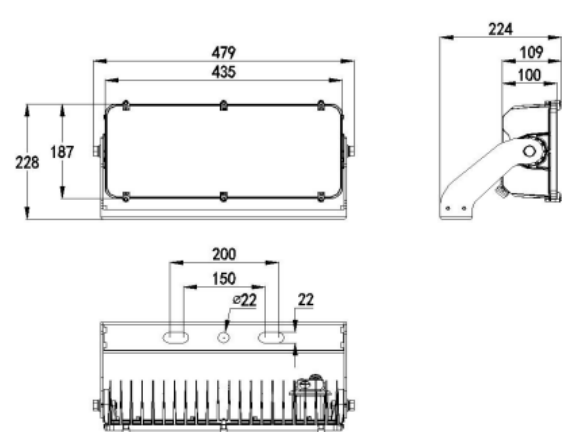
Dimensions 400W-600W

Luminor (W)	400W	480W	600W
Product Dimension (mm)	479x224x220	479x224x228	479x224x245
Luminaire Net Weight (kg)	6,3 kg	7,0 kg	7,8 kg
Driver weight (kg)	3,05 kg	3,05 kg	3,05 kg
Packaging Dimensions (mm)	510x355x250	510x370x250	510x400x250
Gross Weight (kg)	10,5 kg	11,7 kg	12,8 kg

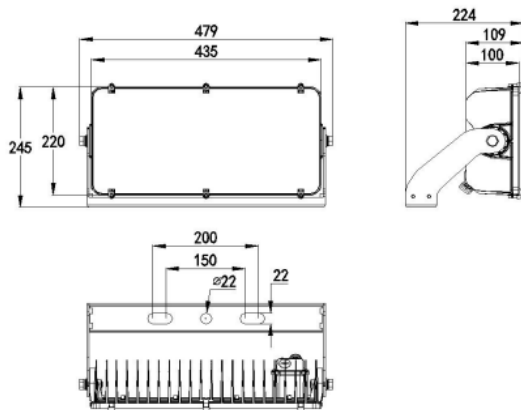
400W



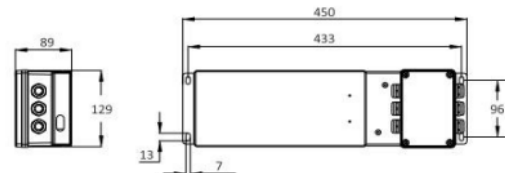
480W



600W



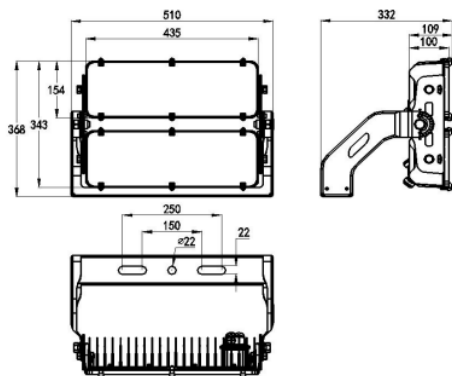
400W/480W/600W driver



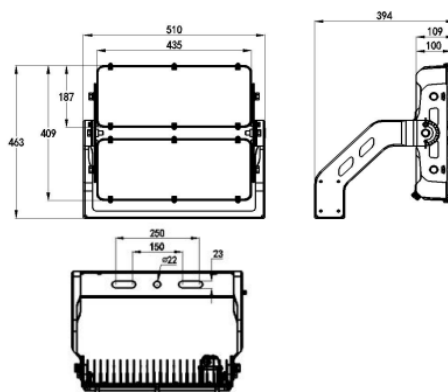
Dimensions 800W-1800W

Luminor (W)	800W	960W	1200W	1500W	1800W
Product Dimension (mm)	510x332x368	510x394x463	510x394x496	515x444x691	515x444x757
Luminaire Net Weight (kg)	13,7 kg	16,4 kg	18,8 kg	24,8 kg	28 kg
Driver weight (kg)	5,02 kg	5,02 kg	5,02 kg	6,37 kg	6,37 kg
Packaging Dimensions (mm)	600x570x250	715x610x265	750x610x285	960x610x310	1025x610x310
Gross Weight (kg)	21,9 kg	25,1 kg	27,5 kg	36,2 kg	39,2 kg

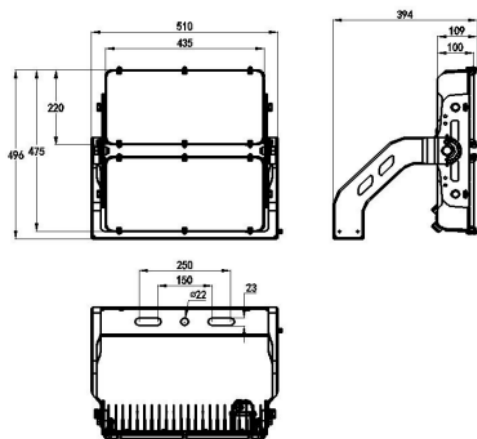
800W



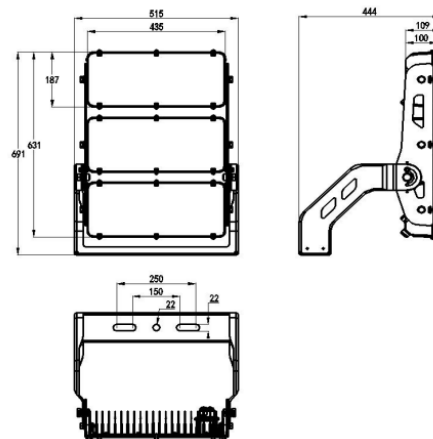
960W



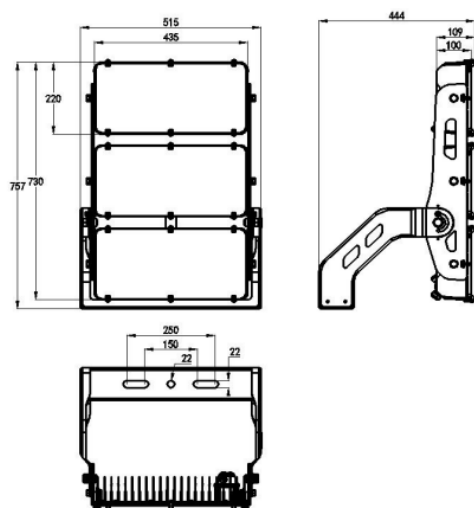
1200W



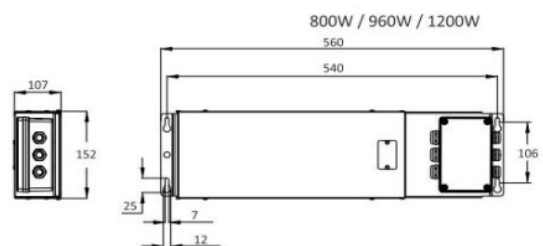
1500W



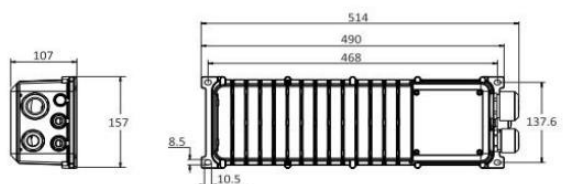
1800W



800W/960W/1200W driver



1500W/1800W driver



Mounting (options)

400W/480W/600W



800W/960W/1200W



1500W/1800W



Accessories

Precision aiming device



(400W-600W)

Visor



Visor

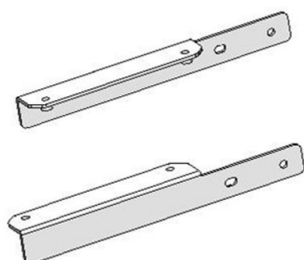


Precision aiming device



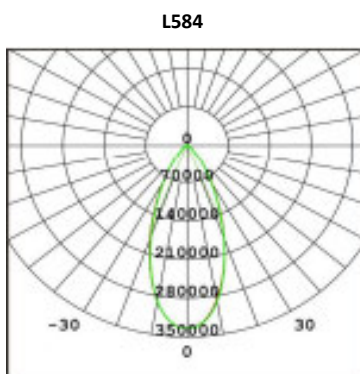
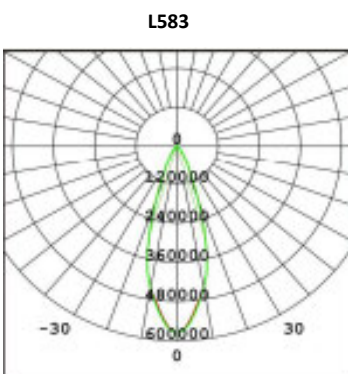
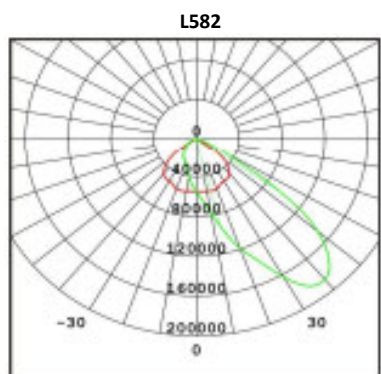
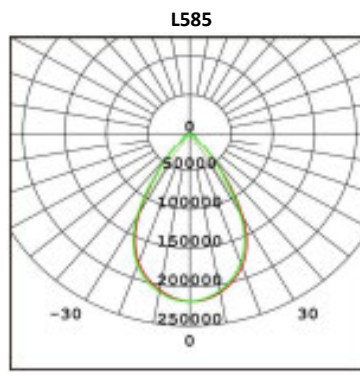
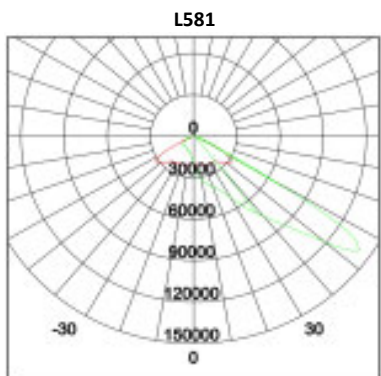
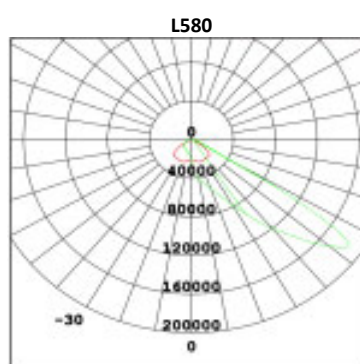
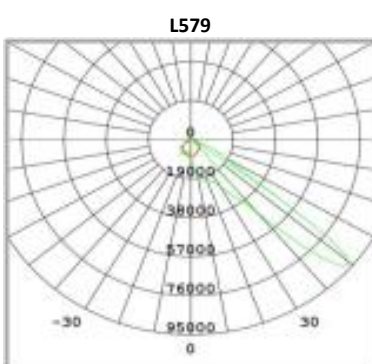
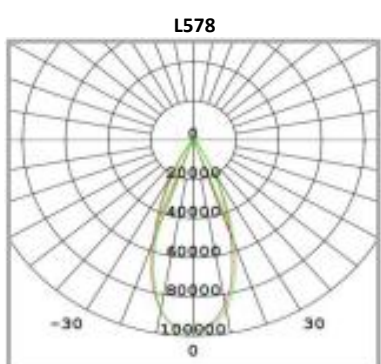
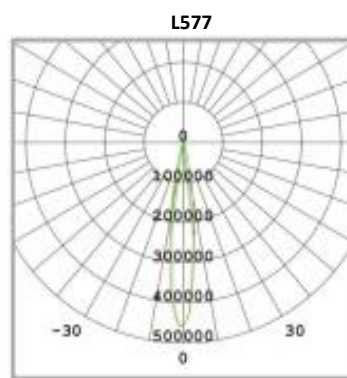
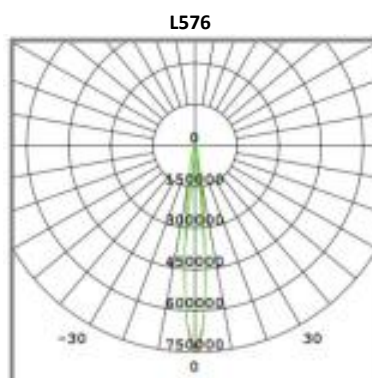
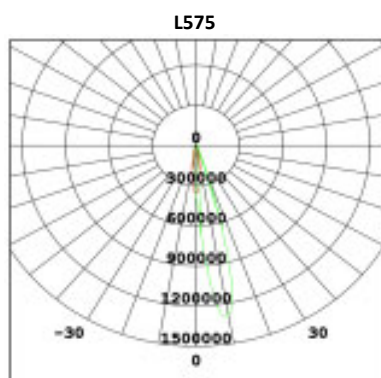
(800W- 1800W)

Driver to luminaire bracket



Clamp mount bracket





Installation and maintenance

Luminaires may only be installed or dismantled by qualified personnel authorized by the manufacturer.

If installation or dismantling is performed by unauthorized personnel, the warranty for the luminaires is void.

The standard warranty for luminaires is 5 years unless otherwise specified.

Luminaires may only be serviced by the manufacturer or an authorized service center.

The light source within the luminaire may only be serviced by the manufacturer, an authorized technician, or other qualified personnel authorized by the manufacturer.

The tightening torque in Nm applied to any screw fastening the luminaire to a pole: 3Nm.

Manufacturer and authorized servicer

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