



BIGSOLAR

Λ. Νάτο 100, 19300 Ασπρόπυργος

Τηλ: 210 5509090

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Floodlight Modular 1000W - S



Technical Characteristics

Light Source	SMD 3535
Control Gear	Matrix/Mono-S/Mono-H
Input Voltage Range *	100-305Vac; 249-528Vac; 180-528Vac 50/60Hz
LED Power	909-972 W
System Power	963-1013 W
Luminous Flux	139.800-144.800 lm
Power Factor	>0.95
CCT	3000/4000/5700 K
CRI	>70 / >80
Beam Angle	12°/30°/60° symmetric; 40°x15°/60°x15° /100°x17°/100°x60°/130°x25° asymmetric
THD (230VAC)	<20%
Surge Protection	20KV
Dimmable	0/10V; Dali-2; DMX
Housing Color	Black / Gray
IP Class	IP66
Working Temperature	-20 to +40 °C
Working Humidity	10-90 RH%
Power Cable	1m H07RN-F 3x1.5

*Certified voltage range: Matrix(110-277Vac); Mono-S(100-240Vac); Mono-H(277-480Vac)



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ΦΩΤΟΒΟΛΤΑΪΚΑ



ΨΥΞΗ-ΘΕΡΜΑΝΣΗ



ΒΙΟΜΑΖΑ-ΒΙΟΑΕΡΙΟ



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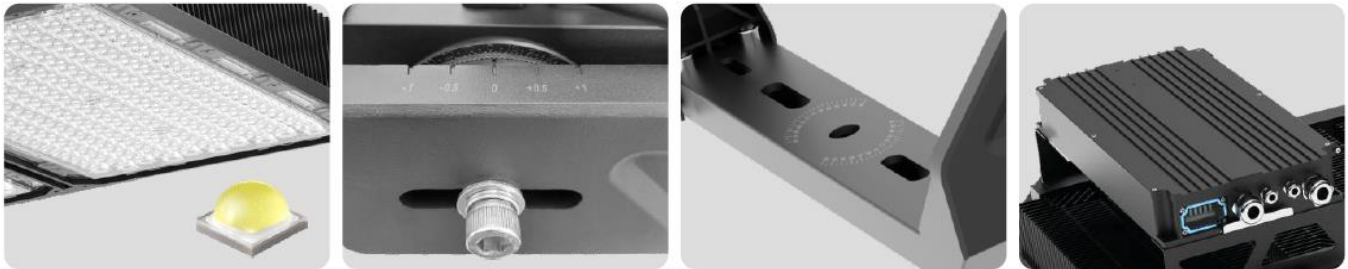
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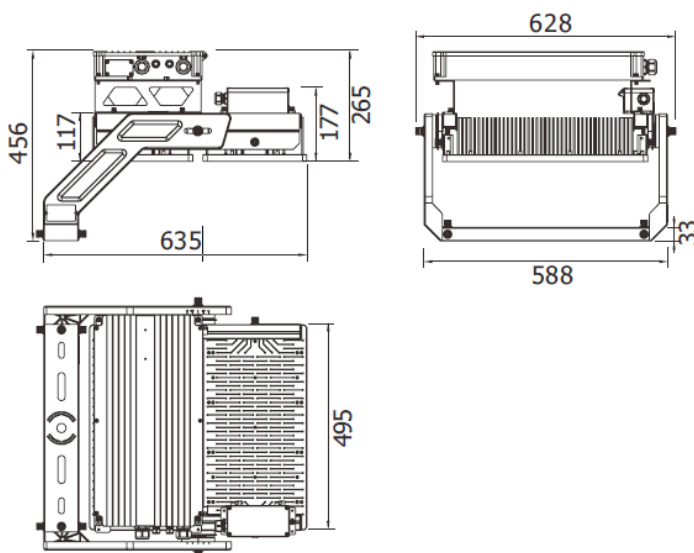
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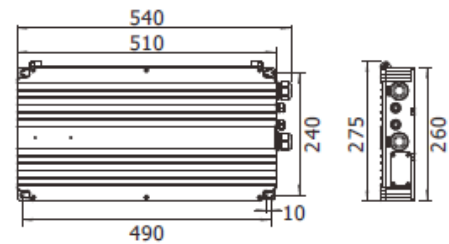
Product details



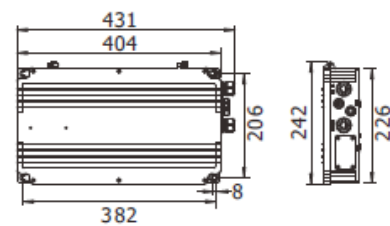
Dimensions



Control Gear (Driver Box)



Matrix-340-1000W



Mono-340-1000W-S/H

Luminous intensity distribution diagram



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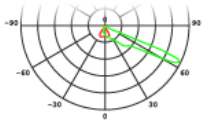
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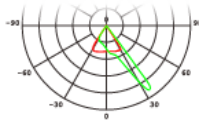
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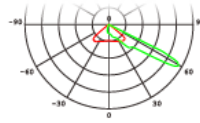
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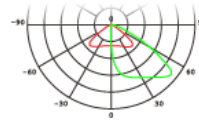
40°x15° Asy



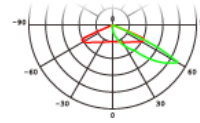
60°x15° Asy



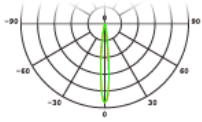
100°x17° Asy



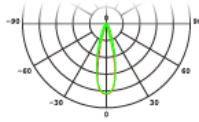
100°x60° Asy



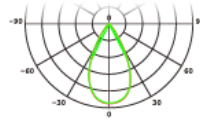
130°x25° Asy



12°



30°



60°



Symmetric

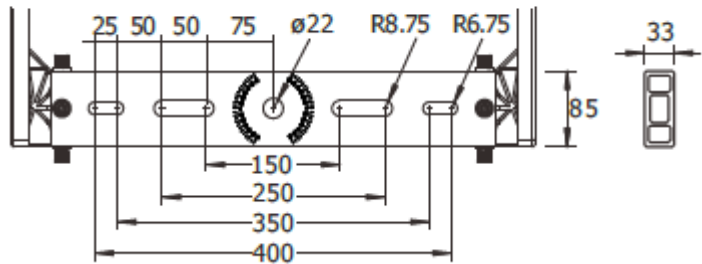


Asymmetric

Installation



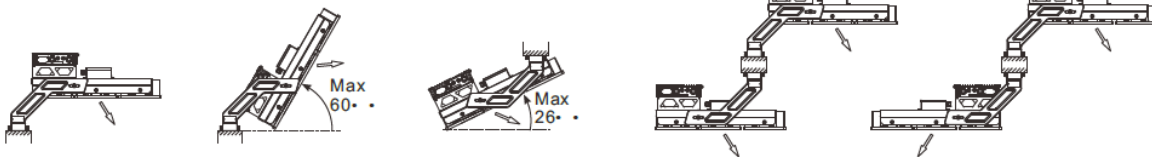
Mounting bracket



Position allowed



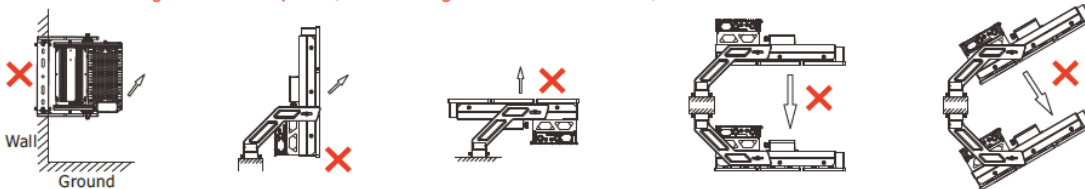
This Modular floodlight can be installed on pole, wall, ceiling or on a horizontal surface.



Position not allowed



Note: Considering the heat dissipation, load bearing and dust accumulation, some installation methods are not allowed.



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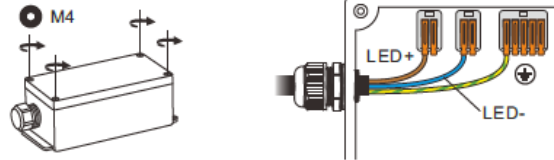
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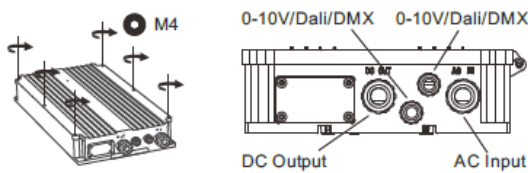
Wiring of separated control gear solution



(1) Connection of luminaire

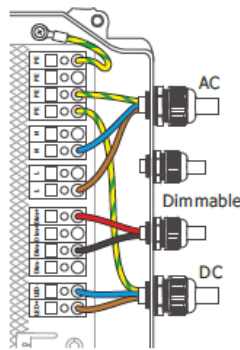


Cable gland of Matrix & Mono

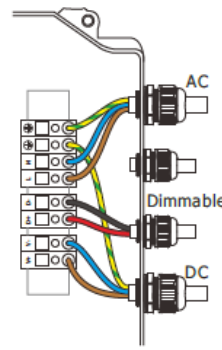


Connection	Cable Gland	Toque (N*m)	Cable Diameter (mm)	Cable Section (mm ²)
AC Input	M20	5.5	8-10/10-12	1.5/2.5
DC Output	M20	5.5	8-10/10-12	1.5/2.5
Dimmable	M16	2.5	7-10	1.0-1.5

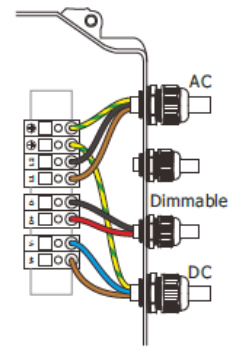
(2) Matrix
(0-10V / Dali)



(3) Mono-S
(0-10V / Dali)



(4) Mono-H
(0-10V / Dali)



! **Note:** According to the actual needs, the number of connectors will increase or decrease.
 Different dimming function cannot be used at the same time.

Effective Projected Area (EPA=SCx)

Unit: m²



Power	Tilt angle	0°	10°	20°	30°	45°	60°
1000W		0.08	0.09	0.10	0.13	0.15	0.18



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Application

Suitable for football stadiums, tennis courts, stadiums and other large sports venues, high mast, harbor, airport, warehouse, workshop, gas stations, toll stations, parking area, etc.



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ΨΥΞΗ-ΘΕΡΜΑΝΣΗ



ΒΙΟΜΑΖΑ-ΒΙΟΑΕΡΙΟ