



inui

CLEANER • SMARTER • BRIGHTER™

IP68 LED LIGHT ENGINES FLOOD LIGHT



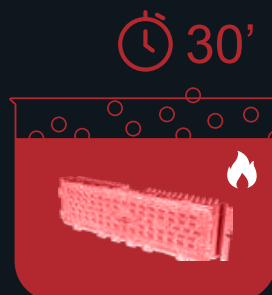
TECHNICAL ADVANTAGE



DOUBLE-COUPPLING IP68 PROTECTION

Screw free structure is designed to avoid water vapor penetration through the screw hole. The LED chip is completely isolated from the outside world with a double silicone rubber ring, Prevent all water vapor or other harmful gas erosion chip and PCB board.

This product has been demonstrated through rigorous experiments, in addition to ordinary underwater testing, Also can pass 100°C boiling red ink boiling water test, double protection, Each dish has to go through a 30-minute boiling test, and when it's done, Immediately put in cold water at room temperature and check its waterproof ability with sudden cooling. The two protection systems should undergo boiling and quenching tests for more than 3 hours and 6 cycles.



TECHNICAL ADVANTAGE

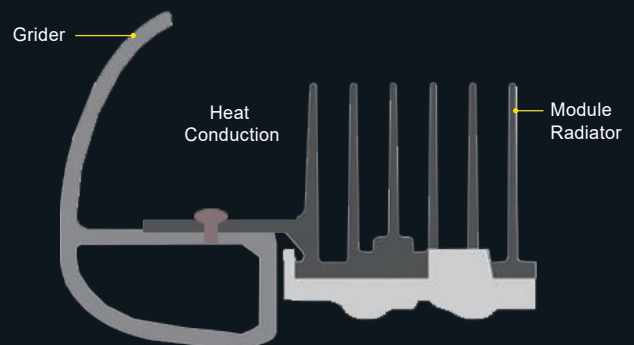


HEAT HONEYCOMB EFFECT FOR HEAT DISSIPATION

Imitation of the burning principle of briquettes, solid coal due to the center of the contact with air, slow and inadequate combustion, in the center made of a variety of holes, due to the convection of air, combustion of rapid, which is the thermal honeycomb effect of combustion. In the same way, after the original whole radiator is broken into each module, the heat honeycomb effect is used to make the air convection, fully cross the gap between the modules, quickly take away the heat, and reduce the temperature of about 20 ° C.

TOTAL STRUCTURAL HEAT DISSIPATION

The module bracket that originally only played a supporting role is cleverly used to turn it into a "heat conduction bracket", which conducts the heat generated by the module to the lamp shell that originally only played the role of a structural part, so that it helps the module radiator to make full use of the surface area of the structural part for heat transfer to the air.



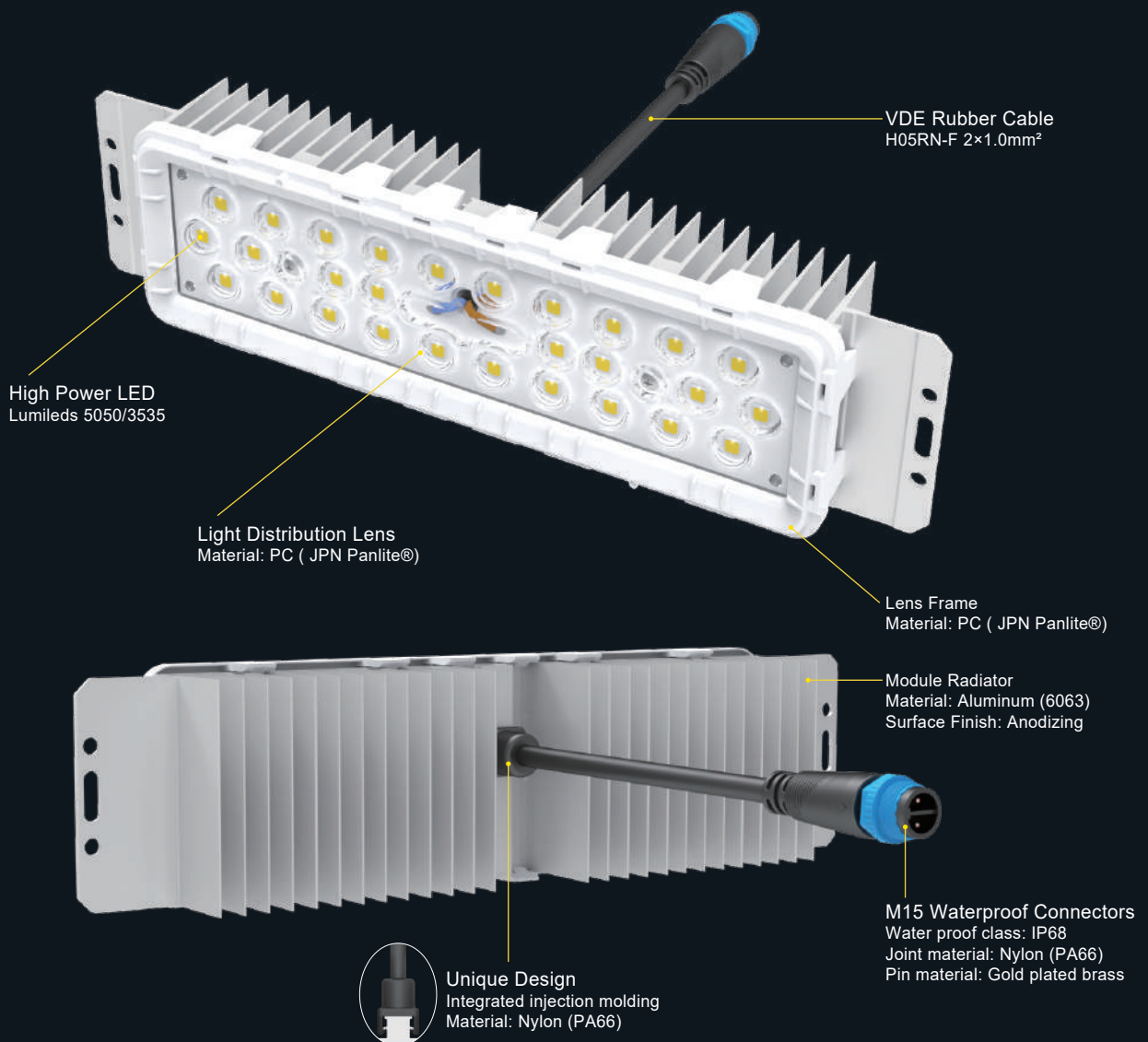
THE HEAT IS TRANSFERRED TO THE MAIN BEAM, WHICH ASSISTS THE HEAT SINK



TECHNICAL ADVANTAGE

IT ADOPTS THE SCREW-FREE STRUCTURE

Avoid the penetration of water vapor through the screw hole, and its double silicon-rubber rings insulate LED chip from the outside environment completely.

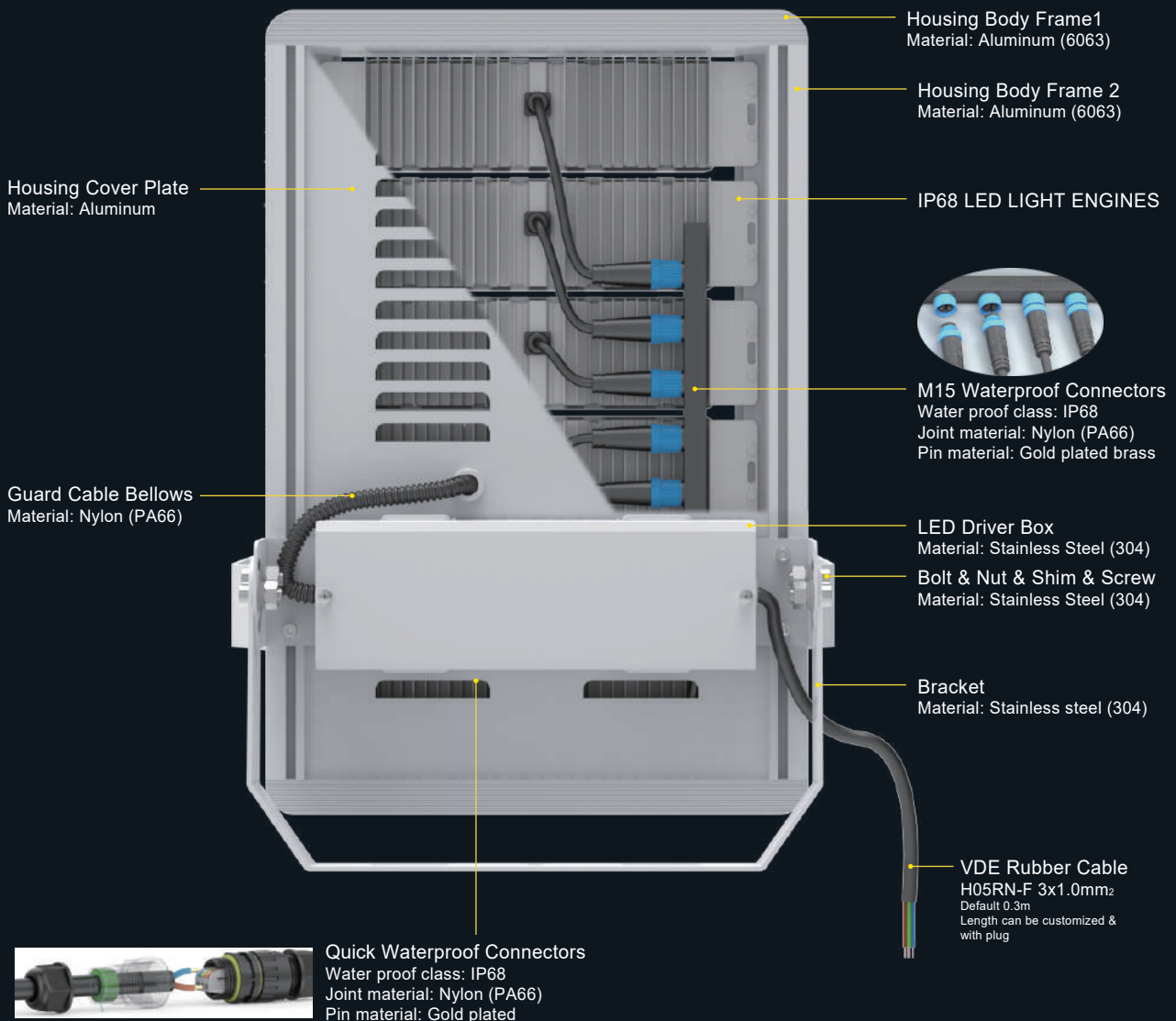


TECHNICAL ADVANTAGE



SMART STRUCTURE , WATERPROOF CLASS IP68

Tool-free onsite replacements of light engines greatly reduce maintenance cost
Quick Waterproof Connector.

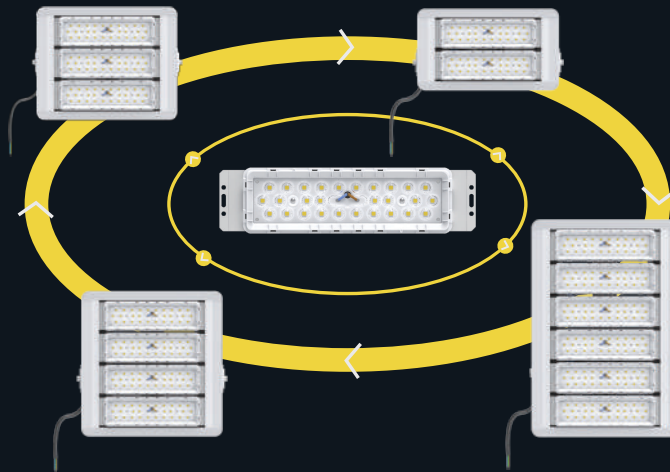


TECHNICAL ADVANTAGE



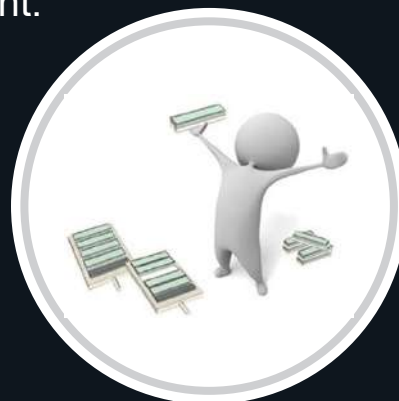
FREE SERIALIZATION

It is available to freely equip with different numbers of modules to achieve different powers as required.

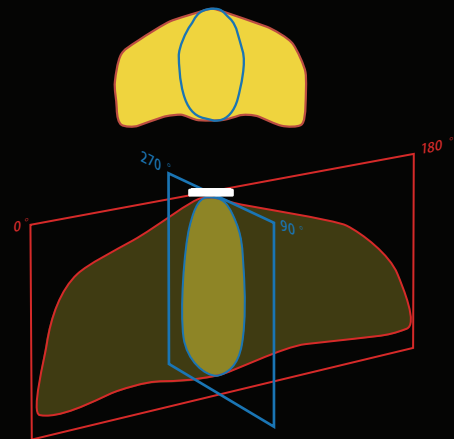


SPARE PARTS ARE EASY TO HANDLE

Dealers or end customers only need to prepare a very small volume of power supplies and modules as spare parts, storage and replacement is very convenient. Different from the traditional integral lighting practice, the whole lamp needs to be used as spare parts, occupying a very large storage space, and replacing the whole lamp is not convenient.



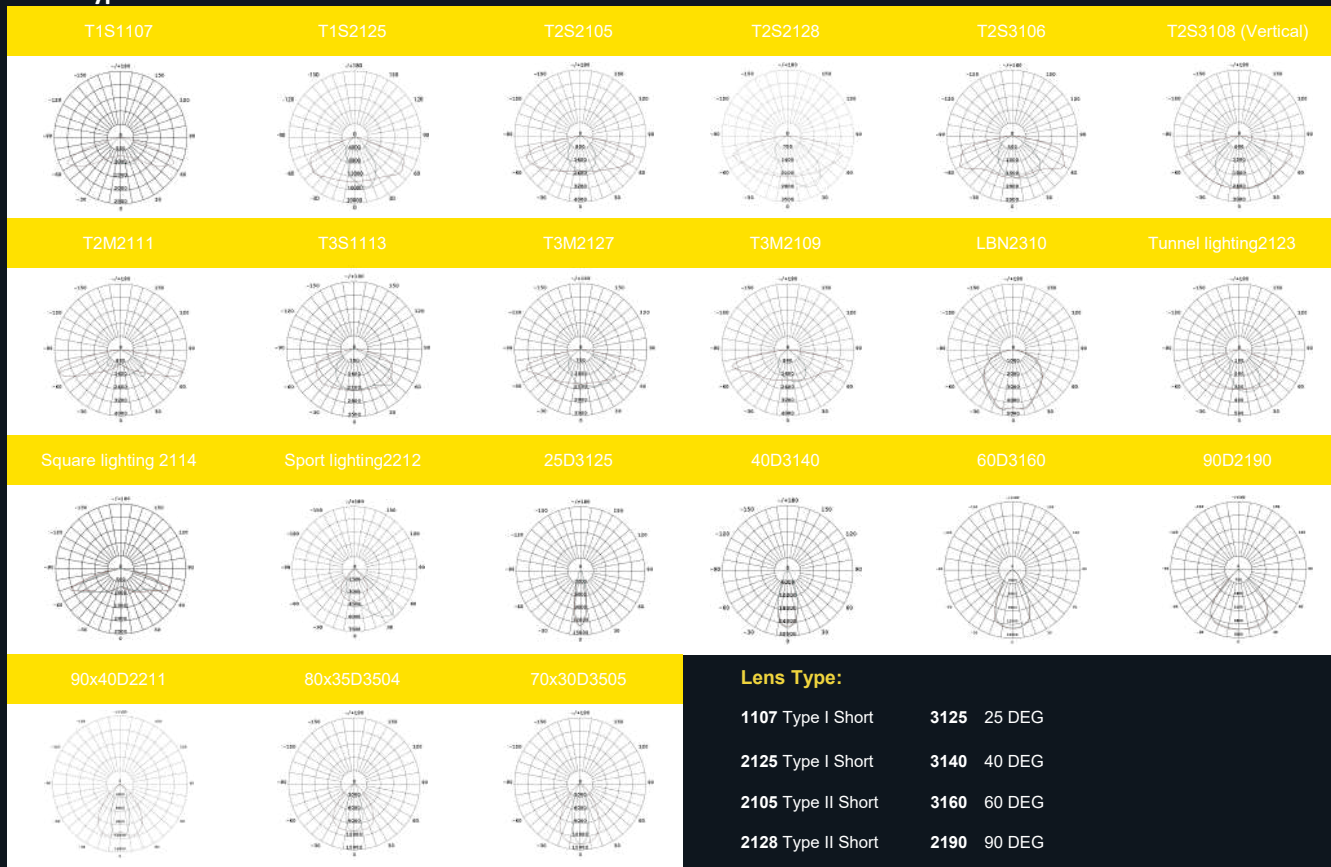
TECHNICAL ADVANTAGE



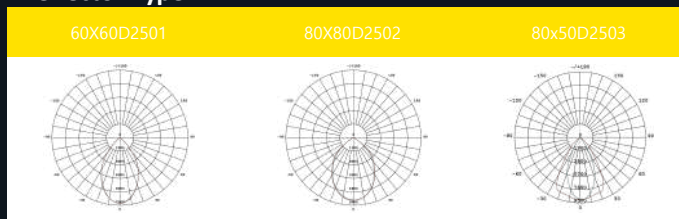
ERGONOMIC AND DEDICATED LIGHTING DISTRIBUTIONS

Up to 24 kinds of light distribution, Multiple lighting distributions available, Wide applicability for complex situations, High versatility apply.

Lens Type



Reflector Type



Lens Type:

1107 Type I Short	3125 25 DEG
2125 Type I Short	3140 40 DEG
2105 Type II Short	3160 60 DEG
2128 Type II Short	2190 90 DEG
3106 Type II Short	2211 90x40 DEG
3108 Type II Short(V)	3504 80x35 DEG
2111 Type II Medium	3505 70x30 DEG
1113 Type III Short	2114 Square lighting
2127 Type III Medium	2212 Sport Lighting
2109 Type III Medium	2123 Tunnel Lighting
2310 Lambert Type	

Reflector Type:

2501 60X60DEG
2503 80x50 DEG
2502 80X80 DEG

FL23-100W

HIGH LIGHT EFFICIENCY

170LM/W



COLOR TUNABLE
WHITE



GLARE-FREE



BROADCAST
QUALITY



OPTIMAL
THERMAL DESIGN



ADVANCED
INTELLIGENCE



LUMINAIRE
VIBRATION



SALT SPRAY

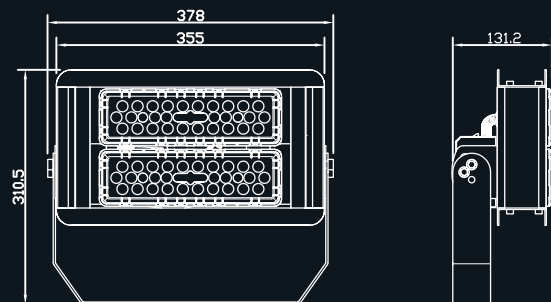
MEANWELL POWER SUPPLY

INPUT	Voltage Range	AC100 ~ 277V
	Frequency Range	50-60 Hz
	PF @230Vac	>0.95
	THD @230Vac	<10%
	Inrush Current @230Vac	50A
	Rated Power with Fixture	100W
	Maximum Power	103W
OUTPUT	DC Voltage	48V
	Current Range	2.1A
PROTECTION	Overload	YES
	Over Voltage	YES
	Over Temperature	YES
	IP -Grade	IP-67
	Surge Protection	L-N 4000V, LN-PE 6000V

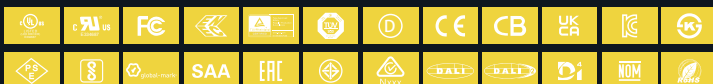
LIGHT ENGINE

CCT	3000k to 6500k (option)
CRI	70/80/90 (option)
LUMINAIRE EFFICIENCY	≥170LM/W (70CRI)
DELIVERED LUMENS	17,000
FLICKER	<1%
DIMMING(OPTION)	0~100%
LUMEN MAINTENANCE	L80 >100,000 hrs
STANDBY POWER	<0.5W

DIMENSIONS (unit : mm)



LED Driver Power & Certification



FL23-200W

HIGH LIGHT EFFICIENCY

170LM/W



COLOR TUNABLE
WHITE



GLARE-FREE



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QUALITY



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SALT SPRAY

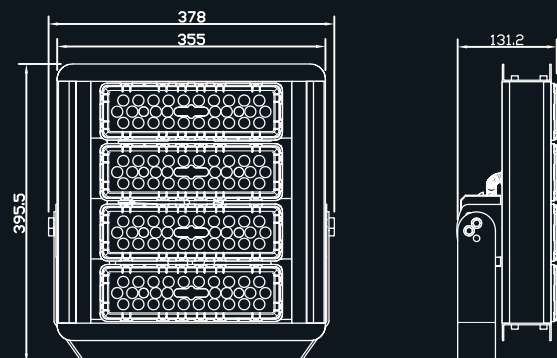
MEANWELL POWER SUPPLY

INPUT	Voltage Range	AC100 ~ 277V
	Frequency Range	50-60 Hz
	PF @230Vac	>0.95
	THD @230Vac	<10%
	Inrush Current @230Vac	65A
	Rated Power with Fixture	200W
	Maximum Power	205W
OUTPUT	DC Voltage	48V
	Current Range	4.2A
PROTECTION	Overload	YES
	Over Voltage	YES
	Over Temperature	YES
	IP -Grade	IP-67
	Surge Protection	L-N 4000V, LN-PE 6000V

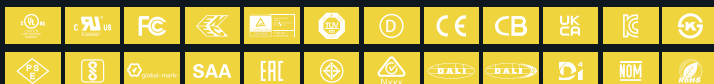
LIGHT ENGINE

CCT	3000k to 6500k (option)
CRI	70/80/90 (option)
LUMINAIRE EFFICIENCY	≥170LM/W (70CRI)
DELIVERED LUMENS	34,000
FLICKER	<1%
DIMMING(OPTION)	0~100%
LUMEN MAINTENANCE	L80 >100,000 hrs
STANDBY POWER	<0.5W

DIMENSIONS (unit : mm)



LED Driver Power & Certification



FL23-300W

HIGH LIGHT EFFICIENCY

170LM/W



COLOR TUNABLE
WHITE



GLARE-FREE



BROADCAST
QUALITY



OPTIMAL
THERMAL DESIGN



ADVANCED
INTELLIGENCE



LUMINAIRE
VIBRATION



SALT SPRAY

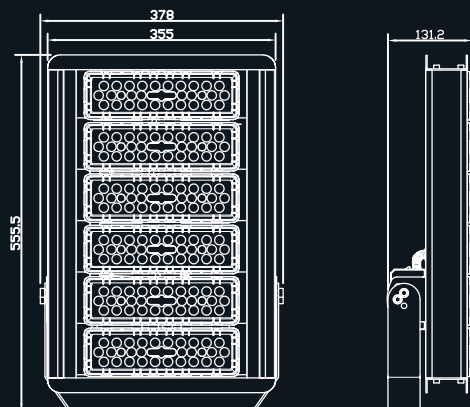
MEANWELL POWER SUPPLY

INPUT	Voltage Range	AC100 ~ 277V
	Frequency Range	50-60 Hz
	PF @230Vac	>0.95
	THD @230Vac	<10%
	Inrush Current @230Vac	45A
	Rated Power with Fixture	300W
	Maximum Power	305W
OUTPUT	DC Voltage	48V
	Current Range	6.3A
PROTECTION	Overload	YES
	Over Voltage	YES
	Over Temperature	YES
	IP -Grade	IP-67
	Surge Protection	L-N 4000V, LN-PE 6000V

LIGHT ENGINE

CCT	3000k to 6500k (option)
CRI	70/80/90 (option)
LUMINAIRE EFFICIENCY	≥170LM/W (70CRI)
DELIVERED LUMENS	51,000
FLICKER	<1%
DIMMING(OPTION)	0~100%
LUMEN MAINTENANCE	L80 >100,000 hrs
STANDBY POWER	<0.5W

DIMENSIONS (unit : mm)



LED Driver Power & Certification

