SUPER X SERIES

AREA LIGHTING (anti-icing version)

Modularity

The scientific combination achieves up to 1500W high power.
With customized optics gives a good quality and quantity of light where you need it , even at a distance, while minimizing glare.

Flexible mounting

Cleverly designed bracket allows flexible adjustment of vertical or horizontal mounting angles.

Corrosion Resistant

Processed with dedicated treatments on the heat sink and other components, to withstand corrosive and salt spraying outdoor environments.

Robust, Protective Design IP66, IK10

A robust, protective design gives this luminaire an IP of 66 and IK of 10 and the ability to handle harsh environments.

Dimmable

Dimming is available. and optional remote control allows control lights with phone/ipad/pc, provides flexibility and save electrical energy.

Electrical components enclosure

Electrical components enclosure (driver box) is optional and loads multiple drivers separate at a distance of 30m to 50m from luminaire. Greatly reduce high-altitude maintenance cost.

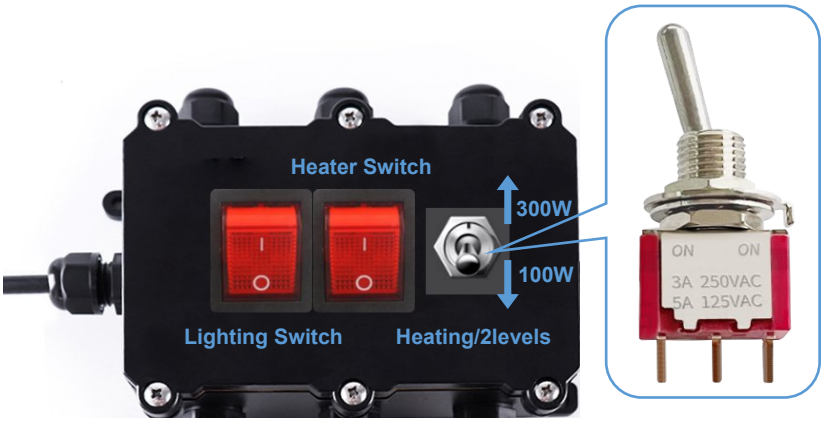
Product Feature

Features

Built in insulation and high-temperature resistant ceramic heater, with a maximum 300W ultra high power instant heating, can melt surface ice layer in 30 minutes (extreme cases may prolong the time)

a. Withstand high temperatures of 300 ° C for a long time

b. External Toggle switch can control the heater according to actual needs



Different Settings in Different Environments

Summer: Turn off the heating switch, the lighting fixtures work normally.

Early winter: When the ice on the lamp is less than 2 millimeters, adjust the power to 100W

Severe winter: When the freezes over 4 millimeters on the lamp, adjust the power to 300W. After melting the ice (about 30 minutes), adjust the power switch to 100W for insulation

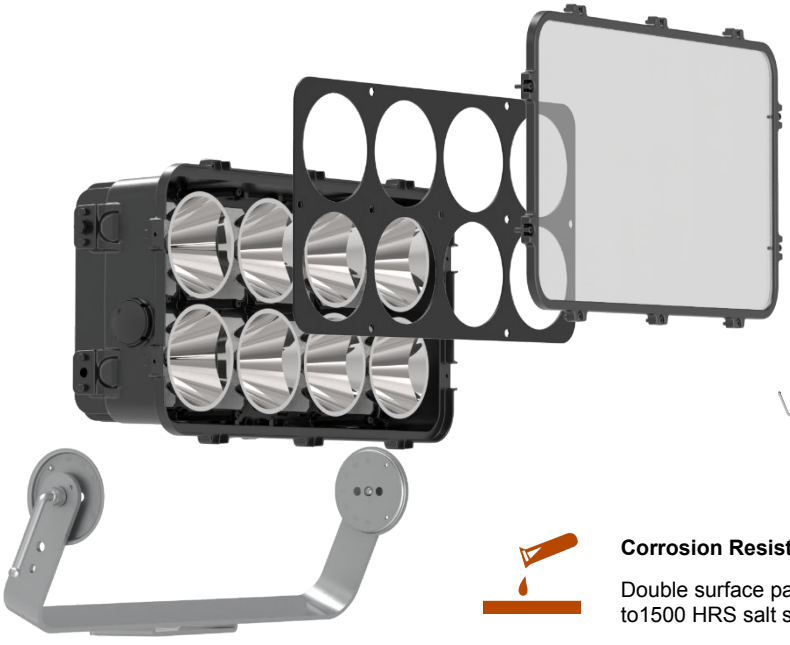
*Additionally, customizable remote-control module for control or timing is available.

-40°C Low Temperature Resistance

Durable design capable of withstanding a -40 ° working environment

Excellent Heat Dissipation

The heating glass and the silicone layer of the light fixture are insulated. The heating glass will not conduct heat to the lamp body, maintaining independence from high temperatures.

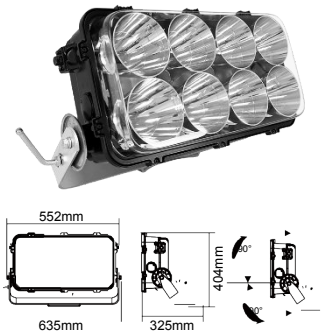


COB + Unique Optical reflector for Distant Reach

The high-power COB + unique optical reflector system delivers maximum performance while minimizing glare.

Corrosion Resistant

Double surface paint layer (electrophoresis + outdoor coating spray) subjected to1500 HRS salt spray resistance test



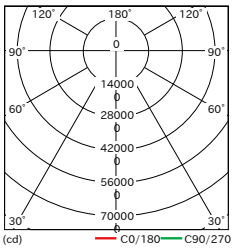
Item No.	Luminous Efficacy	Luminous Flux	CRI
FL-6500D-NN750	86lm/W	43000lm	Ra≥70

Power: 500W Color Temperature: 5000K Beam Angle: 15°

IP 66 | IK 10 | -40°C~+40°C | ≥70,000hrs L70B50 at 35°C

Material: Aluminum
Weight: 11.6 kg
THD: ＜15%

Driver: Built-in
Power Factor: ≥ 0.96
Input Voltage: 100-277V～50/60Hz



H(m)	LUX	D(cm)
3	75560	53
6	18890	107
9	8396	160
12	4723	213
15	3022	267

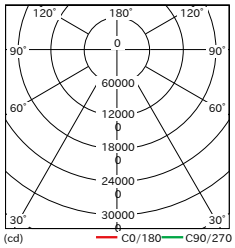
Item No.	Luminous Efficacy	Luminous Flux	CRI
FL-6500D-N750	143lm/W	71500lm	Ra≥70
FL-6500D-N850	133lm/W	66500lm	Ra≥80

Power: 500W Color Temperature: 5000K Beam Angle: 23°

IP 66 | IK 08 | -40°C~+40°C | ≥70,000hrs L70B50 at 35°C

Material: Aluminum
Cover: Tempered glass
Weight: 11.06 kg
THD: ＜15%

Driver: Built-in
Power Factor: ≥ 0.96
Input Voltage: 100-277V～50/60Hz



H(m)	LUX	D(cm)
3	30246	113
6	7562	226
9	3361	339
12	1890	452
15	1210	565

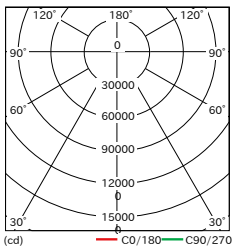
Item No.	Luminous Efficacy	Luminous Flux	CRI
FL-6500D-M750	145lm/W	72500lm	Ra≥70
FL-6500D-M850	134lm/W	67000lm	Ra≥80

Power: 500W Color Temperature: 5000K Beam Angle: 45°

IP 66 | IK 08 | -20°C~+40°C | ≥70,000hrs L70B50 at 35°C

Material: Aluminum
Cover: Tempered glass
Weight: 11.06 kg
THD: ＜15%

Driver: Built-in
Power Factor: ≥ 0.96
Input Voltage: 100-277V～50/60Hz



H(m)	LUX	D(cm)
3	12775	241
6	3194	482
9	1419	722
12	798	963
15	511	1204

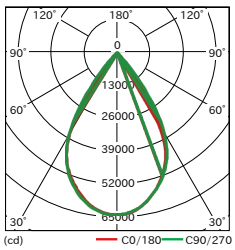
Item No.	Luminous Efficacy	Luminous Flux	CRI
FL-6500D-W750	119lm/W	59500lm	Ra≥70

Power: 500W Color Temperature: 5000K Beam Angle: 70°

IP 66 | IK 08 | -40°C~+40°C | ≥70,000hrs L70B50 at 35°C

Material: Aluminum
Cover: Tempered glass
Weight: 15.8kg
THD: ＜15%

Driver: Built-in
Power Factor: ≥ 0.96
Input Voltage: 100-277V～50/60Hz



H(m)	LUX	D(cm)
3	7111	358
6	1778	716
9	1243	1075
12	444	1433
15	284	1791

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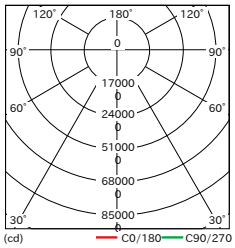
Item No.	Luminous Efficacy	Luminous Flux	CRI
FL-6001D-NN750	86lm/W	86000lm	Ra≥70

Power: 1000W Color Temperature: 5000K Beam Angle: 17°

IP 66 | IK 10 | -40°C~+40°C | ≥70,000hrs L70B50 at 35°C

Material: Aluminum
Weight: 23.5kg
THD: ＜15%

Driver: Built-in
Power Factor: ≥ 0.96
Input Voltage: 100-277V～50/60Hz



H(m)	LUX	D(cm)
3	90325	66
6	22581	133
9	10036	198
12	5645	265
15	3613	331

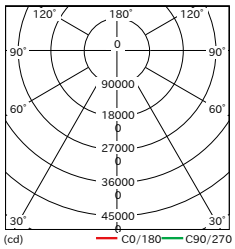
Item No.	Luminous Efficacy	Luminous Flux	CRI
FL-6001D-N750	148lm/W	148000lm	Ra≥70

Power: 1000W Color Temperature: 5000K Beam Angle: 26°

IP 66 | IK 08 | -40°C~+40°C | ≥70,000hrs L70B50 at 35°C

Material: Aluminum
Cover: Tempered glass
Weight: 22.3kg
THD: ＜15%

Driver: Built-in
Power Factor: ≥ 0.96
Input Voltage: 100-277V～50/60Hz



H(m)	LUX	D(cm)
3	49709	131
6	12427	261
9	5523	392
12	3107	522
15	1988	653

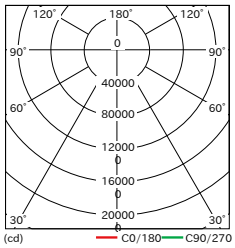
Item No.	Luminous Efficacy	Luminous Flux	CRI
FL-6001D-M750	141lm/W	141000lm	Ra≥70

Power: 1000W Color Temperature: 5000K Beam Angle: 51°

IP 66 | IK 08 | -20°C~+40°C | ≥70,000hrs L70B50 at 35°C

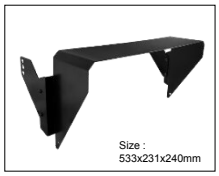
Material: Aluminum
Cover: Tempered glass
Weight: 22.3kg
THD: ＜15%

Driver: Built-in
Power Factor: ≥ 0.96
Input Voltage: 100-277V～50/60Hz



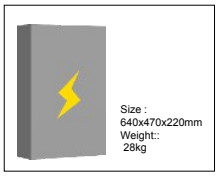
H(m)	LUX	D(cm)
3	21473	285
6	5368	569
9	2386	854
12	1342	1138
15	859	1423

Options

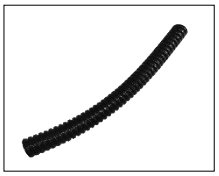


SHIELD COVER
Item No.:FL-6500-A01

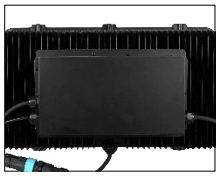
LASER SIGHT
Item No.:FL-6500-A02



ELECTRICAL BOX
Applicable for 4 units power suppliers and 1 unit controller
Item No.: FL-6500-A03



BIRD PROOF -
STAINLESS STEEL CONDUIT



DRIVER BOX
Dimension of Driver Box: 280×185×91mm
Weight of Driver Box：1.5kg
Weight of Driver：2.6kg
Weight of Set of Driver and Driver Box：4.1kg

SLIP FITTER BRACKET
Item No.:FL-6500-A06

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