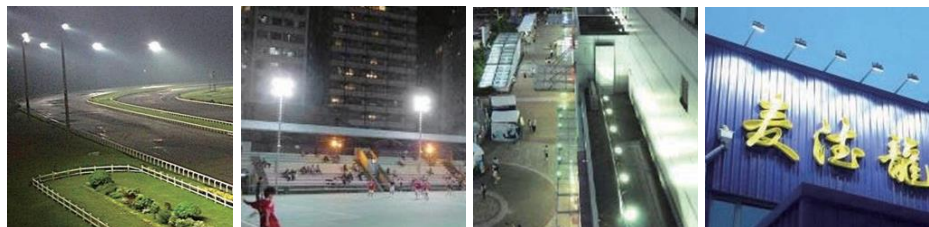




DELTA LED FLOOD LIGHT



Excellent Heat Dissipation

The specially designed heat sink does not let dust easily collect, while also allowing more air to flow through it, providing for greater heat dissipation and, in turn, improving the performance of a long-lasting, durable luminaire.

IP65

High Durability

A robust, protective design gives this luminaire an IP of 65 and the ability to handle harsh environments.



Optimal Optical Design

The unique and scientific combination design of lens and diffuser used gives good quality and quantity of light, where you need it. With options of beam angles to choose from, these luminaires are ideal for a number of applications.

SERIES

Full Flood Light Family

Together, these flood lights form a full family of products, thereby offering a full suite of luminaires suitable for a variety of both indoor and outdoor applications.



Energy Saving

The combination of high-efficacy LED components with excellent whole system design has SONARAY LED lighting achieving energy savings of 40% - 80% compared with traditional lighting sources.



Quality Core Component

Excellent luminaire design to the core: starting with the LED packages themselves. These luminaires only use high quality COB packages from CITELED – chipsets that have great quality and long life as backed by LM-80 and TM-21 reports. Quality inside the luminaires that shines from the outside.

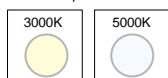
SONARAY™

DELTA LED FLOOD LIGHT 30W/40W

SONARAY™

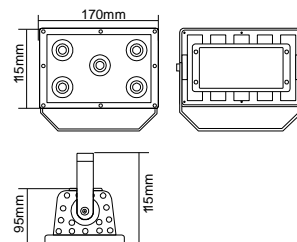


Color Temperature



Specifications

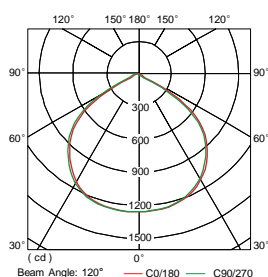
Material: Aluminum
Housing Color: Light Grey
Driver: Built-in
Input Voltage: AC100-277V~50/60Hz
Power Factor: ≥ 0.9
Operating Temperature: -25°C~+45°C, -13°F~+113°F
Lifetime: $\geq 50,000$ hrs



CE IP65 IK09

Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
FL-3030	30	3000	100	5000	65	120	1.2/2.65

Light Distribution Curve

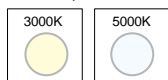


Illuminance Distribution

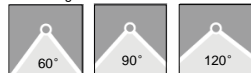
H(m)	E(lx)	D(cm)
1	1206	278
2	301	556
3	134	834
4	75	1112
5	48	1389
6	34	1667



Color Temperature

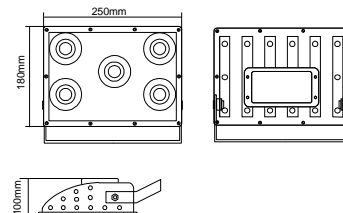


Beam Angle



Specifications

Material: Aluminum
Housing Color: Light Grey
Driver: Built-in
Input Voltage: AC100-277V~50/60Hz
Power Factor: ≥ 0.9
Operating Temperature: -25°C~+45°C, -13°F~+113°F
Lifetime: $\geq 50,000$ hrs



IP65 IK09

Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
FL-3040	40	3680	92	5000	65	90	2.53/5.58

Illuminance Distribution

H(m)	E(lx)
1	2730
2	636
3	253
4	145
5	101
6	77
7	55
8	46

H(m)	E(lx)
1	1396
2	347
3	140
4	83
5	62
6	48
7	35

H(m)	E(lx)
1	913
2	234
3	104
4	60
5	44
6	35

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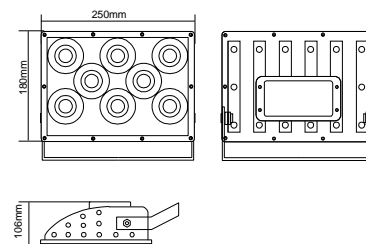
DELTA LED FLOOD LIGHT 60W/100W/130W

SONARAY™

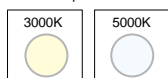


Specifications

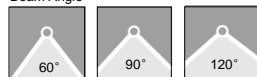
Material: Aluminum
Housing Color: Light Grey
Driver: Built-in
Input Voltage: AC100-277V~50/60Hz
Power Factor: ≥ 0.9
Operating Temperature: $-25^{\circ}\text{C} \sim +45^{\circ}\text{C}$, $-13^{\circ}\text{F} \sim +113^{\circ}\text{F}$
Lifetime: $\geq 50,000\text{hrs}$



Color Temperature

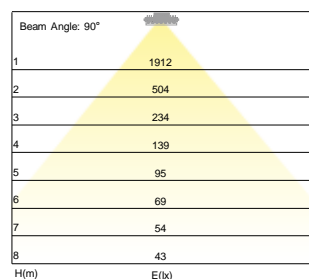


Beam Angle



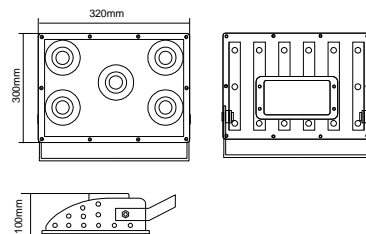
Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
FL-3060	60	5700	95	5000	65	90	2.53 / 5.58

Illuminance Distribution



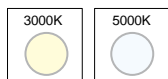
Specifications

Material: Aluminum
Housing Color: Light Grey
Driver: Built-in
Input Voltage: AC100-277V~50/60Hz
Power Factor: ≥ 0.9
Operating Temperature: $-25^{\circ}\text{C} \sim +45^{\circ}\text{C}$, $-13^{\circ}\text{F} \sim +113^{\circ}\text{F}$
Lifetime: $\geq 50,000\text{hrs}$

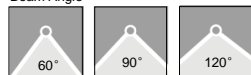


IP65 IK09

Color Temperature

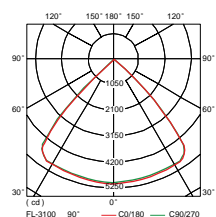


Beam Angle

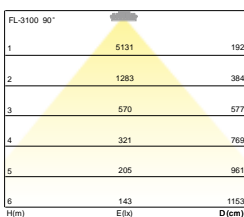


Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
FL-3100	100	10000	100	5000	65	90	5.64/12.43
FL-3130	130	13390	103	5000	65	90	5.64/12.43

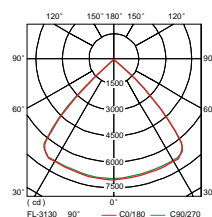
Light Distribution Curve



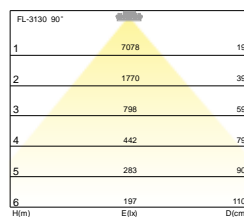
Illuminance Distribution



Light Distribution Curve



Illuminance Distribution



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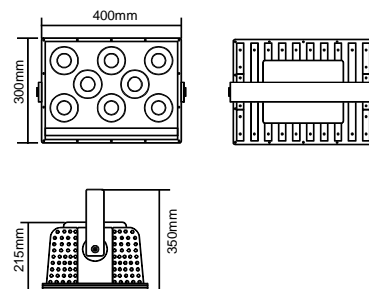
DELTA LED FLOOD LIGHT 250W/520W

SONARAY™



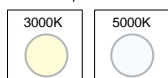
Specifications

Material: Aluminum
Housing Color: Light Grey
Driver: Built-in
Input Voltage: AC100-277V~50/60Hz
Power Factor: ≥ 0.9
Operating Temperature: $-25^{\circ}\text{C} \sim +45^{\circ}\text{C}$, $-13^{\circ}\text{F} \sim +113^{\circ}\text{F}$
Lifetime: $\geq 50,000$ hrs

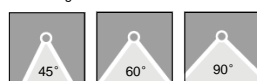


CE US IP65 IK09

Color Temperature

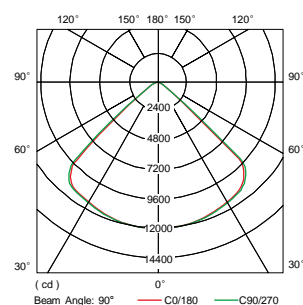


Beam Angle



Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
FL-3250	250	26250	105	5000	65	90	9.13/20.13

Light Distribution Curve



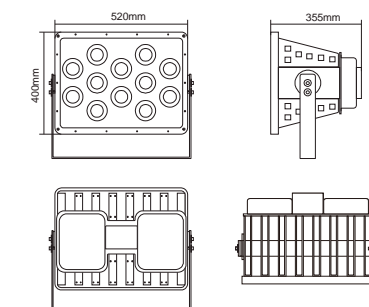
Illuminance Distribution

Beam Angle: 90°		
H(m)	E(lx)	D(cm)
1	11859	229
2	2965	458
3	1318	688
4	741	916
5	474	1146
6	329	1375



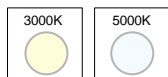
Specifications

Material: Aluminum
Housing Color: Light Grey
Driver: Built-in
Input Voltage: AC100-277V~50/60Hz
Power Factor: ≥ 0.9
Operating Temperature: $-25^{\circ}\text{C} \sim +45^{\circ}\text{C}$, $-13^{\circ}\text{F} \sim +113^{\circ}\text{F}$
Lifetime: $\geq 50,000$ hrs

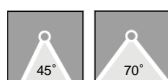


CE IP65 IK09

Color Temperature

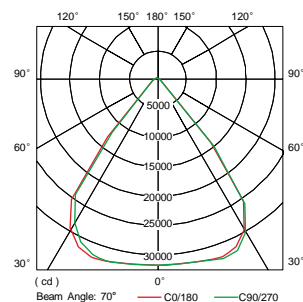


Beam Angle



Model No.	Power	Luminous Flux	Luminous Efficacy	Color Temperature	CRI	Beam Angle	Weight
	(W)	(lm)	(lm/W)	(K)	(Ra)	(°)	(kg/lb)
FL-3520	520	52000	100	5000	65	70	23/50.71

Light Distribution Curve



Illuminance Distribution

Beam Angle: 70°		
H(m)	E(lx)	D(cm)
1	26328	
2	5859	
3	2920	
4	1730	
5	1111	
6	836	
7	672	
8	530	
9	454	
10	301	
11	255	
12	188	

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