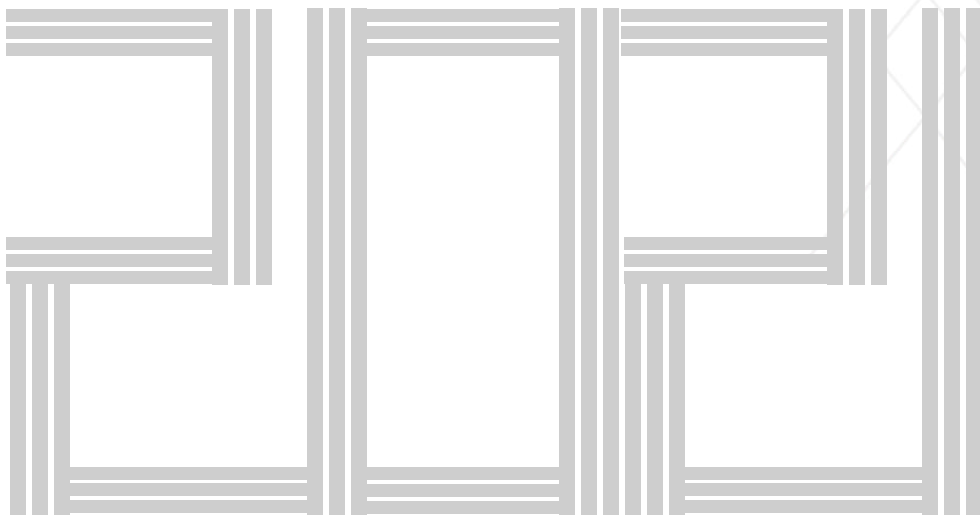




PRODUCTS
CATALOG

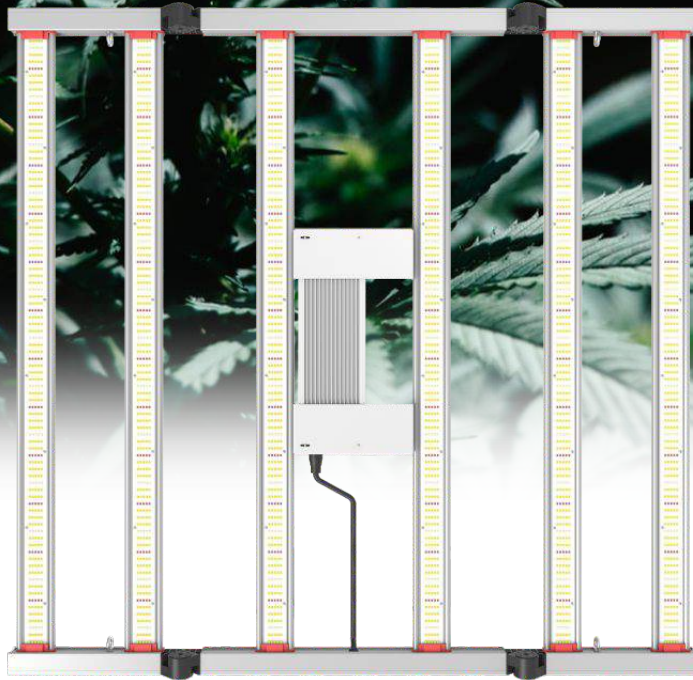




LED GROW LIGHT

LED Grow Light

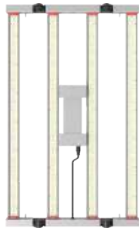
HICOO SERIES



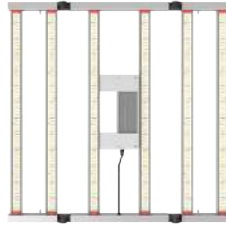
Hicoo series is a full-cycle top-lighting solution for commercial cannabis cultivation, with the power to scale from vegetative growth to higher light intensities in bloom. The FULL SPECTRUM white LEDs provide a perfect spectral performance for cannabis in the early stages of plant growth, leafy greens and mother plants.

- Power: 440W, 660W, 720W
- PPF: 1848 μ mol/s@220V@660W
- PPE: 2.8 μ mol/j@220V
- Spectrum: Full Spectrum
- Dimming: 0~10V
- IP Rating: IP66
- Certificates: ETL, DLC, CE, RoHS

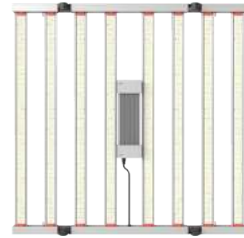
Power



HICOO 440



HICOO 660

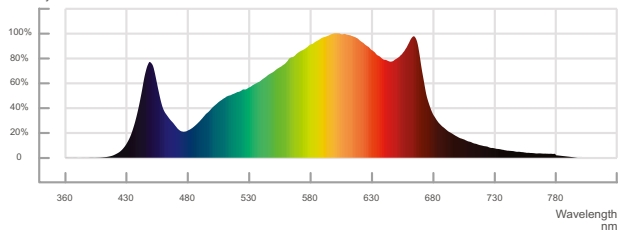


HICOO 720

Spectrum

Measurements of Normalized
Photosynthetic Photon Flux

FULL SPECTRUM



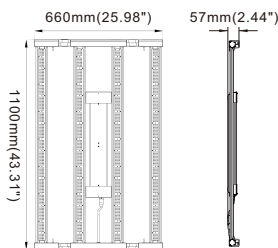
Certificates



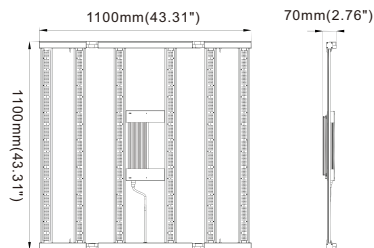
Product Parameter

Model	Power	PPF	PPE	Dimming	Spectrum	IP Rating	LED Source	Input Voltage
HICOO 440	440W	1200 μ mol/s	2.74 μ mol/j	0-10V	Full Spectrum	IP66	Philips&Osram	AC100-300V, 200-480V
HICOO 660	660W	1848 μ mol/s	2.8 μ mol/j	0-10V	Full Spectrum	IP66	Philips&Osram	AC100-300V, 200-480V
HICOO 720	720W	2016 μ mol/s	2.8 μ mol/j	0-10V	Full Spectrum	IP66	Philips&Osram	AC100-300V, 200-480V

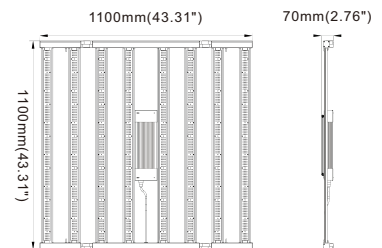
Product Dimensions



HICOO 440

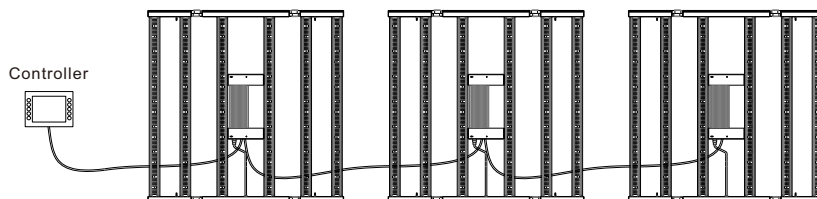


HICOO 660



HICOO 720

Dimming&Daisy Chain



Smart Digital Controller

AUTO	
Dimming	0-10V
Power	0-100%
Temperature Induction	<input checked="" type="checkbox"/>
Timing Control	<input checked="" type="checkbox"/>

LED HIGH BAY



- 100W, 150W, 200W
- 150lm/W
- Beam Angle: 60°/90°/120°
- 7 years warranty
- 1-10V DC dimmable
- ISO9001, CE, RoHS
- During warranty period SUNPER promise compensate two for broken one



B SERIES

One broken, we promise compensate two!

150
LM/W

65
IP

7 years
Warranty

Power Options



100W



150W

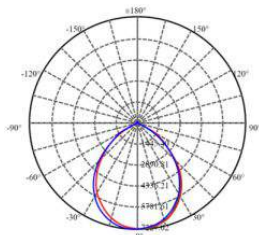


200W

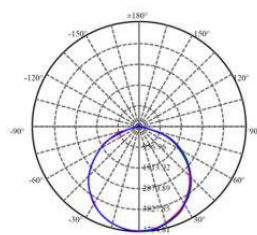
Product Parameter

Model	Power	CRI	Voltage	PF	Beam Angle	Light Efficiency	Lumens	Warranty
SP-HB-100WB	100W	80	AC100-277V	>0.95	60°/90°/120°	150lm/W	15,000lm	7 Years
SP-HB-150WB	150W	80	AC100-277V	>0.95	60°/90°/120°	150lm/W	22,500lm	7 Years
SP-HB-200WB	200W	80	AC100-277V	>0.95	60°/90°/120°	150lm/W	30,000lm	7 Years

Light Distribution Curve



90°



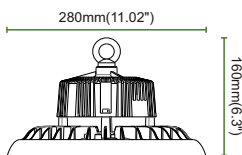
120°

Warranty

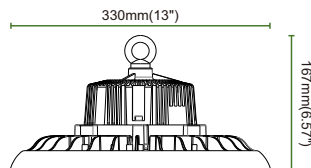
Get **7** Years by using 5 years warranty price

What's more
One Broken
Compensate two

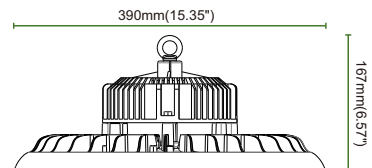
Product Dimensions



100W



150W



200W

Certificates



Materials

Driver	MOSO/MEANWELL
LED Source	PHILIPS(LUMILEDS)
CCT	2700K ~ 6500K
Ambient Temperature	-35°C ~ 60°C
Dimming	1-10V
Reports	IES, TM21, LCP, LM79
IP Rating	IP64

- 100W, 150W, 200W
- 130lm/W
- Beam Angle: 60°/90°/110°
- 5 years warranty
- 1-10V DC dimmable/PWM signal dimmable/resistance dimmable



O SERIES

The most cost effective solution of LED High Bay

130
LM/W

64
IP

08
IK

Power Options



100W



150W

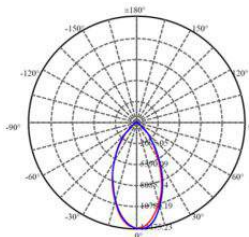


200W

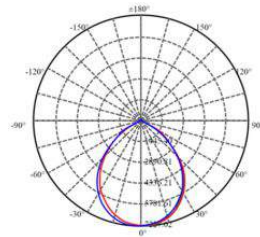
Product Parameter

Model	Power	CRI	Voltage	PF	Beam Angle	Light Efficiency	Lumens
SP-HB-100WO	100W	80	AC100-277V	>0.95	60°/90°/110°	130lm/W	13,000lm
SP-HB-150WO	150W	80	AC100-277V	>0.95	60°/90°/110°	130lm/W	19,500lm
SP-HB-200WO	200W	80	AC100-277V	>0.95	60°/90°/110°	130lm/W	26,000lm

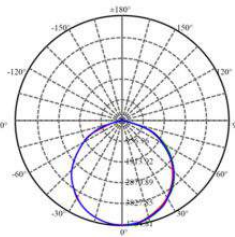
Light Distribution Curve



60°



90°



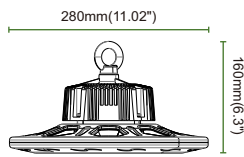
110°

Dimming

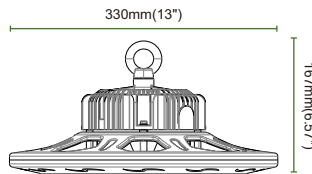


1-10V

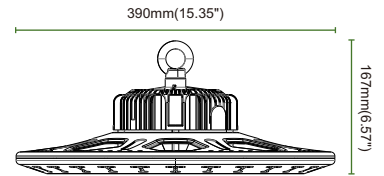
Product Dimensions



100W



150W



200W

Certificates



Materials

Driver	MEANWELL/SOSEN/SUNPER
LED Source	PHILIPS(LUMILEDS)
CCT	2700K ~ 6500K
Ambient Temperature	-35°C ~ 60°C
Dimming	1-10V
Reports	IES, TM21, LCP, LM79
IP Rating	IP64

H SERIES

Super High Lumen Output

190

LM/W

MEANWELL & CREE

- 100W, 150W, 200W
- 190~200LM/W
- Beam Angle: 60°/90°
- 5 years warranty
- Microwave Sensor
- ISO9001, TUV, SAA, CE, RoHS



Power Options



100W



150W

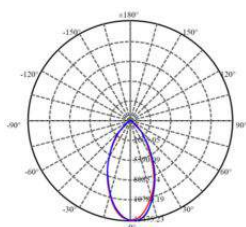


200W

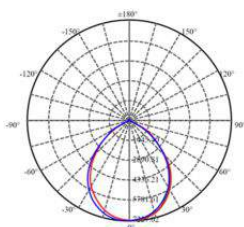
Product Parameter

Model	Power	CRI	Input Voltage	PF	Beam Angle	Light Efficiency	Lumens
SP-HB-100WH	100W	70	AC 100~277V	>0.95	60°/90°	190LM/W	19,000lm
SP-HB-150WH	150W	70	AC 100~277V	>0.95	60°/90°	190LM/W	28,500lm
SP-HB-200WH	200W	70	AC 100~277V	>0.95	60°/90°	190LM/W	38,000lm

Light Distribution Curve



60°

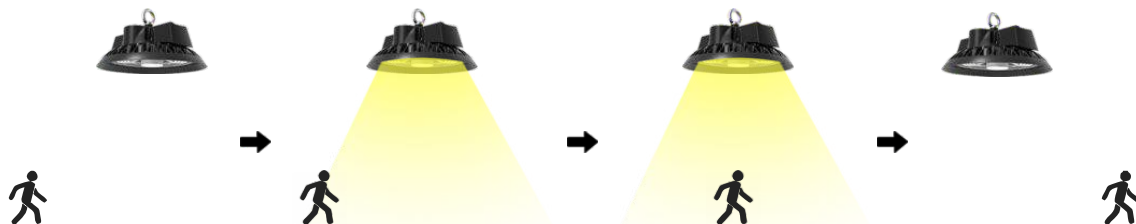


90°

Materials

Driver	MEANWELL/SOSEN
LED Source	Cree
CCT	2700K ~ 6500K
Ambient Temperature	-35°C ~ 55°C
Dimming	1-10V / Microwave Sensor
Reports	IES, TM21, LCP, LM79
IP Rating	IP65

Microwave Sensor



Certificates



LED Street Light



H Series

LED Street Light

- 20W,30W,40W,50W,60W,80W,120W,120W,150W
- Up to 150lm/W
- Beam Angle: 60°/90°/120°/T 2M/T 3M
- 5 years warranty
- Routine/1-10V DC dimmable/PWM singal dimmable/resistance dimmable/Photocell control
- TUV/RCM/CB/CE/RoHS certificates

Brief, but not simple

Applied for highway lighting, garden roadway lighting, parking lot lighting, large square lighting, airport lighting, street lighting, etc.

145

LM/W

66

IP

08

IK

10_{kv}

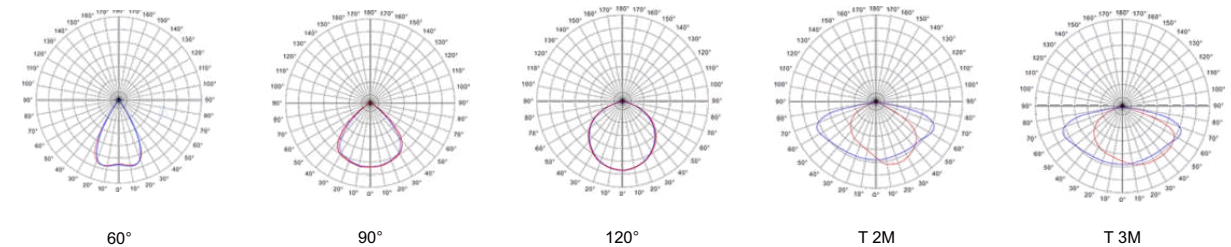
SPT

Product Parameter

Model	Power	CRI	Input Voltage	PF	Beam Angle	Light Efficiency	Lumens
SP-ST-20WH	20W	70	AC 100-277V	>0.95	60°/90°/120°/T 2M/T 3M	145LM/W	2,900lm
SP-ST-30WH	30W	70	AC 100-277V	>0.95	60°/90°/120°/T 2M/T 3M	145LM/W	4,350lm
SP-ST-40WH	40W	70	AC 100-277V	>0.95	60°/90°/120°/T 2M/T 3M	140LM/W	5,600lm
SP-ST-50WH	50W	70	AC 100-277V	>0.95	60°/90°/120°/T 2M/T 3M	145LM/W	7,250lm
SP-ST-60WH	60W	70	AC 100-277V	>0.95	60°/90°/120°/T 2M/T 3M	140LM/W	8,400lm
SP-ST-80WH	80W	70	AC 100-277V	>0.95	60°/90°/120°/T 2M/T 3M	145LM/W	11,600lm
SP-ST-100WH	100W	70	AC 100-277V	>0.95	60°/90°/120°/T 2M/T 3M	145LM/W	14,500lm
SP-ST-120WH	120W	70	AC 100-277V	>0.95	60°/90°/120°/T 2M/T 3M	140LM/W	16,800lm
SP-ST-150WH	150W	70	AC 100-277V	>0.95	60°/90°/120°/T 2M/T 3M	145LM/W	21,750lm



Light Distribution Curve



Colors

White & Gray



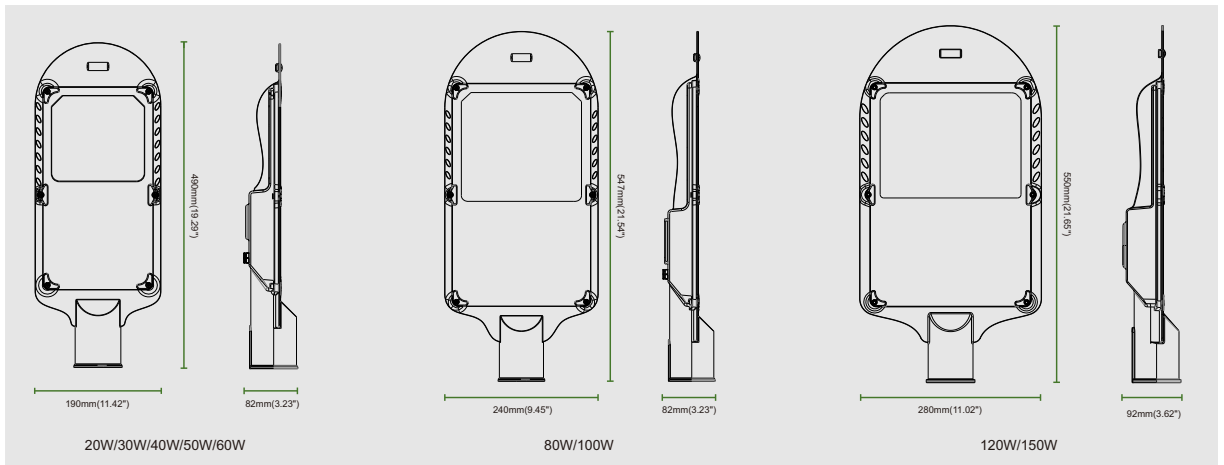
Certificates



Brief, but not simple

- 1 Simple and beautiful lines,
presenting classical aesthetic design.
- 2 Excellent performance,
Ip66, >54,000hrs, up to 150lm/w...

Dimensions



Accessories



Pole Hole's Size



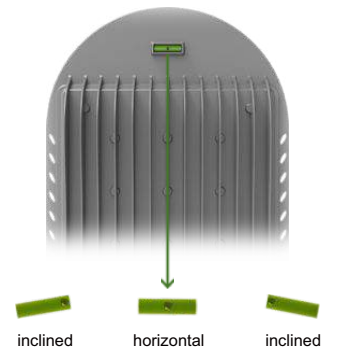
Materials

Driver	MEANWELL/SOSEN
LED Source	PHILIPS(LUMILEDS)
CCT	2700K ~ 6500K
Ambient Temperature	-20°C ~ 50°C
Smart Control	1-10V dimming / Photocell Control / Microwave Sensor
Reports	CB, TUV, RCM, CE, RoHS, TM21, LCP, LM79, IES, IK08

Smart Control



Balance Instrument





130

LM/W

66

IP

08

IK

E Series

LED Street Light

- 60W, 100W, 150W, 200W
- 130lm/W
- Beam Angle: Type II/ Type III/Type V
- 5 years warranty
- Photocell control
- TUV/RCM/CB/CE/RoHS certificates

Experience enhanced traffic safety and energy efficiency.
Lights for smart cities and public spaces.



60W



100W



150W

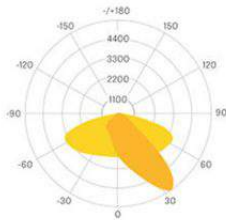


200W

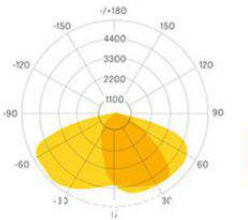
Product Parameter

Model	Power	CRI	Voltage	PF	Beam Angle	Light Efficiency	Lumens
SP-ST-60WE	60W	70	AC100-277V	>0.95	Type II/ TypeIII/Type V	130lm/W	7,800lm
SP-ST-100WE	100W	70	AC100-277V	>0.95	Type II/ TypeIII/Type V	130lm/W	13,000lm
SP-ST-150WE	150W	70	AC100-277V	>0.95	Type II/ TypeIII/Type V	130lm/W	19,500lm
SP-ST-200WE	200W	70	AC100-277V	>0.95	Type II/ TypeIII/Type V	130lm/W	26,000lm

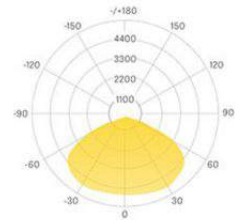
Light Distribution Curve



Type II

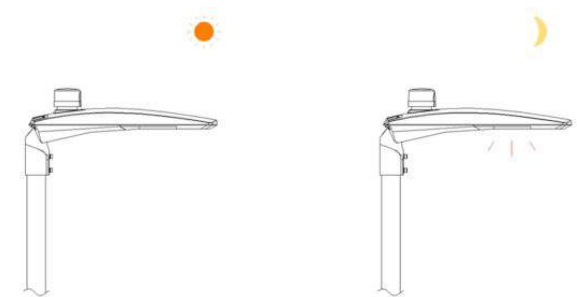


Type III



Type V

Photocell Control



Certificates



Easy Maintenance

You can then check and replace the driver without any technical proficiency by pushing the spring sheets and opening the lower cover when the lights are out of order.

Materials

Driver	MEANWELL
LED Source	PHILIPS(LUMILEDS)
CCT	2700K ~ 6500K
Ambient Temperature	-35°C ~ 45°C
Smart Control	1-10V dimming / Photocell Control / Microwave sensor
Reports	IES, TM21, LCP, LM79

LED Flood Light





130

LM/W

66

IP

08

IK

H Series

LED Flood Light

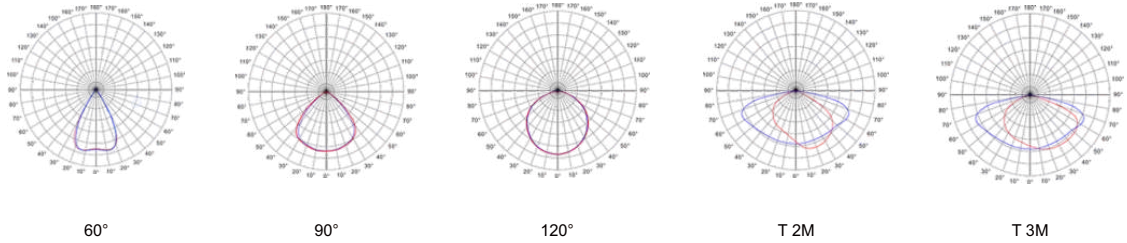
- 50W,100W,150W,200W,240W,300W
- 130lm/W
- Beam Angle: 30°/60°/90°/T 2M/T 3M
- 5 years warranty
- Routine/0-10V DC dimmable/PWM singal dimmable/resistance dimmable/Photocell control

Product Parameter

Model	Power	CRI	Voltage	PF	Beam Angle	Light Efficiency	Lumens
SP-FL-50WH	50W	70	AC100-277V	>0.95	30°/60°/90°/120°/T 2M/T 3M	130lm/W	6,500lm
SP-FL-100WH	100W	70	AC100-277V	>0.95	30°/60°/90°/120°/T 2M/T 3M	130lm/W	13,000lm
SP-FL-150WH	150W	70	AC100-277V	>0.95	30°/60°/90°/120°/T 2M/T 3M	130lm/W	19,500lm
SP-FL-200WH	200W	70	AC100-277V	>0.95	30°/60°/90°/120°/T 2M/T 3M	130lm/W	26,000lm
SP-FL-240WH	240W	70	AC100-277V	>0.95	30°/60°/90°/120°/T 2M/T 3M	130lm/W	32,500lm
SP-FL-300WH	300W	70	AC100-277V	>0.95	30°/60°/90°/120°/T 2M/T 3M	130lm/W	39,000lm



Light Distribution Curve



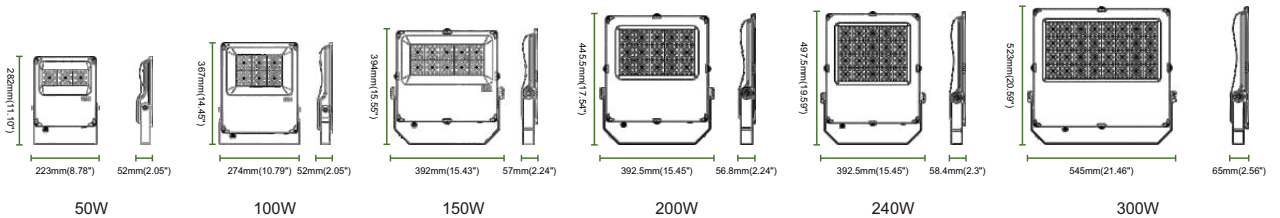
Materials

Driver	MEANWELL
LED Source	PHILIPS(LUMILEDS)
CCT	2700K ~ 6500K
Ambient Temperature	-20°C ~ 50°C
Smart Control	1-10V dimming / Photocell Control / Microwave sensor
Reports	IES, TM21, LCP, LM79

Certificates



Dimensions





130

LM/W

66

IP

08

IK

G Series

LED Flood Light

- 100W, 150W, 200W, 240W, 300W
- 150lm/W
- Beam Angle: 20°/30°/60°/90°/P50/100°*50°
- 5 years warranty
- Routine/0-10V DC dimmable/PWM singal dimmable/resistance dimmable/Photocell control



100W

150W

200W

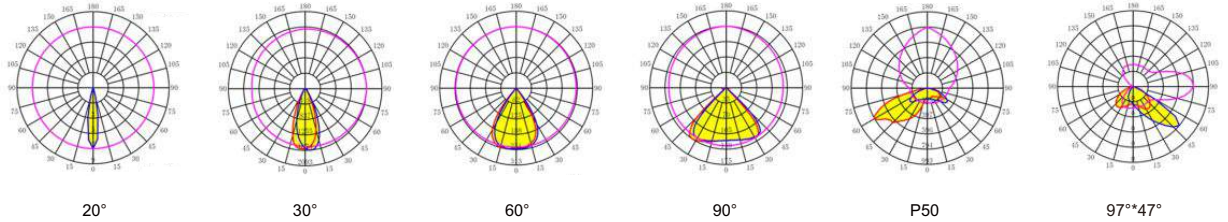
240W

300W

Product Parameter

Model	Power	CRI	Voltage	PF	Beam Angle	Light Efficiency	Lumens
SP-FL-100WG	100W	70	AC100-277V	>0.95	20°/30°/60°/90°/120°/P50/97°*47°	150lm/W	15,000lm
SP-FL-150WG	150W	70	AC100-277V	>0.95	20°/30°/60°/90°/120°/P50/97°*47°	150lm/W	22,500lm
SP-FL-200WG	200W	70	AC100-277V	>0.95	20°/30°/60°/90°/120°/P50/97°*47°	150lm/W	30,000lm
SP-FL-240WG	240W	70	AC100-277V	>0.95	20°/30°/60°/90°/120°/P50/97°*47°	150lm/W	36,000lm
SP-FL-300WG	300W	70	AC100-277V	>0.95	20°/30°/60°/90°/120°/P50/97°*47°	150lm/W	45,000lm

Light Distribution Curve



20°

30°

60°

90°

P50

97°*47°

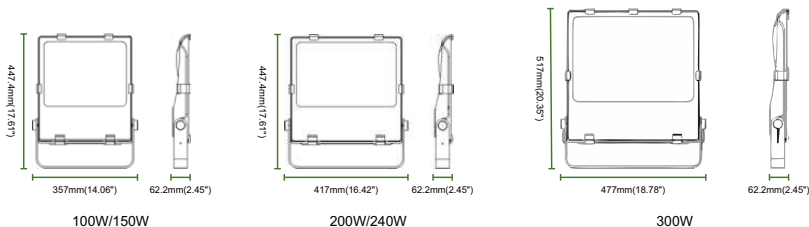
Glass+Lens



Materials

Driver	MEANWELL XLG Series
LED Source	PHILIPS(LUMILEDS)
CCT	2700K ~ 6500K
Ambient Temperature	-20°C ~ 50°C
Smart Control	1-10V
Reports	IES, TM21, LCP, LM79

Dimensions



Certificates



Contact US

SHENZHEN SUNPER OPTO CO., LTD.



sales@sunper.net



+86 189 3890 2515



+86 755 2351 9099



Block C. Sanmin Industrial Park, Shiyao Street
Bao'an District, Shenzhen, Guangdong, China



<https://www.sompor.com> / <http://www.sunper.net>