

Vantage 13 LED Flood

The high-quality ambient illumination of the Vantage 13 flood light contributes to a safe environment for any outdoor areas. Its unique design creates a perfectly uniform visual appearance and outperforms conventional HID systems. With good performance of durability and versatility, the Vantage 13 can be used in applications where lightweight and high efficacy fixtures are demanded. Full series available by 200W to 1200W, ideal to retrofit the 400W to 3000W traditional lamps. The compact modular design gets a quick assembly and flexible installation. Easy to adjust the light angle and create the diversity of lighting environment.



Product Specification

Key FEATURES

- Modular design from 200W to 1200W.
- Power 200W, 400W, 600W, 800W, 1200W
- Efficiency up to 135lm/W, more energy saving.
- Separate driver box to reduce heat and increase lifespan
- Electrophoresis and powder coating with anti-corrosion.
- 10kV build-in surge protection devices.
 - Multiple optics lens optional 10°/ 15°/30°/45°/60° and asymmetric
- Surge Protection 6kV line-line, 10kV line-earth, 20KV
- Lifetime of LED @Ta=25°C (200 – 600w)
 - 53,000hrs-L90
 - 111,000hrs-L80
 - 176,000hrs-L70
- IP65 & IK08 protection

Applications

- Parking lots
- Outdoor sports fields
 - Square
 - Stadium
- Recreational sports (tennis courts, basketball courts...)
 - Exhibition Center

New FEATURES

- Each module can be adjusted separately
 - A vent designed for balancing the atmosphere pressure and avoiding moisture
- Vertically angle adjustment, easy way to adjust the light angle

(200 – 600W)

Electrical INFORMATION

Model No.	FLD4N/20050013	FLD4N/40050013	FLD4N/60050013
Power Consumption(±3%)	200W(±5%)	400W	600W
Power Supply	INVENTRONICS		
Input Voltage	100-240 VAC, 50 / 60 Hz		
Power Factor	>0.92		
Surge Protection	6KV line-line, 10KV line-earth	20KV	
Driver Type	Constant Current (CC)		
Control	1-10v dimmable, DALI, DMX control		

(200 – 600W)

Optic INFORMATION

LED Type 1	LED 5050 (for 30°, 45°, 60°,38x100°)		
Luminous Flux (±10%)	27000lm	54000lm	81000lm
Efficacy(5000K Ra70)	135LM/W		
Beam Angle	F06003, F06005, F06006, F07001		
LED Type 2	LED 3737 (for 10°, 15°, 15x40°)		
Luminous Flux (±10%)	25000lm	50000lm	75000lm
Efficacy(5000K Ra70)	125LM/W		
Beam Angle	F06001, F06002, F06004		
Correlated Color Temperature	5000K (3000K, 4000K, 5700K optional)		
Colour Rendering Index	Ra70 (Ra80 optional)		



200W

400W



600W

(200 – 600W)

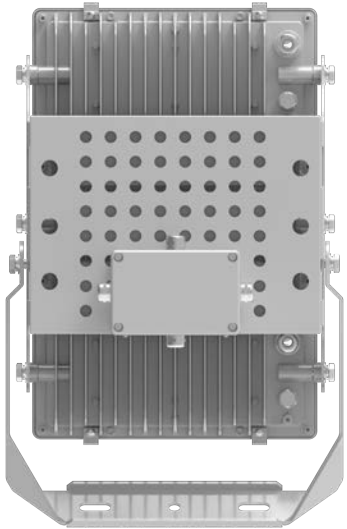
Product Dimension	321×316×118mm	419×340×222mm	529×340×226mm
Luminaire Net Weight	4.1±0.3kg	9.4±0.3kg	15.3±0.5kg
Export Carton Size	360×160×375mm	478×270×390mm	598×280×400mm
Gross Weight	4.7±0.3kg	10.6±0.3kg	16.8±0.5kg
Mounting Option	Bracket Mounting		
Material	Aluminum Alloy		
	Tempered Glass and Polycarbonate Optical Lens		
Finish	Powder Coating		
Fixture Color	Silvery		
EPA	0.6ft²	1.34ft²	1.96ft²
IK Rating	IK08		
IP Rating	IP66		

(200 – 600W)

Operating Temperature	-30°C to + 40°C
	53,000hrs-L90
Lifetime of LED @Ta=25°C	111,000hrs-L80
	176,000hrs-L70
Warranty	5 Years

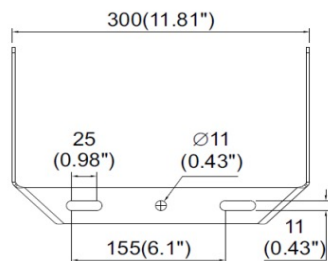
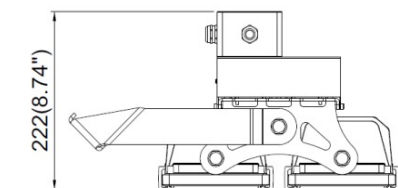
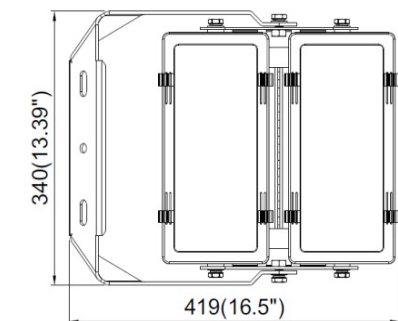
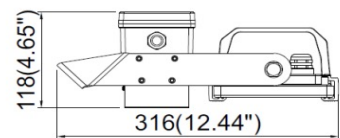
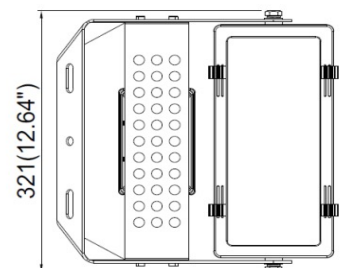
Dimensions & MOUNT

Lifespan & WARRANTY

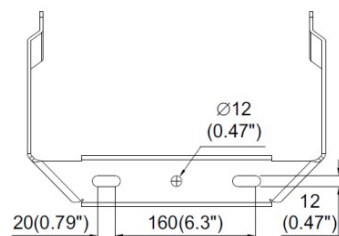


600W

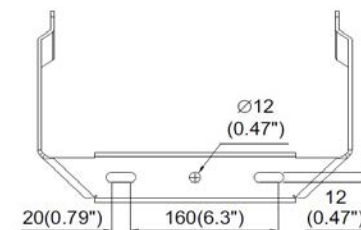
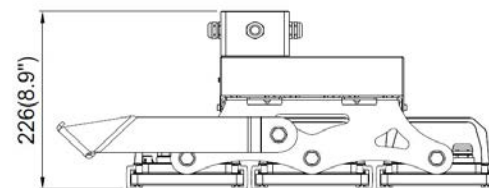
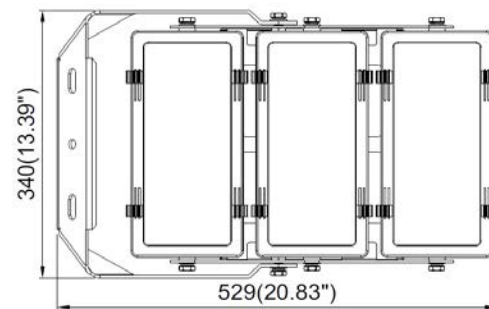
DimenSIONS (mm)



200W



400W



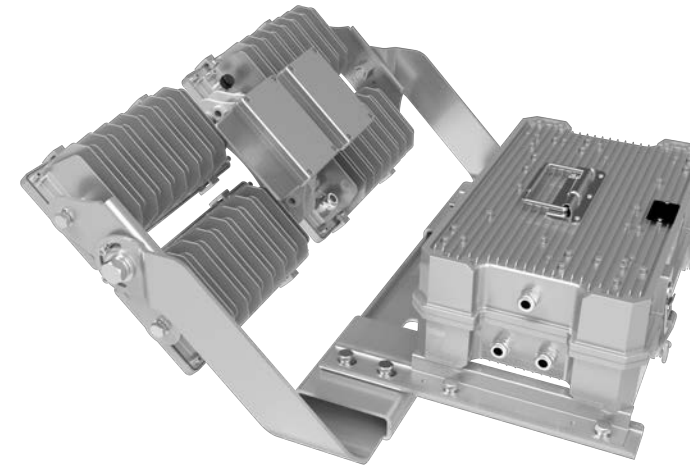
600W

(800 – 1200W) Electrical INFORMATION

Model No.	FLD4N/80050013	FLD4N/120050013
Power Consumption(±3%)	800W	1200W
Power Supply	SOSEN	
Input Voltage	100-240 VAC, 50 / 60 Hz	
Power Factor	>0.92	
Surge Protection	20KV	
Driver Type	Constant Current (CC)	
Control	1-10v dimmable, DALI, DMX control	

(800 – 1200W) Optic INFORMATION

LED Type 1	LED 5050 (for 30°, 45°, 60°, 38x100°)	
Luminous Flux (±10%)	108000lm	162000lm
Efficacy(5000K Ra70)	135LM/W	
Beam Angle	F06003, F06005, F06006, F07001	
LED Type 2	LED 3737 (for 10°, 15°, 15x40°)	
Luminous Flux (±10%)	100,000lm	150,000lm
Efficacy(5000K Ra70)	125LM/W	
Beam Angle	F06001, F06002, F06004	
Correlated Color Temperature	5000K (3000K, 4000K, 5700K optional)	
Colour Rendering Index	Ra70 (Ra80 optional)	



800W

(800 – 1200\W)

Product Dimension

Luminaire Net Weight

Export Carton Size

Gross Weight

Mounting Option

Material

Finish

Fixture Color

EPA

IK Rating

IP Rating

(800 – 1200\W)

Operating Temperature

Lifetime of LED @Ta=25°C

Warranty

Dimensions & MOUNT

Fixture body	674×631×368mm	Fixture body	674×640×473mm
Driver box	458×278×159mm		
Fixture body	21.7±0.3kg	Fixture body	26.6±0.3kg
Driver box	12.7±0.3kg		
Fixture body	760x620x300mm	Fixture body	760x710x300mm
Driver box	477x340x210mm		
Fixture body	24.5±0.3kg	Fixture body	29.8±0.3kg
Driver box	13.7±0.3kg		
Bracket Mounting			
Aluminum Alloy			
Tempered Glass and Polycarbonate Optical Lens			
Powder Coating			
Silvery			
Fixure body	2.74ft²	Fixture body	3.87ft²
Driver box	2.09ft²		
IK08			
IP66			

Lifespan & WARRANTY

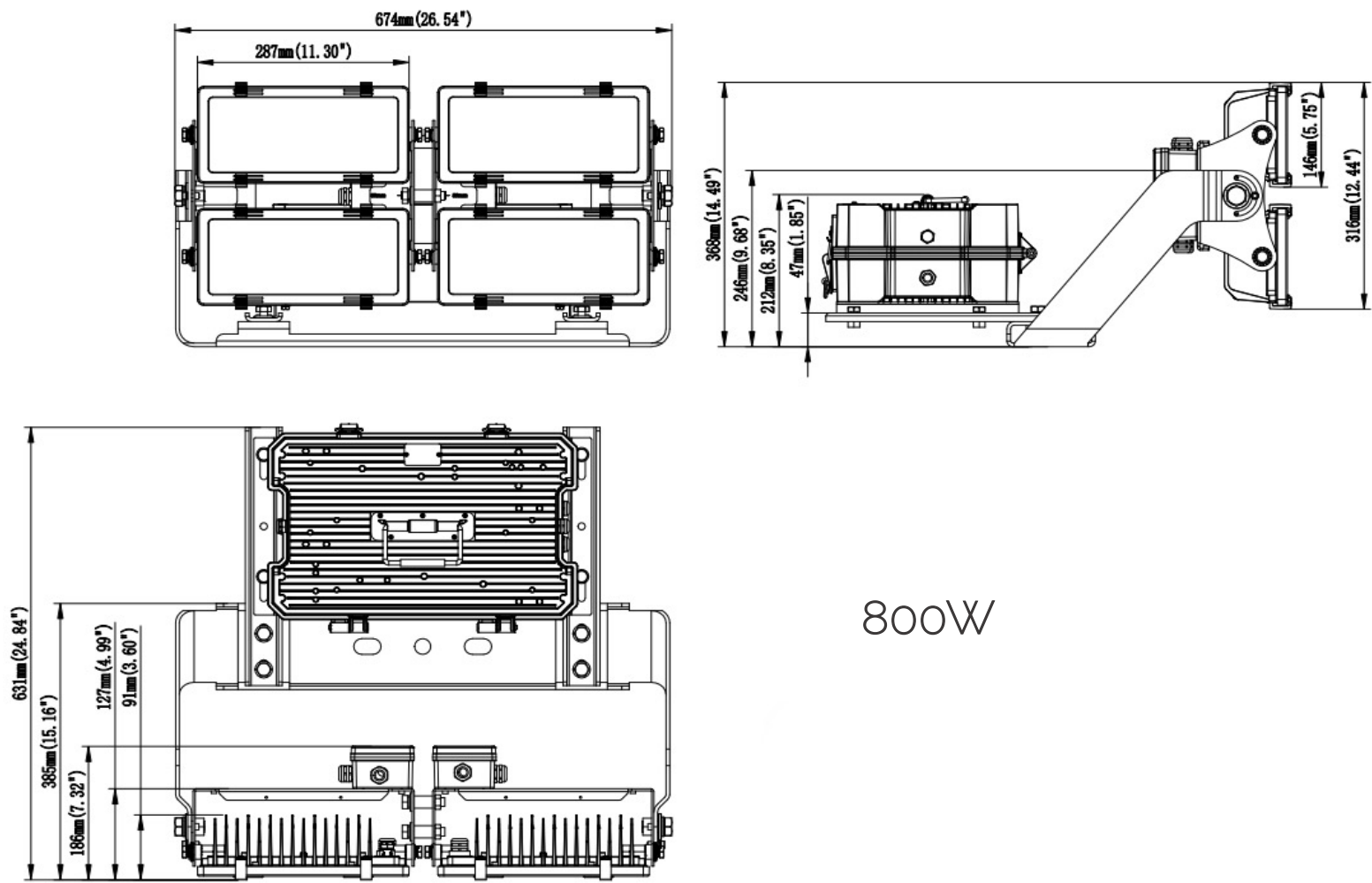
-30°C to + 40°C
41,000hrs-L90
85,000hrs-L80
135,000hrs-L70
5 Years



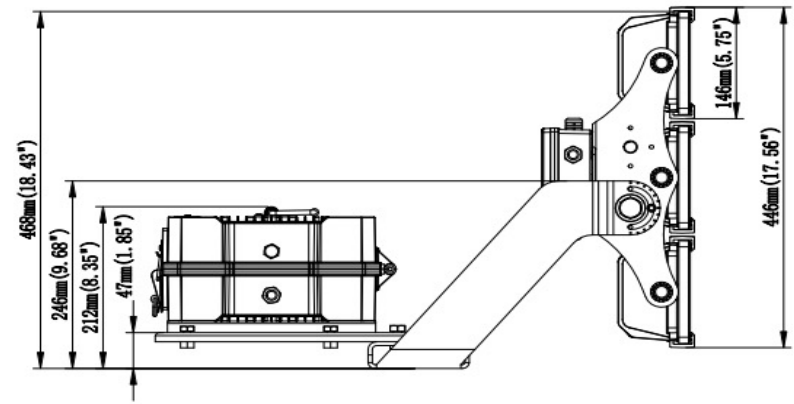
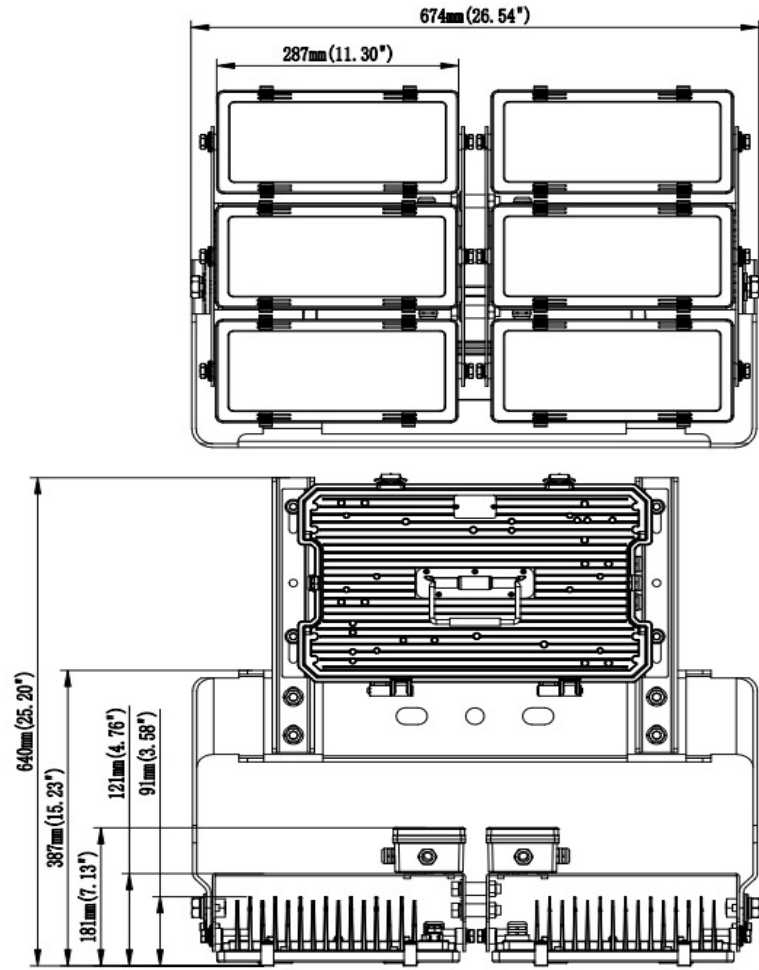
1200W

Technical Data

DimenSIONS (mm)

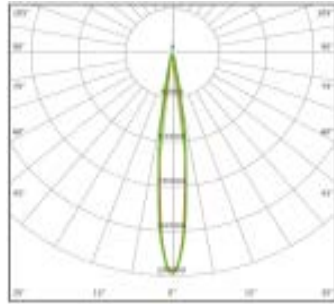


DimenSIONS (mm)

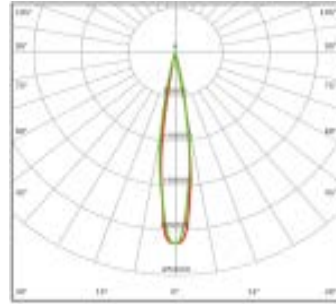


1200W

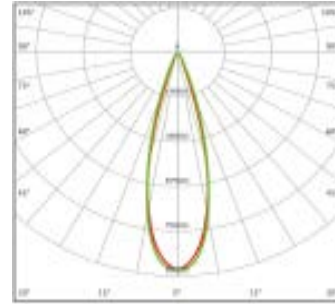
Beam ANGLE



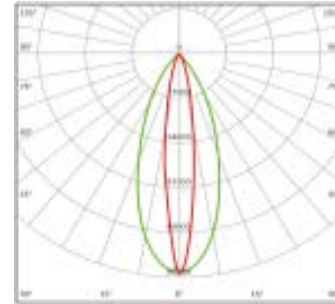
F06001



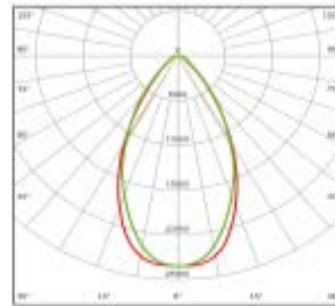
F06002



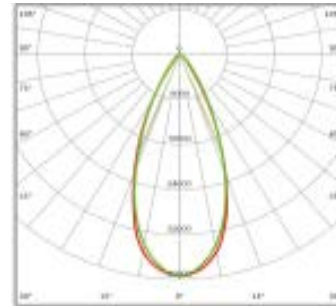
F06003



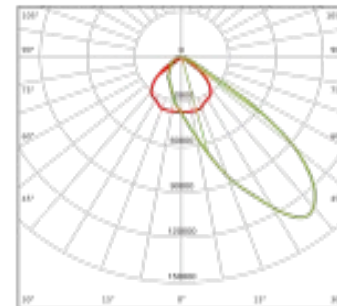
F06004



F06005

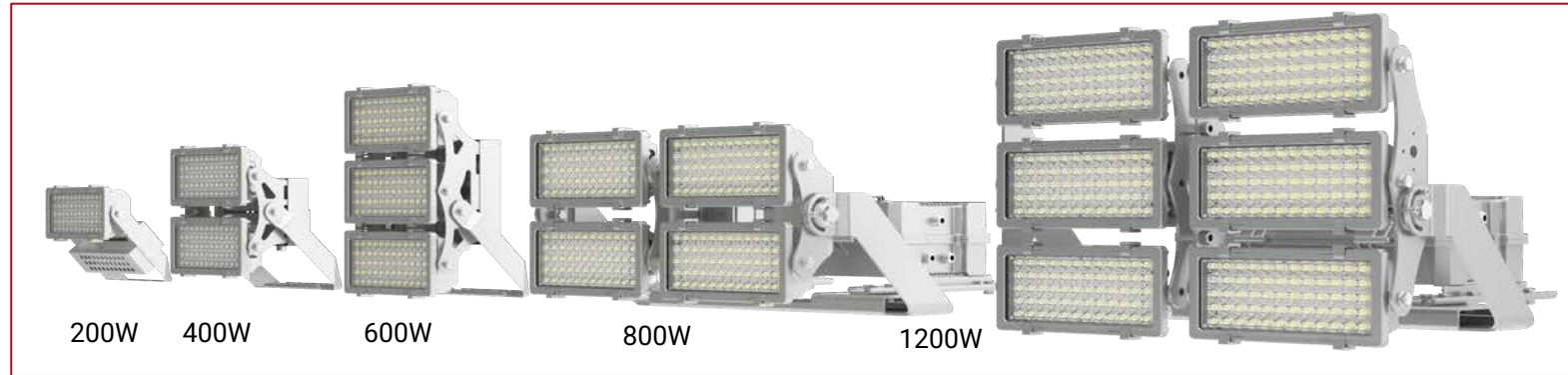


F06006



F07001

MountING



Bracket mounting



AccessORIES



Visor
SPCC materials for single
LED module.



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