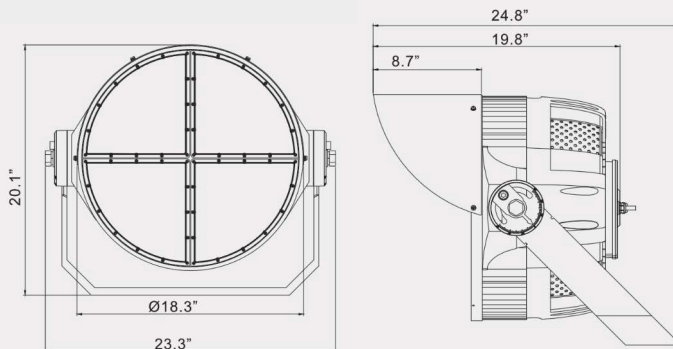
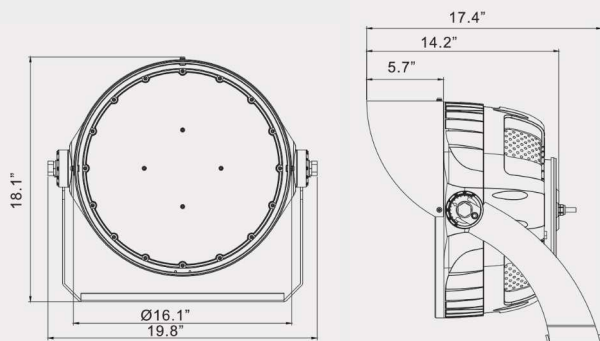




## TECHNICAL DRAWINGS

\*LCFLDSP-300-400-500-600W-50K-UV

\*LCFLDSP-700-800-900-1000W-50K-UV



## FEATURES AND BENEFITS

- Wattage : 300W-1000W
- Input Voltage : 120-347V
- Power Frequency : 50/60Hz
- Power Factor : >0.90
- Efficiency : 150lm/W

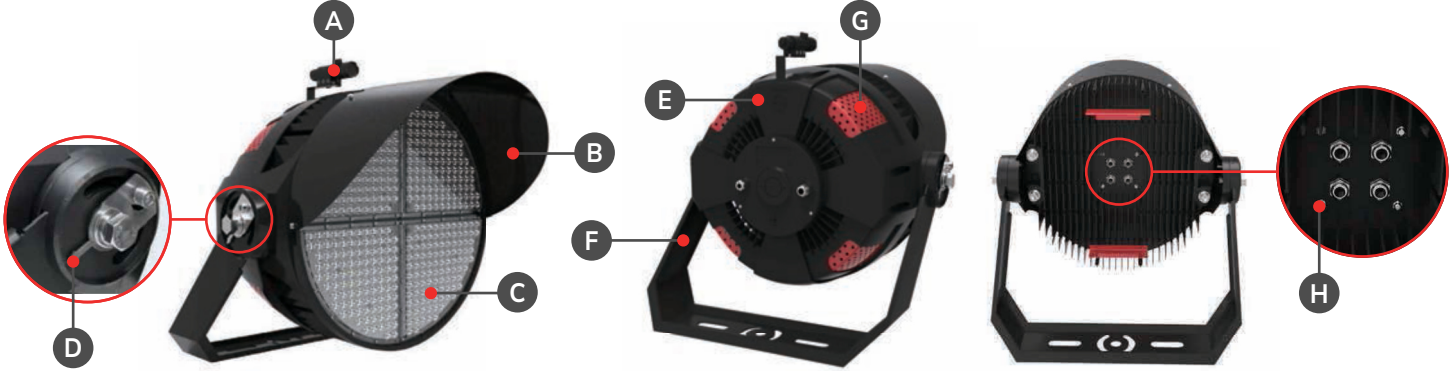
## OPTICAL DATA

- LED Type : 5050 LED
- CCT : 5000K
- CRI : >70
- Beam Angle : 15°/25°/40°/60°/80°
- Dimming : 1-10V

### Other info:

cULus listed, DLC Premium, L70 @ 100 000 Hrs / Black housing with Red accents, c/w Visor & "U" Bracket / 6KV surge protection, IP65 rated / 1M black cable, cast Aluminium design / Operating Temp. -40°C ~ +50°C

IN-DEPTH VIEW



**A Laser Aiming Device**  
(Helps precisely control the lighting beam angle and identify the optimal installation spot for each fixture.)

**B Visor**  
(Enhances lighting efficiency, improves volumetric lighting distribution, and reduces glare.)

**C Optics**  
(Features advanced optics design with professional layout simulation technology, offering a variety of beam angle options: 15°, 40°, 60°, 80° for 1200W.)

**D Pointer Board**  
(When the spotlight is adjusted to a specified angle, the pointer board displays the exact scale on the bracket with precise angle details.)

**E Cooling System**  
(Featuring an individual heat sink design, this system significantly improves heat dissipation, ensuring a lifespan of over 60,000 hours (L70 from ISTMT).)

**F Bracket**  
(Secures the entire fixture for installation, with an adjustable angle range of 0° to 180°.)

**G Breathable "metal mesh"**  
(Featuring a unique design with four individual metal mesh pieces, this component greatly enhances airflow and heat dissipation.)

**H Waterproof (IP65)**  
(Dustproof, waterproof, and breathable, it balances air pressure between the inside and outside of the fixture.)

PRODUCT SPECIFICATION

| Model                            | Wattage (W)      | Input Voltage (V) | Hour Rating | Lumens                      | Color Temp. (K) | Optics / Distribution        | CRI | Dimming | Dimension (inch)   |
|----------------------------------|------------------|-------------------|-------------|-----------------------------|-----------------|------------------------------|-----|---------|--------------------|
| LCFLDSP-300-400-500-600W-50K-UV  | 300-400-500-600  | 120-347           | 100000      | 45000-60000-75000-90000     | 5000            | 25° 40° 60°, Default 40°     | >70 | 1-10V   | 19.8 x 18.1 x 17.4 |
| LCFLDSP-700-800-900-1000W-50K-UV | 700-800-900-1000 | 120-347           | 100000      | 105000-120000-135000-150000 | 5000            | 15° 40° 60° 80°, Default 40° | >70 | 1-10V   | 23.3 x 20.1 x 24.8 |

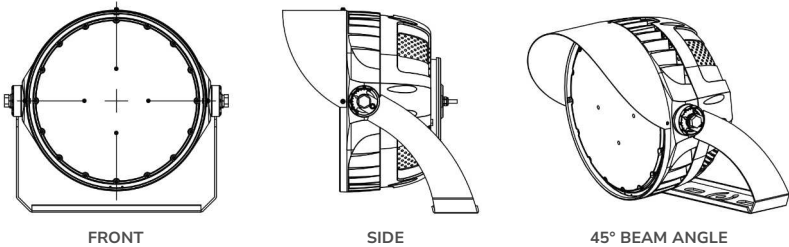
EFFECTIVE PROJECTED AREA

LCFLDSP-300-400-500-600W-50K-UV

FRONT : EPA=1.66ft<sup>2</sup>

SIDE : EPA=1.54ft<sup>2</sup>

45° BEAM ANGLE : EPA=2.02ft<sup>2</sup>



LCFLDSP-300-400-500-600W-50K-UV

FRONT : EPA=2.19ft<sup>2</sup>

SIDE : EPA=2.38ft<sup>2</sup>

45° BEAM ANGLE : EPA=2.74ft<sup>2</sup>

