

## CHAMPION 2



### Description

The **Champion 2** LED Sports Flood Light is the ideal stadium light. This sports light packs a punch providing 150L/W. It is available in multiple beam angles and color temperatures. This fixture is waterproof, (IP 66 rated), dust-proof, and provides superior thermal venting. Operating temperature -30° to 40°C (-22F to 113F). Standard dimming of 0-10V.

### Features

With fin heat sinks, increased heat dissipation and a longer life for SD series sports lighting. The back cover has a cooling effect (the power is placed on the back cover, and the heat generated is conducted to the back cover to dissipate heat).

Available with Laser Aiming Device (LAD) precision control in angling and aiming each sport light to its exact optimal position.

The Champion 2 boasts an efficacy of between 130 lm/W and 160lm/W depending upon wattage. Please Note: All Lumen output values given are based on 5000K and certain beam angles.

Outputs will vary depending upon wattage, voltage, colour temperature and optics (beam angles). Please refer to our IES files on our website.

Certain custom optics are available for certain wattages. Please consult factory as MOQ's may apply

All drivers 300-1000W are integral and IP65 Rated. 1200W is 2 remote drivers. Remote driver options are available for all wattages. Please consult factory.

Custom length secondary cables (from driver to luminaire) complete with connections are available. Please consult factory.

IK Rating: IK08

### Electrical Specifications

LED Type: Philips

LED Driver: Inventronics/Meanwell

Lumen Maintenance @L70: 65,000 hrs

CRI: >70

THD : <15%

Dimming 0-10V standard

Please note: for DMX control, drivers must be remote. Please consult factory for details.

Power Factor: >0.95

Power Efficiency: 0.95

Operating Temperature: -30°C to 45°C / -22°F to 113°F

Available Voltages: 100-277VAC/120-277VAC and 277-480VAC

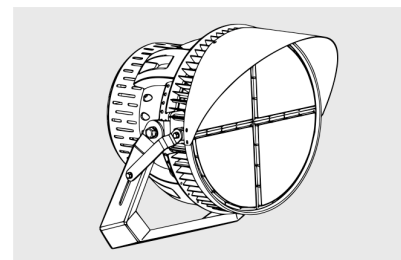
Length of power cable: 2m (6')

Standard surge protection 10KVA

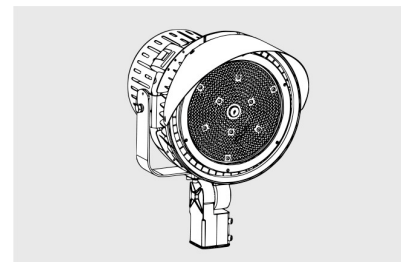
### Certifications and Warranty

CE, cUL, FCC, and DLC Listed with 6 year warranty

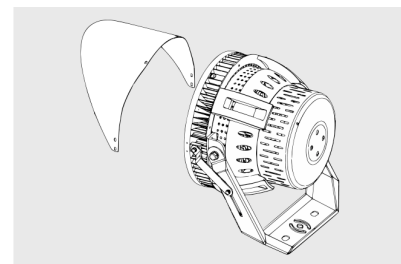
### Yoke (Standard) Mounting Options



### Slip Fitter Mounting Options



### Visor (Included) Mounting Options



# CHAMPION 2 300W/400W



| Product Information             | 300W                           | 400W           |
|---------------------------------|--------------------------------|----------------|
| Installation:                   | Yoke (standard) or Slip fitter |                |
| Material:                       | Die-cast aluminum              |                |
| Finish:                         | Powder coat                    |                |
| System power (W):               | 300W                           | 400W           |
| Fixture lumen output (lm):      | 48000                          | 64000          |
| System efficiency (lm/W): 5000K | 160                            | 160            |
| LED driver:                     | Integral Inventronics - 1pc    | Integral - 2pc |
| LED engine:                     | Lumileds                       |                |

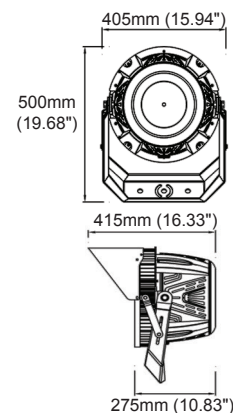
## Packaging

|                                   |                              |                              |
|-----------------------------------|------------------------------|------------------------------|
| Net weight lamp (kg/lb):          | 12.50 / 27.56                | 12.50 / 27.56                |
| Gross weight carton (kg/lb):      | 14.50 / 31.96                | 14.50 / 31.96                |
| Master carton dimensions (mm/in): | 450x450x355 / 17.7x17.7x14.0 | 450x450x355 / 17.7x17.7x14.0 |
| Quantity per carton:              | 1                            | 1                            |

## Code composition

| Series                 | Model           | Mounting           | Wattage-Lumens         | Optics |
|------------------------|-----------------|--------------------|------------------------|--------|
| SFL Sports Flood Light | CHA2 Champion 2 | YK Yoke (Standard) | 300W-480L 300W-48000lm | 30 30D |
|                        |                 | SF Slip Fitter     |                        | 40 40D |
|                        |                 |                    |                        | 60 60D |

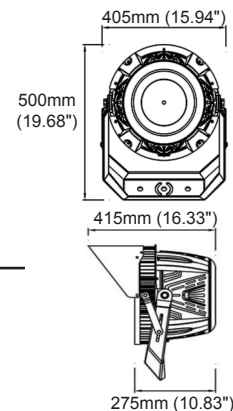
| CCT       | CRI    | Voltage      | Dimming         | Finish   | Accessories             |
|-----------|--------|--------------|-----------------|----------|-------------------------|
| 30K 3000K | 70 70+ | UNV 100-277V | D 0-10V Dimming | BK Black | NA No Accessories       |
| 40K 4000K |        | HV 277-480V  |                 |          | LAD Laser Aiming Device |
| 50K 5000K |        |              |                 |          | DMX DMX Interface       |
| 57K 5700  |        |              |                 |          |                         |



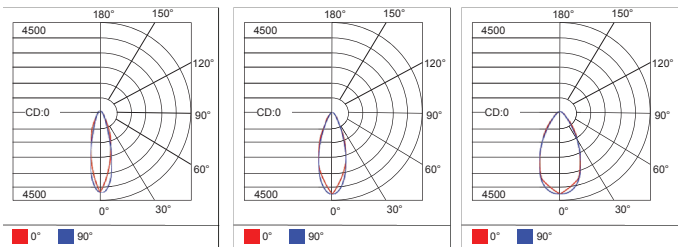
## Code composition

| Series                 | Model           | Mounting           | Wattage-Lumens         | Optics |
|------------------------|-----------------|--------------------|------------------------|--------|
| SFL Sports Flood Light | CHA2 Champion 2 | YK Yoke (Standard) | 400W-640L 400W-64000lm | 30 30D |
|                        |                 | SF Slip Fitter     |                        | 40 40D |
|                        |                 |                    |                        | 60 60D |

| CCT       | CRI    | Voltage      | Dimming         | Finish   | Accessories             |
|-----------|--------|--------------|-----------------|----------|-------------------------|
| 30K 3000K | 70 70+ | UNV 100-277V | D 0-10V Dimming | BK Black | NA No Accessories       |
| 40K 4000K |        | HV 277-480V  |                 |          | LAD Laser Aiming Device |
| 50K 5000K |        |              |                 |          | DMX DMX Interface       |
| 57K 5700  |        |              |                 |          |                         |



300W-30D-5000K-CRI70    300W-40D-5000K-CRI70    300W-60D-5000K-CRI70



# CHAMPION 2 500W/600W



| Product Information             | 500W                           | 600W  |
|---------------------------------|--------------------------------|-------|
| Installation:                   | Yoke (standard) or Slip fitter |       |
| Material:                       | Die-cast aluminum              |       |
| Finish:                         | Powder coat                    |       |
| System power (W):               | 500W                           | 600W  |
| Fixture lumen output (lm):      | 77500                          | 90000 |
| System efficiency (lm/W): 5000K | 155                            | 150   |
| LED driver:                     | Integral Inventronics - 2pc    |       |
| LED engine:                     | Lumileds                       |       |

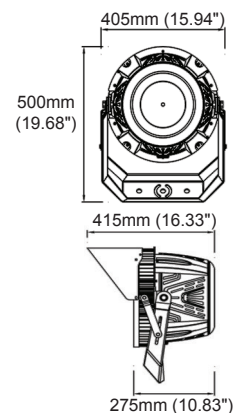
## Packaging

|                                   |                              |                              |
|-----------------------------------|------------------------------|------------------------------|
| Net weight lamp (kg/lb):          | 12.50 / 27.56                | 12.50 / 27.56                |
| Gross weight carton (kg/lb):      | 14.50 / 31.96                | 14.50 / 31.96                |
| Master carton dimensions (mm/in): | 450x450x355 / 17.7x17.7x14.0 | 450x450x355 / 17.7x17.7x14.0 |
| Quantity per carton:              | 1                            | 1                            |

## Code composition

| Series                 | Model           | Mounting           | Wattage-Lumens         | Optics |
|------------------------|-----------------|--------------------|------------------------|--------|
| SFL Sports Flood Light | CHA2 Champion 2 | YK Yoke (Standard) | 500W-775L 500W-77500lm | 30 30D |
|                        |                 | SF Slip Fitter     |                        | 40 40D |
|                        |                 |                    |                        | 60 60D |

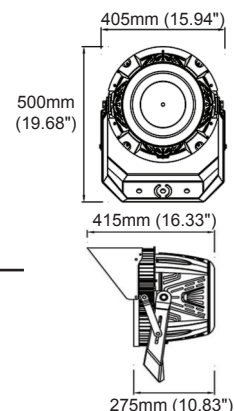
| CCT       | CRI    | Voltage      | Dimming         | Finish   | Accessories             |
|-----------|--------|--------------|-----------------|----------|-------------------------|
| 30K 3000K | 70 70+ | UNV 100-277V | D 0-10V Dimming | BK Black | NA No Accessories       |
| 40K 4000K |        | HV 277-480V  |                 |          | LAD Laser Aiming Device |
| 50K 5000K |        |              |                 |          | DMX DMX Interface       |
| 57K 5700  |        |              |                 |          |                         |



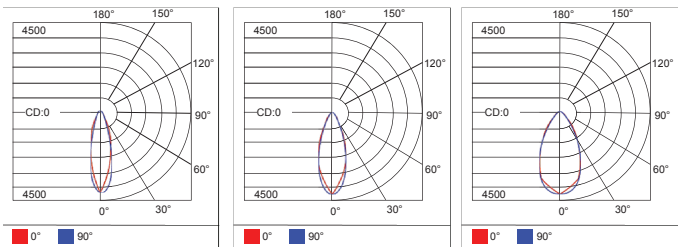
## Code composition

| Series                 | Model           | Mounting           | Wattage-Lumens         | Optics |
|------------------------|-----------------|--------------------|------------------------|--------|
| SFL Sports Flood Light | CHA2 Champion 2 | YK Yoke (Standard) | 600W-900L 600W-90000lm | 30 30D |
|                        |                 | SF Slip Fitter     |                        | 40 40D |
|                        |                 |                    |                        | 60 60D |

| CCT       | CRI    | Voltage      | Dimming         | Finish   | Accessories             |
|-----------|--------|--------------|-----------------|----------|-------------------------|
| 30K 3000K | 70 70+ | UNV 100-277V | D 0-10V Dimming | BK Black | NA No Accessories       |
| 40K 4000K |        | HV 277-480V  |                 |          | LAD Laser Aiming Device |
| 50K 5000K |        |              |                 |          | DMX DMX Interface       |
| 57K 5700  |        |              |                 |          |                         |



500W-30D-5000K-CRI70    500W-40D-5000K-CRI70    500W-60D-5000K-CRI70



# CHAMPION 2 750W/1000W



| Product Information             | 750W                                       | 1000W  |
|---------------------------------|--|--------|
| Installation:                   | Yoke (standard) or Slip fitter             |        |
| Material:                       | Die-cast aluminum                          |        |
| Finish:                         | Powder coat                                |        |
| System power (W):               | 750W                                       | 1000W  |
| Fixture lumen output (lm):      | 97500                                      | 130000 |
| System efficiency (lm/W): 5000K | 130  | 130    |
| LED driver:                     | Integral Inventronics - UNV: 4pc / HV: 2pc |        |
| LED engine:                     | OSRAM                                      |        |

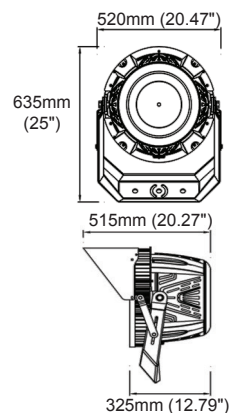
## Packaging

|                                   |                               |                               |
|-----------------------------------|-------------------------------|-------------------------------|
| Net weight lamp (kg/lb):          | 23.00 / 50.71                 | 23.00 / 50.71                 |
| Gross weight carton (kg/lb):      | 27.50 / 60.63                 | 27.50 / 60.63                 |
| Master carton dimensions (mm/in): | 620x570x415 / 24.4x22.4x16.34 | 620x570x415 / 24.4x22.4x16.34 |
| Quantity per carton:              | 1                             | 1                             |

## Code composition

| Series                 | Model           | Mounting           | Wattage-Lumens         | Optics |
|------------------------|-----------------|--------------------|------------------------|--------|
| SFL Sports Flood Light | CHA2 Champion 2 | YK Yoke (Standard) | 750W-975L 750W-97500lm | 15 15D |
|                        |                 | SF Slip Fitter     |                        | 20 20D |
|                        |                 |                    |                        | 25 25D |
|                        |                 |                    |                        | 40 40D |
|                        |                 |                    |                        | 60 60D |
|                        |                 |                    |                        | 80 80D |

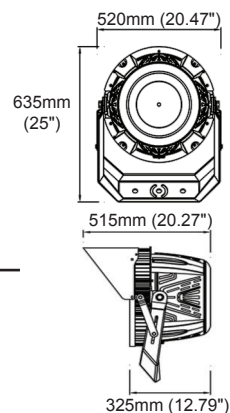
| CCT       | CRI    | Voltage      | Dimming         | Finish   | Accessories             |
|-----------|--------|--------------|-----------------|----------|-------------------------|
| 30K 3000K | 70 70+ | UNV 120-277V | D 0-10V Dimming | BK Black | NA No Accessories       |
| 40K 4000K |        | HV 277-480V  |                 |          | LAD Laser Aiming Device |
| 50K 5000K |        |              |                 |          | DMX DMX Interface       |
| 57K 5700  |        |              |                 |          |                         |



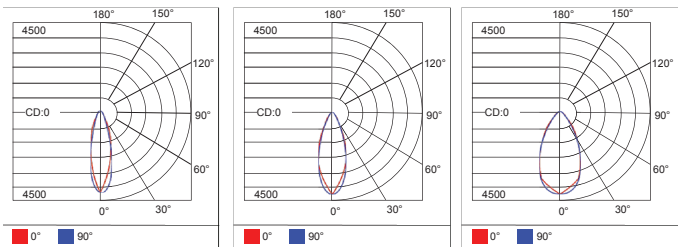
## Code composition

| Series                 | Model           | Mounting           | Wattage-Lumens            | Optics |
|------------------------|-----------------|--------------------|---------------------------|--------|
| SFL Sports Flood Light | CHA2 Champion 2 | YK Yoke (Standard) | 1000W-1300L 100W-130000lm | 15 15D |
|                        |                 | SF Slip Fitter     |                           | 20 20D |
|                        |                 |                    |                           | 25 25D |
|                        |                 |                    |                           | 40 40D |
|                        |                 |                    |                           | 60 60D |
|                        |                 |                    |                           | 80 80D |

| CCT       | CRI    | Voltage      | Dimming         | Finish   | Accessories             |
|-----------|--------|--------------|-----------------|----------|-------------------------|
| 30K 3000K | 70 70+ | UNV 120-277V | D 0-10V Dimming | BK Black | NA No Accessories       |
| 40K 4000K |        | HV 277-480V  |                 |          | LAD Laser Aiming Device |
| 50K 5000K |        |              |                 |          | DMX DMX Interface       |
| 57K 5700  |        |              |                 |          |                         |



750W-30D-5000K-CRI70    750W-40D-5000K-CRI70    750W-60D-5000K-CRI70



# CHAMPION 2 1200W



## Product Information

**1200W**

|                                 |                                |
|---------------------------------|--------------------------------|
| Installation:                   | Yoke (standard) or Slip fitter |
| Material:                       | Die-cast aluminum              |
| Finish:                         | Powder coat                    |
| System power (W):               | 1200W                          |
| Fixture lumen output (lm):      | 156000                         |
| System efficiency (lm/W): 5000K | 130                            |
| LED driver:                     | Inventronics 2pc @ 600W Remote |
| LED engine:                     | OSRAM                          |

## Packaging

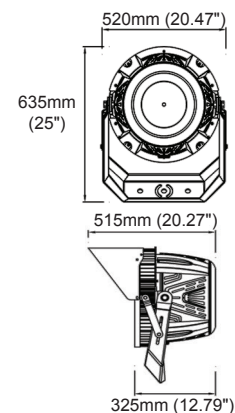
|                                   |                               |
|-----------------------------------|-------------------------------|
| Net weight lamp (kg/lb):          | 19.5 / 42.99                  |
| Gross weight carton (kg/lb):      | 25 / 55.12                    |
| Master carton dimensions (mm/in): | 620x570x415 / 24.4x22.4x16.34 |
| Quantity per carton:              | 1                             |

## Code composition

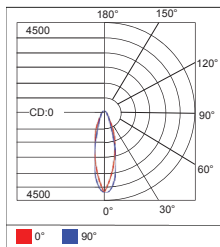
| Series                 | Model           | Mounting           | Wattage-Lumens             | Optics |
|------------------------|-----------------|--------------------|----------------------------|--------|
| SFL Sports Flood Light | CHA2 Champion 2 | YK Yoke (Standard) | 1200W-1560L 1200W-156000lm | 15 15D |
|                        |                 | SF Slip Fitter     |                            | 20 20D |
|                        |                 |                    |                            | 25 25D |
|                        |                 |                    |                            | 40 40D |
|                        |                 |                    |                            | 60 60D |
|                        |                 |                    |                            | 80 80D |

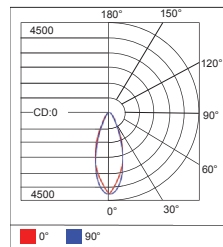
| CCT       | CRI    | Voltage      | Dimming         | Finish   | Accessories             |
|-----------|--------|--------------|-----------------|----------|-------------------------|
| 30K 3000K | 70 70+ | UNV 120-277V | D 0-10V Dimming | BK Black | NA No Accessories       |
| 40K 4000K |        | HV 277-480V  |                 |          | LAD Laser Aiming Device |
| 50K 5000K |        |              |                 |          | DMX DMX Interface       |
| 57K 5700  |        |              |                 |          |                         |



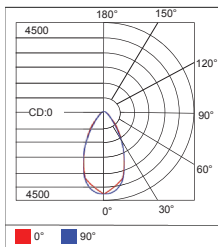
1250W-30D-5000K-CRI70



1250W-40D-5000K-CRI70

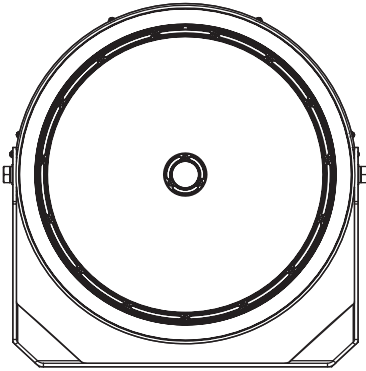


1250W-60D-5000K-CRI70

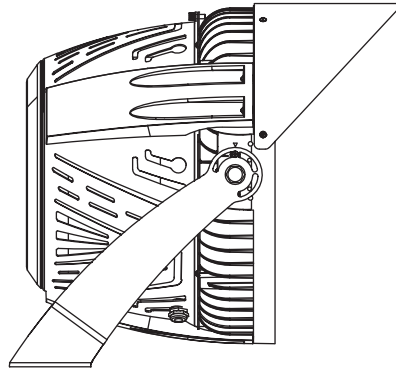


## CHAMPION 2

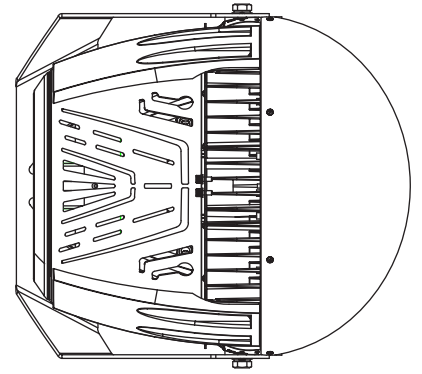
EPA  
300-600W



Front EPA: 0.118m<sup>2</sup> | 1.27ft<sup>2</sup>

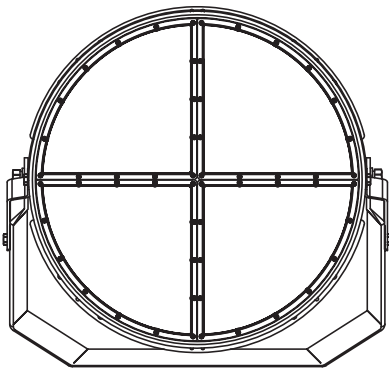


Side EPA: 0.107m<sup>2</sup> | 1.15ft<sup>2</sup>

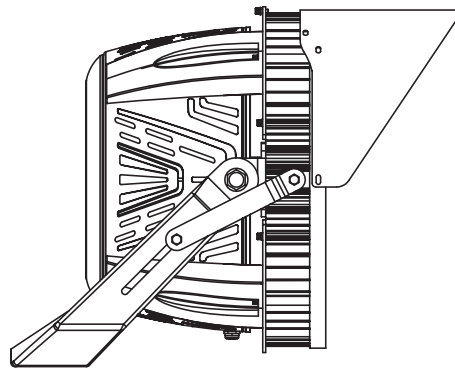


Side EPA: 0.148m<sup>2</sup> | 1.59ft<sup>2</sup>

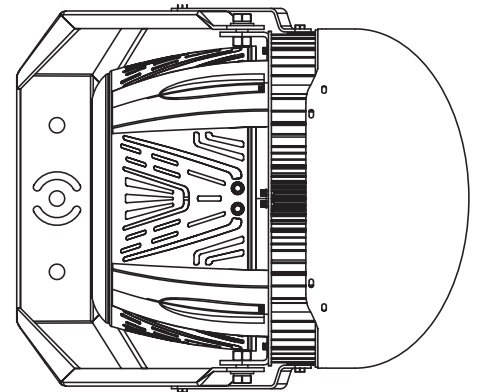
750-1200W



Front EPA: 0.195m<sup>2</sup> | 2.10ft<sup>2</sup>



Side EPA: 0.168m<sup>2</sup> | 1.81ft<sup>2</sup>



Side EPA: 0.271m<sup>2</sup> | 2.92ft<sup>2</sup>

## CHAMPION 2

Angle markings on yoke for horizontal aiming.



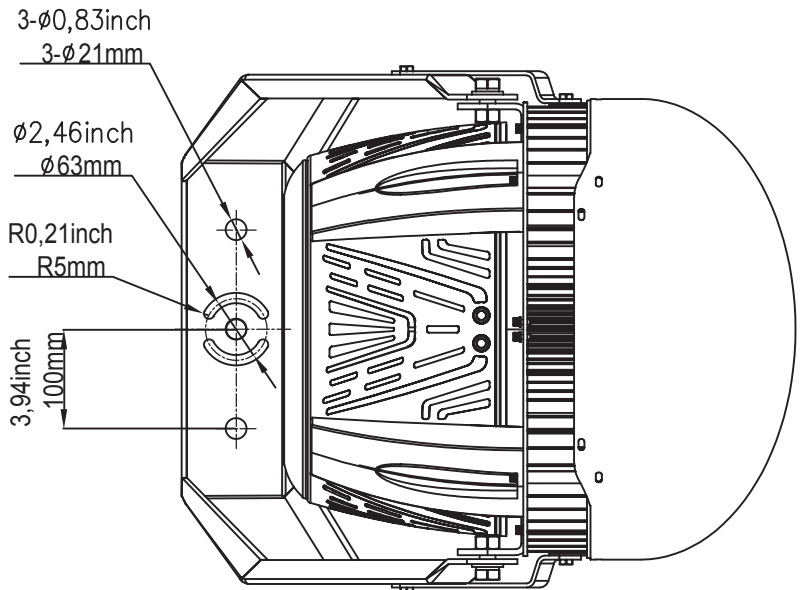
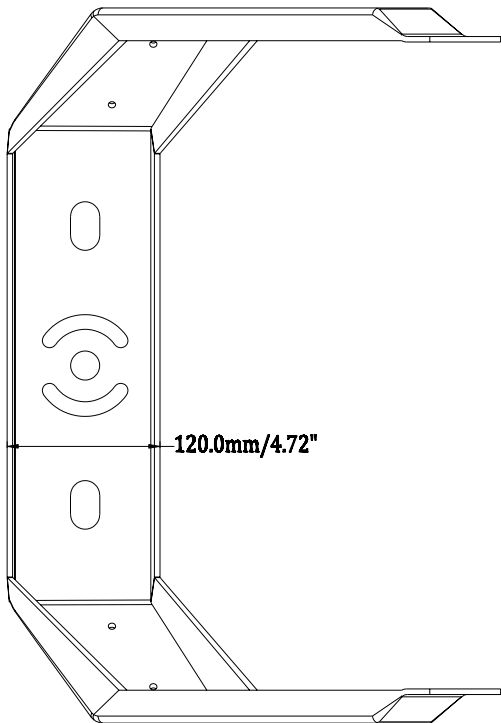
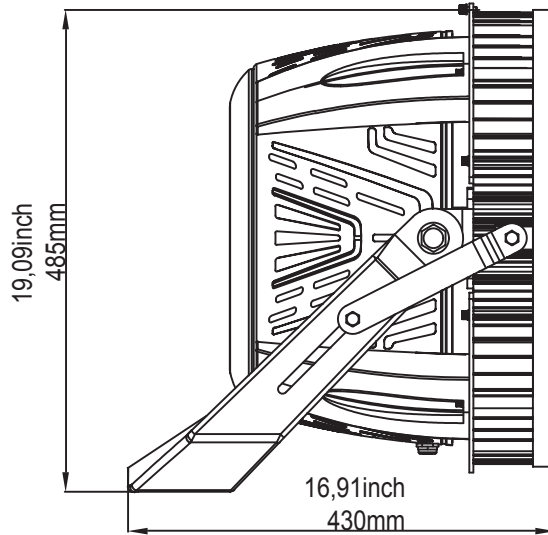
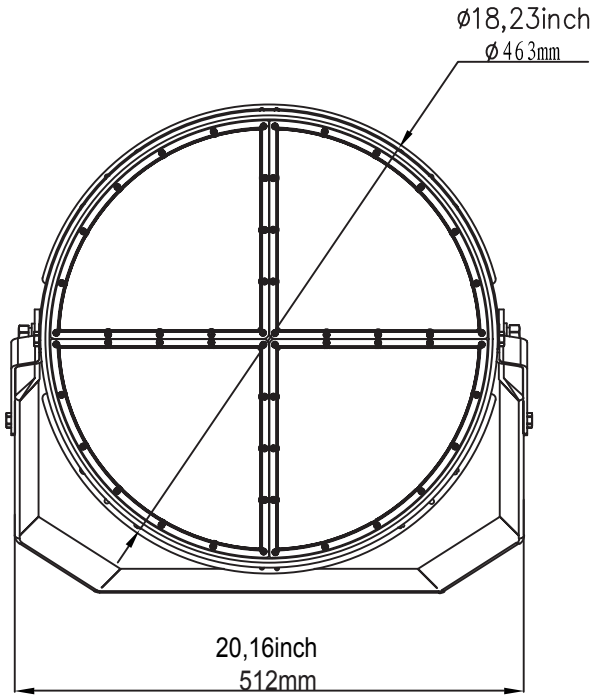
Angle markings on arm for tilt aiming.





# CHAMPION 2

## YOKE DIMENSIONS 750-1250W



# CHAMPION 2

## SLIP FITTER DIMENSIONS

