

## CHAMPION 3



### Description

The **Champion 3** LED Sports Flood Light is the ideal stadium light. This sports light packs a punch providing 135-170lm/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 – 40° to 50°C (-40F to 122F). Standard dimming of 0-10V.

### Features

With cold forging (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 3 boasts an efficacy of between 135 lm/W and 170 lm/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 300-1800W are integral and IP66 Rated. 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.

### Electrical Specifications

LED Type: Philips(Lumileds)/Osram	Power Factor: >0.95
LED Driver: Inventronics/Sosen	Power Efficiency: 0.95
Lumen Maintenance @L70: 65,000 hrs	Operating Temperature: -40°C to 50°C / -40°F to 122°F
CRI: >70, CRI80 for optional	Available Voltages: 120-277VAC/120-347VAC and 277-480VAC
THD : <15%	Length of power cable: 2m (6')
Dimming 0-10V standard	Standard surge protection 10KVA(Standard); 20KVA(Optional)
Please note: for DMX control, drivers must be remote. Please consult factory for details.	

### 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 3 300W/400W



Product Information	300W	400W
Installation:	Yoke (standard) or Slip fitter	
Material:	Cold forging aluminum	
Finish:	Powder coat	
System power (W):	300W	400W
Fixture lumen output (lm):	51000	66000
System efficiency (lm/W): 5000K	170	165
LED driver:	Integral Inventronics - 1pc	Integral Inventronics- 2pc
LED engine:	Lumileds	

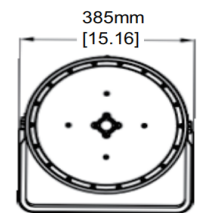
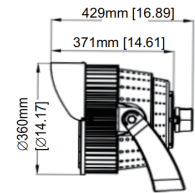
## Packaging

Net weight lamp (kg/lb):	16.36 / 36.07	16.36 / 36.07
Gross weight carton (kg/lb):	18.16 / 40.03	18.16 / 40.03
Master carton dimensions (mm/in):	515x415x400 / 20.3x16.3x15.8	515x415x400 / 20.3x16.3x15.8
Quantity per carton:	1	1

## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard) SF Slip Fitter	300W-510L 300W-51000lm	15 15D 20 20D 30 30D 45 45D 60 60D

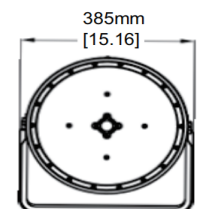
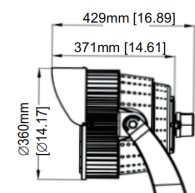
CCT	CRI	Voltage	Dimming	Finish	Accessories
30K 3000K	70 70+	UNV 120-277V	D 0-10V Dimming	BK Black	NA No Accessories
40K 4000K	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K 5000K					20SPD 20KV Surge Protection Device DMX DMX Interface RMD Remote Driver



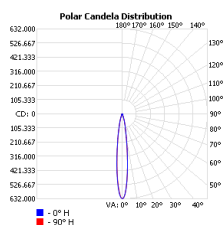
## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard) SF Slip Fitter	400W-660L 400W-66000lm	15 15D 20 20D 30 30D 45 45D 60 60D

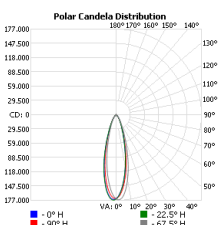
CCT	CRI	Voltage	Dimming	Finish	Accessories
30K 3000K	70 70+	UNV 100-277V	D 0-10V Dimming	BK Black	NA No Accessories
40K 4000K	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K 5000K					20SPD 20KV Surge Protection Device DMX DMX Interface RMD Remote Driver



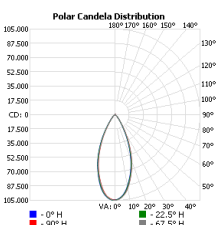
15D-5000K-CRI70



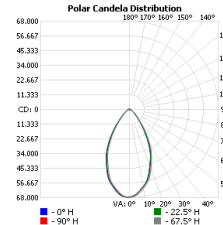
30D-5000K-CRI70



45D-5000K-CRI70



60D-5000K-CRI70



# CHAMPION 3 500W/600W



Product Information	500W	600W
Installation:	Yoke (standard) or Slip fitter	
Material:	Cold forging aluminum	
Finish:	Powder coat	
System power (W):	500W	600W
Fixture lumen output (lm):	80000	93000
System efficiency (lm/W): 5000K	160	155
LED driver:	Integral Inventronics - 2pc	Integral Inventronics- 2pc
LED engine:	Lumileds/Osram	

## Packaging

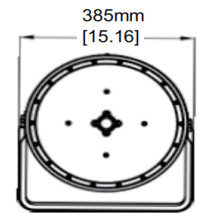
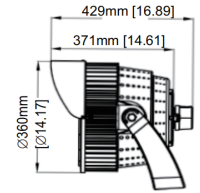
Net weight lamp (kg/lb):	16.36 / 36.07	16.36 / 36.07
Gross weight carton (kg/lb):	18.16 / 40.03	18.16 / 40.03
Master carton dimensions (mm/in):	515x415x400 / 20.3x16.3x15.8	515x415x400 / 20.3x16.3x15.8
Quantity per carton:	1	1

## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard) SF Slip Fitter	500W-800L 500W-80000lm	15 15D 20 20D 30 30D 45 45D 60 60D

CCT	CRI	Voltage	Dimming	Finish	Accessories
30K 3000K	70 70+	UNV 120-277V	D 0-10V Dimming	BK Black	NA No Accessories
40K 4000K	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K 5000K					20SPD 20KV Surge Protection Device DMX DMX Interface RMD Remote Driver

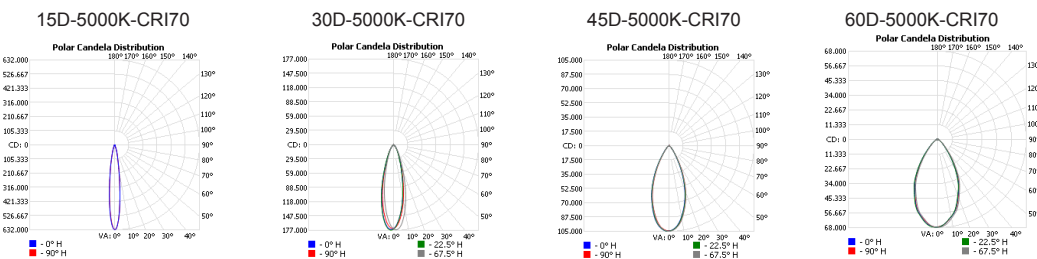
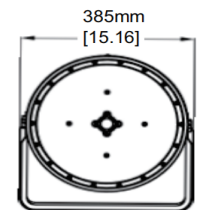
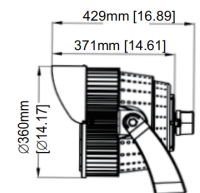


## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard) SF Slip Fitter	600W-930L 600W-93000lm	15 15D 20 20D 30 30D 45 45D 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	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K 5000K					20SPD 20KV Surge Protection Device DMX DMX Interface RMD Remote Driver



# CHAMPION 3 720W/800W



Product Information	720W	800W
Installation:	Yoke (standard) or Slip fitter	
Material:	Cold forging aluminum	
Finish:	Powder coat	
System power (W):	720W	800W
Fixture lumen output (lm):	118800	128000
System efficiency (lm/W): 5000K	165	160
LED driver:	Integral Inventronics - 4pc	Integral Inventronics- 4pc
LED engine:	Lumileds/Osram	

## Packaging

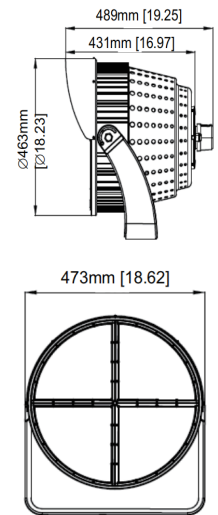
Net weight lamp (kg/lb):	25.79 / 56.86	25.79 / 56.86
Gross weight carton (kg/lb):	28.88 / 63.67	28.88 / 63.67
Master carton dimensions (mm/in):	635x535x465 / 25.0x21.1x18.3	635x535x465 / 25.0x21.1x18.3
Quantity per carton:	1	1

## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard)	720W-1188L 720W-118800lm	15 15D
		SF Slip Fitter		20 20D
				30 30D
				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	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K	5000K					20SPD 20KV Surge Protection Device
						DMX DMX Interface
						RMD Remote Driver

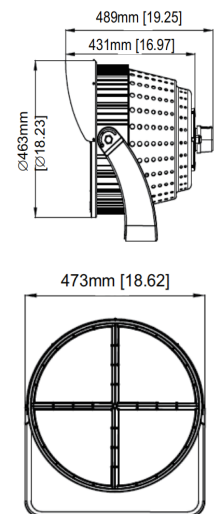


## Code composition

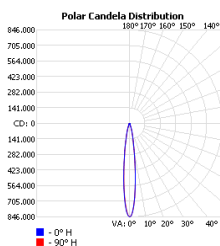
Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard)	800W-1280L 800W-128000lm	15 15D
		SF Slip Fitter		20 20D
				30 30D
				40 40D
				60 60D
				80 80D

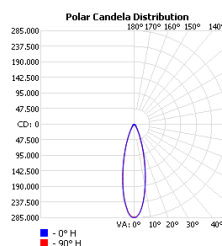
CCT	CRI	Voltage	Dimming	Finish	Accessories	
30K	3000K	70 70+	UNV 120-277V	D 0-10V Dimming	BK Black	NA No Accessories
40K	4000K	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K	5000K					20SPD 20KV Surge Protection Device
						DMX DMX Interface
						RMD Remote Driver



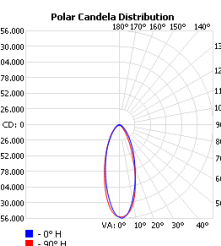
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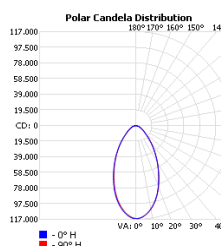
30D-5000K-CRI70



40D-5000K-CRI70



60D-5000K-CRI70



# CHAMPION 3 900W/1000W



Product Information	900W	1000W
Installation:	Yoke (standard) or Slip fitter	
Material:	Cold forging aluminum	
Finish:	Powder coat	
System power (W):	900W	1000W
Fixture lumen output (lm):	139500	150000
System efficiency (lm/W): 5000K	155	150
LED driver:	Integral Inventronics - 4pc	Integral Inventronics- 4pc
LED engine:	Lumileds/Osram	

## Packaging

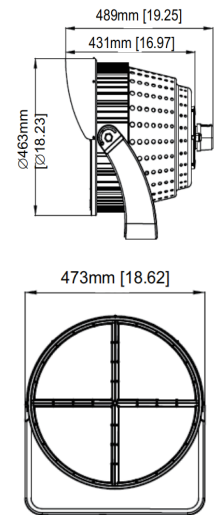
Net weight lamp (kg/lb):	25.79 / 56.86	25.79 / 56.86
Gross weight carton (kg/lb):	28.88 / 63.67	28.88 / 63.67
Master carton dimensions (mm/in):	635x535x465 / 25.0x21.1x18.3	635x535x465 / 25.0x21.1x18.3
Quantity per carton:	1	1

## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard)	900W-1395L 900W-139500lm	15 15D
		SF Slip Fitter		20 20D
				30 30D
				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	80 80+ (Option) HV 277-480V			LAD Laser Aiming Device
50K	5000K				20SPD 20KV Surge Protection Device
					DMX DMX Interface
					RMD Remote Driver

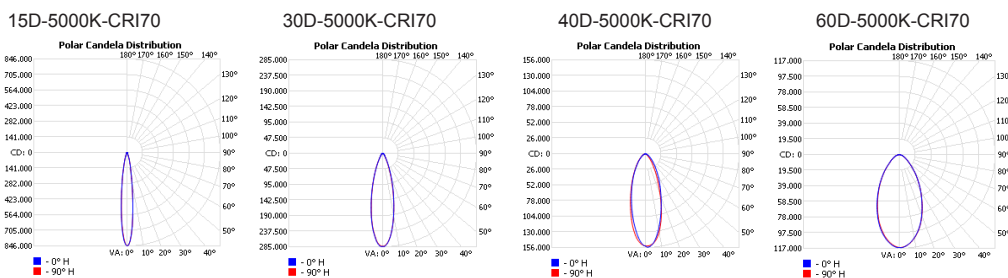
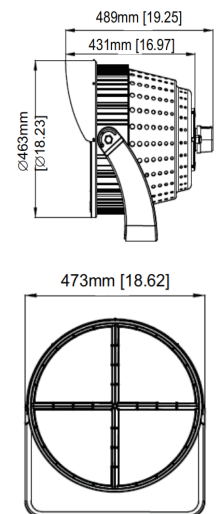


## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard)	1000W-1590L 1000W-150000lm	15 15D
		SF Slip Fitter		20 20D
				30 30D
				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	80 80+ (Option) HV 277-480V			LAD Laser Aiming Device
50K	5000K				20SPD 20KV Surge Protection Device
					DMX DMX Interface
					RMD Remote Driver





# CHAMPION 3 1100W/1200W



Product Information	1100W	1200W
Installation:	Yoke (standard) or Slip fitter	
Material:	Cold forging aluminum	
Finish:	Powder coat	
System power (W):	1100W	1200W
Fixture lumen output (lm):	159500	162000
System efficiency (lm/W): 5000K	145	135
LED driver:	Integral Inventronics - 4pc	
LED engine:	Lumileds/Osram	

## Packaging

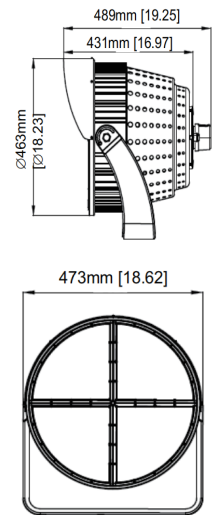
Net weight lamp (kg/lb):	25.79 / 56.86	25.79 / 56.86
Gross weight carton (kg/lb):	28.88 / 63.67	28.88 / 63.67
Master carton dimensions (mm/in):	635x535x465 / 25.0x21.1x18.3	635x535x465 / 25.0x21.1x18.3
Quantity per carton:	1	1

## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard)	1100W-1595L 1100W-159500lm	15 15D
		SF Slip Fitter		20 20D
				30 30D
				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	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K 5000K					20SPD 20KV Surge Protection Device
					DMX DMX Interface
					RMD Remote Driver

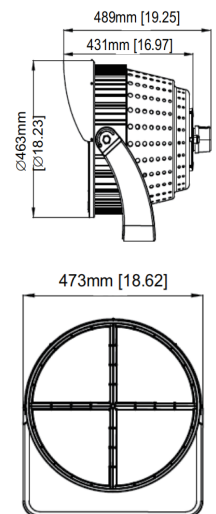


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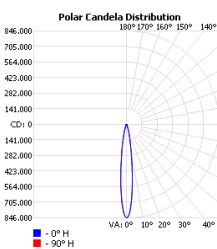
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SFL Sports Flood Light	CHA3 Champion 3	YK Yoke (Standard)	1200W-1620L 1200W-162000lm	15 15D
		SF Slip Fitter		20 20D
				30 30D
				40 40D
				60 60D
				80 80D

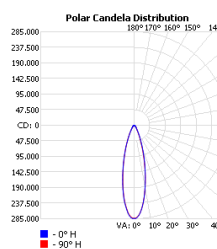
CCT	CRI	Voltage	Dimming	Finish	Accessories
30K 3000K	70 70+	UNV 120-277V	D 0-10V Dimming	BK Black	NA No Accessories
40K 4000K	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K 5000K					20SPD 20KV Surge Protection Device
					DMX DMX Interface
					RMD Remote Driver



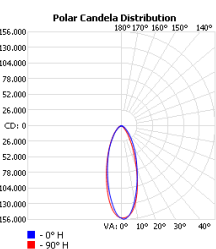
15D-5000K-CRI70



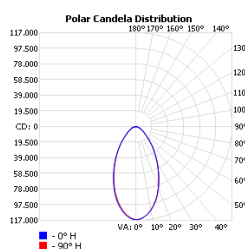
30D-5000K-CRI70



40D-5000K-CRI70



60D-5000K-CRI70



# CHAMPION 3 1500W/1600W



Product Information	1500W	1600W
Installation:	Yoke	
Material:	Cold forging aluminum	
Finish:	Powder coat	
System power (W):	1500W	1600W
Fixture lumen output (lm):	217500	224000
System efficiency (lm/W): 5000K	145	140
LED driver:	Integral Inventronics - 4pc	Integral Inventronics- 4pc
LED engine:	Lumileds/Osram	

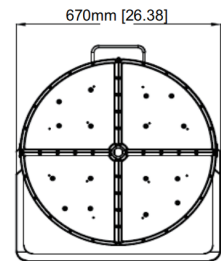
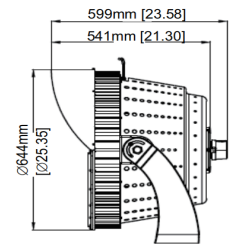
## Packaging

Net weight lamp (kg/lb):	51.96 / 114.55	51.96 / 114.55
Gross weight carton (kg/lb):	57.47 / 126.70	57.47 / 126.70
Master carton dimensions (mm/in):	820x750x525 / 32.3x29.5x20.7	820x750x525 / 32.3x29.5x20.7
Quantity per carton:	1	1

## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke	1500W-2175L 1500W-217500lm	15 15D 20 20D 30 30D 45 45D

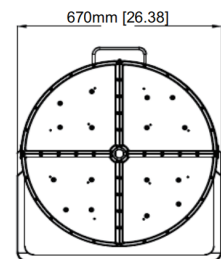
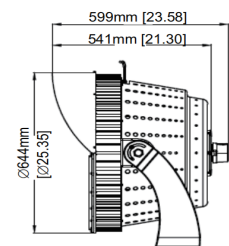
CCT	CRI	Voltage	Dimming	Finish	Accessories
30K 3000K	70 70+	UNV 120-277V	D 0-10V Dimming	BK Black	NA No Accessories
40K 4000K	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K 5000K					20SPD 20KV Surge Protection Device DMX DMX Interface RMD Remote Driver



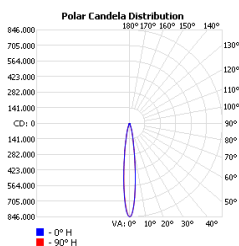
## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke	1600W-2240L 1600W-224000lm	15 15D 20 20D 30 30D 45 45D

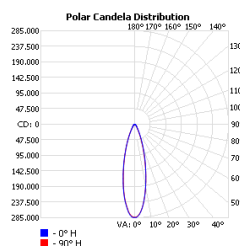
CCT	CRI	Voltage	Dimming	Finish	Accessories
30K 3000K	70 70+	UNV 120-277V	D 0-10V Dimming	BK Black	NA No Accessories
40K 4000K	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K 5000K					20SPD 20KV Surge Protection Device DMX DMX Interface RMD Remote Driver



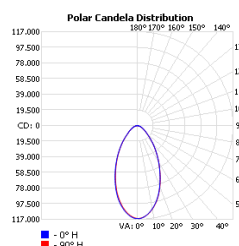
15D-5000K-CRI70



30D-5000K-CRI70



45D-5000K-CRI70



# CHAMPION 3 1800W



## Product Information

**1800W**

Installation:	Yoke (standard)
Material:	Cold forging aluminum
Finish:	Powder coat
System power (W):	1800W
Fixture lumen output (lm):	243000
System efficiency (lm/W): 5000K	135
LED driver:	Integral Inventronics - 4pc
LED engine:	Lumileds/Osram

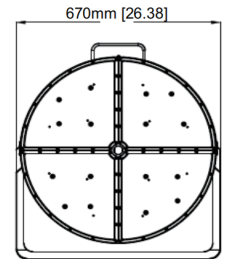
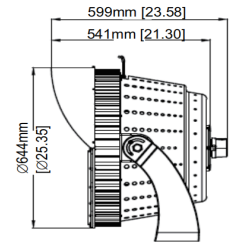
## Packaging

Net weight lamp (kg/lb):	51.96 / 114.55
Gross weight carton (kg/lb):	57.47 / 126.70
Master carton dimensions (mm/in):	820x750x525 / 32.3x29.5x20.7
Quantity per carton:	1

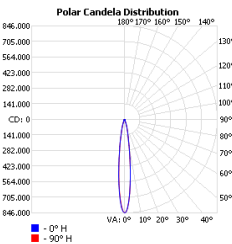
## Code composition

Series	Model	Mounting	Wattage-Lumens	Optics
SFL Sports Flood Light	CHA3 Champion 3	YK Yoke	1800W-2430L 1800W-243000lm	15 15D 20 20D 30 30D 45 45D

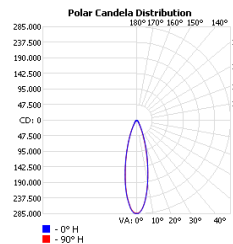
CCCT	CRI	Voltage	Dimming	Finish	Accessories
30K 3000K	70 70+	UNV 120-277V	D 0-10V Dimming	BK Black	NA No Accessories
40K 4000K	80 80+ (Option)	HV 277-480V			LAD Laser Aiming Device
50K 5000K					20SPD 20KV Surge Protection Device DMX DMX Interface RMD Remote Driver



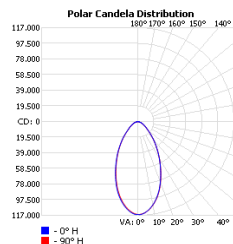
15D-5000K-CRI70



30D-5000K-CRI70



45D-5000K-CRI70

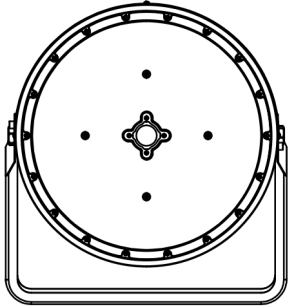




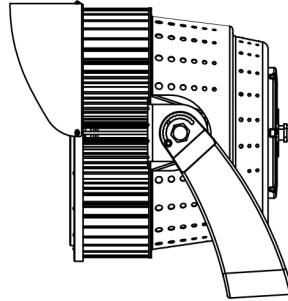
# CHAMPION 3

## EPA

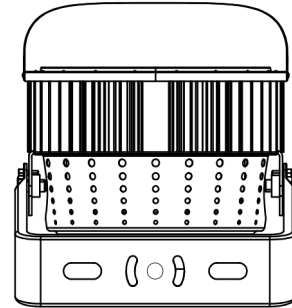
300-600W



Front EPA: 0.116m<sup>2</sup> | 1.25ft<sup>2</sup>

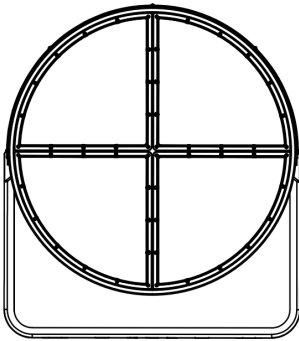


Side EPA: 0.108m<sup>2</sup> | 1.16ft<sup>2</sup>

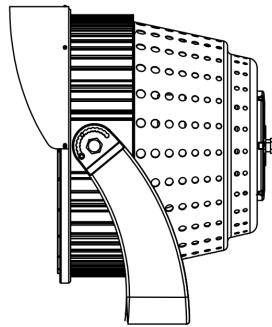


Side EPA: 0.146m<sup>2</sup> | 1.57ft<sup>2</sup>

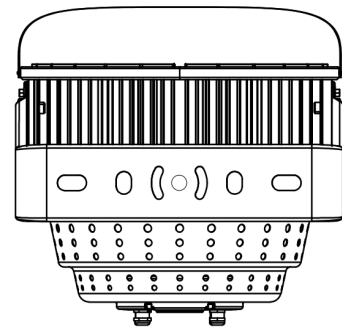
720-1200W



Front EPA: 0.187m<sup>2</sup> | 2.01ft<sup>2</sup>

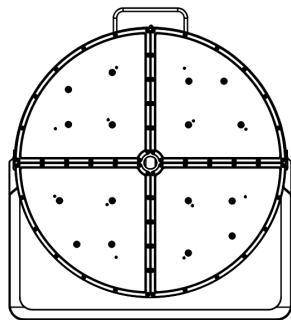


Side EPA: 0.160m<sup>2</sup> | 1.72ft<sup>2</sup>

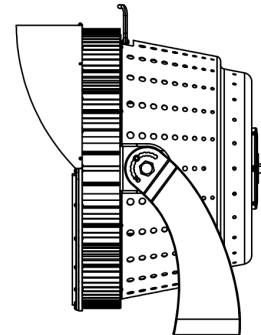


Side EPA: 0.183m<sup>2</sup> | 1.97ft<sup>2</sup>

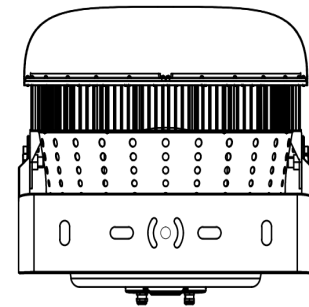
1500-1800W



Front EPA: 0.374m<sup>2</sup> | 4.03ft<sup>2</sup>



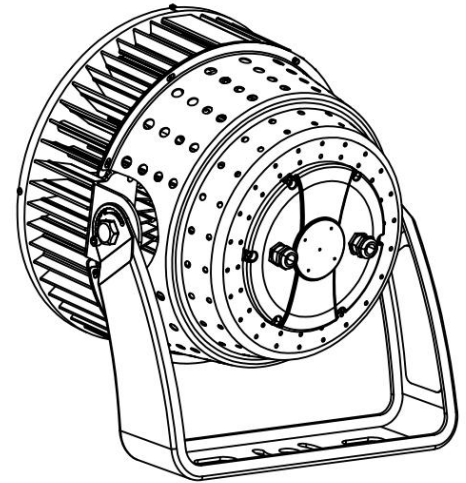
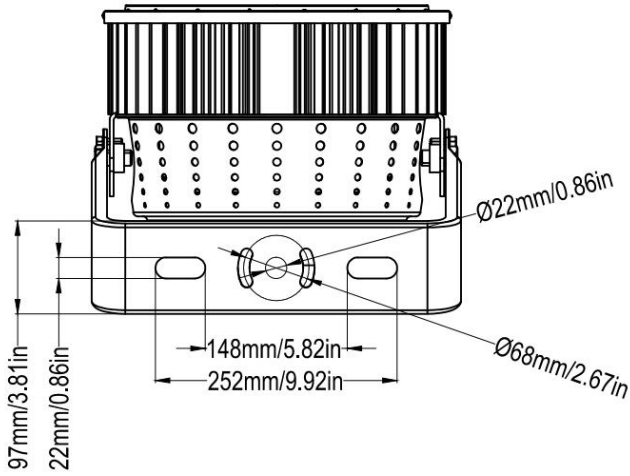
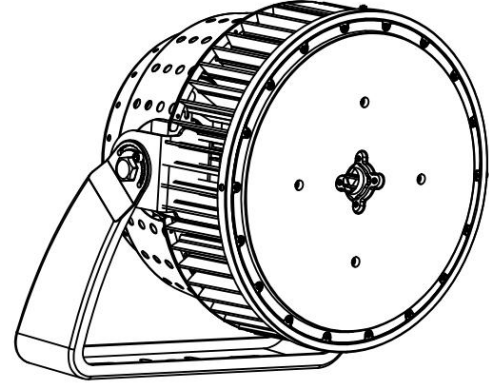
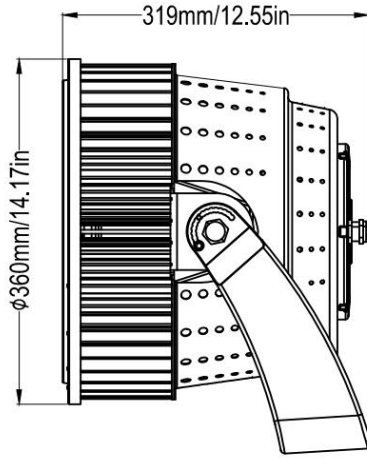
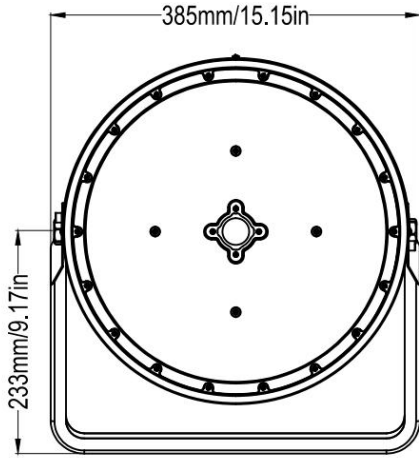
Side EPA: 0.260m<sup>2</sup> | 2.79ft<sup>2</sup>



Side EPA: 0.333m<sup>2</sup> | 3.59ft<sup>2</sup>

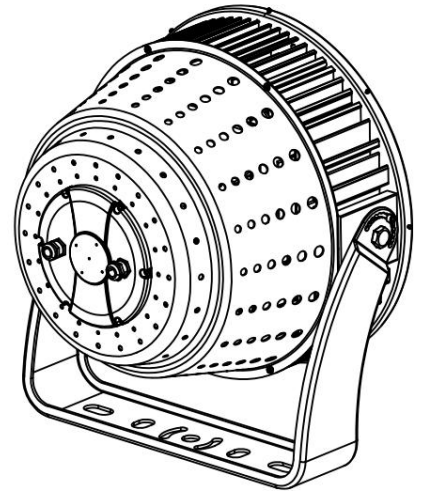
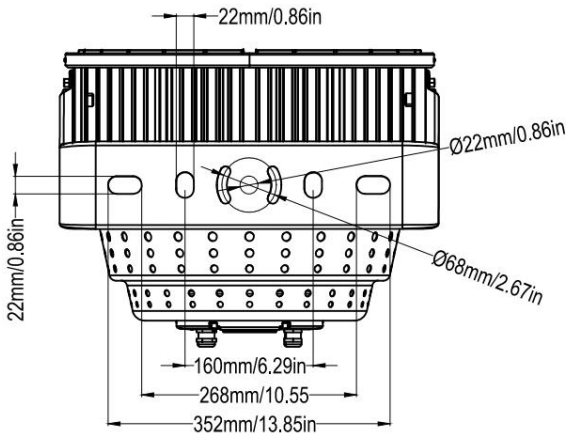
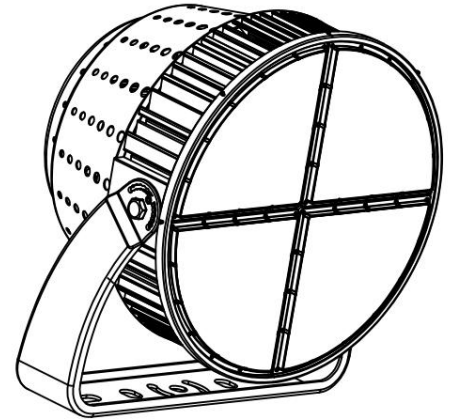
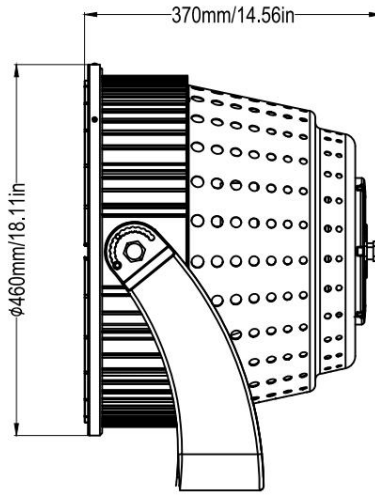
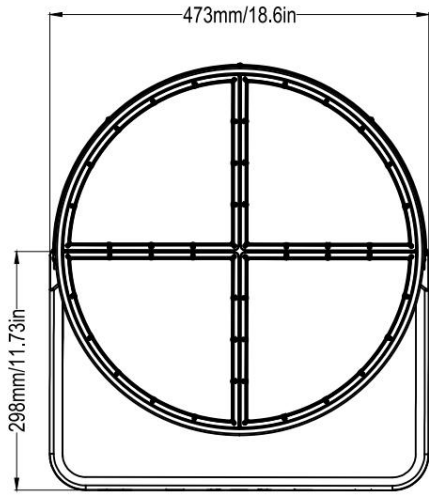
# CHAMPION 3

## YOKE DIMENSIONS 300-600W



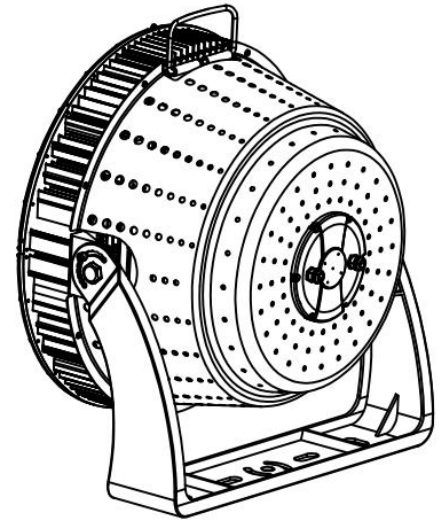
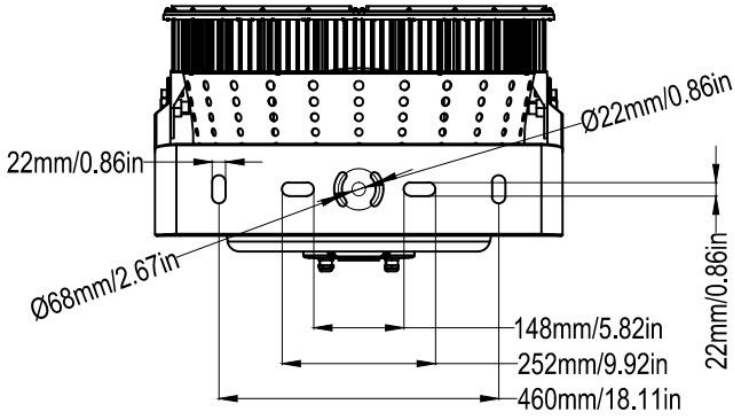
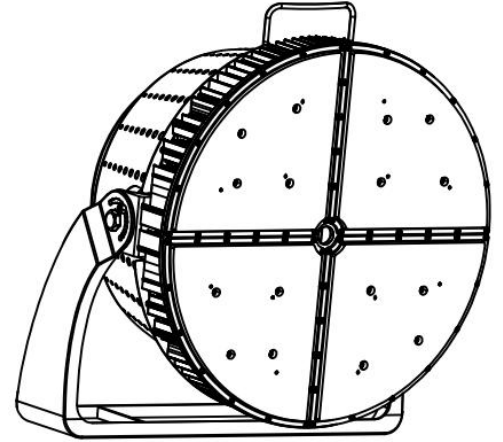
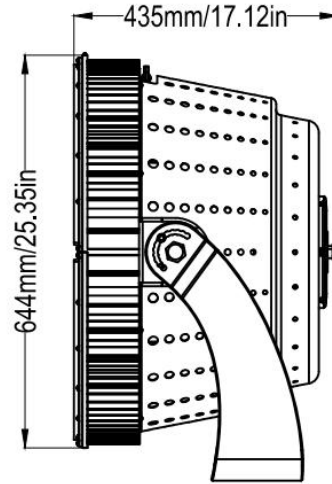
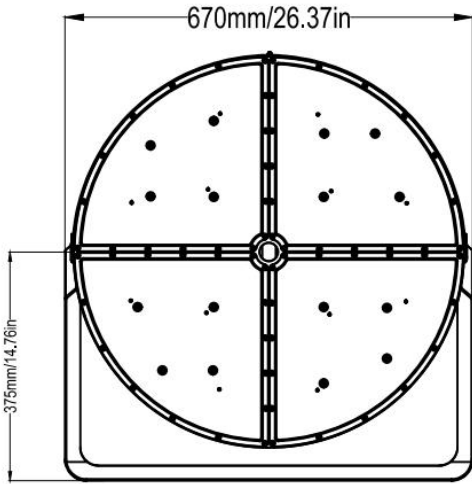
# CHAMPION 3

## YOKE DIMENSIONS 720-1200W



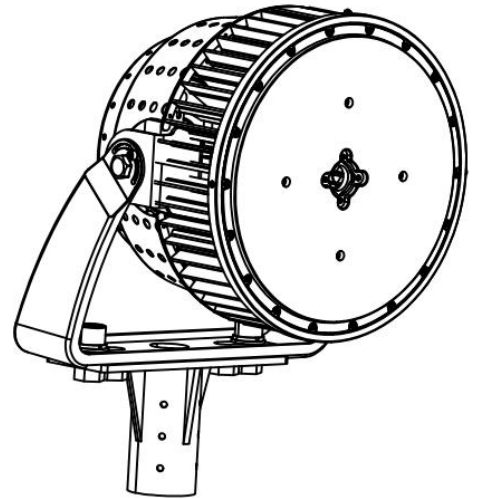
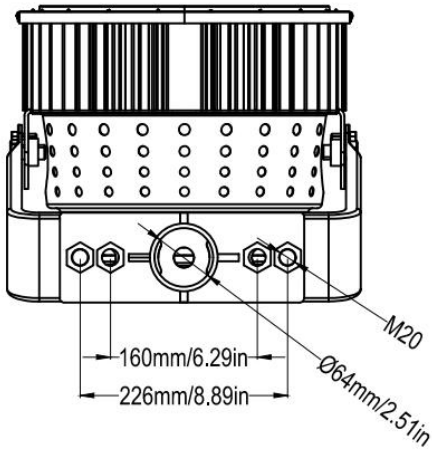
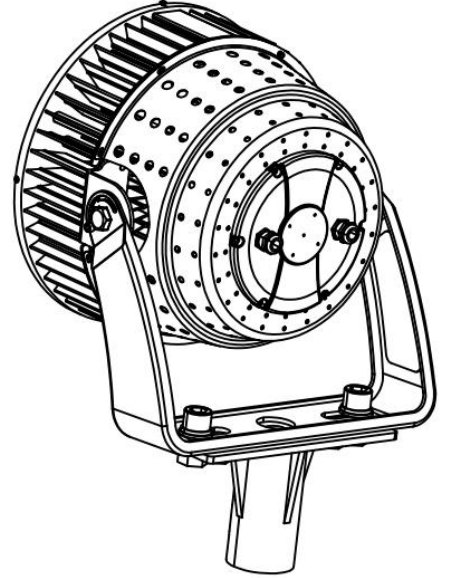
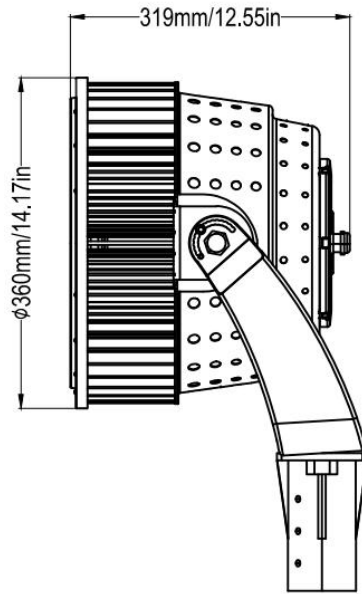
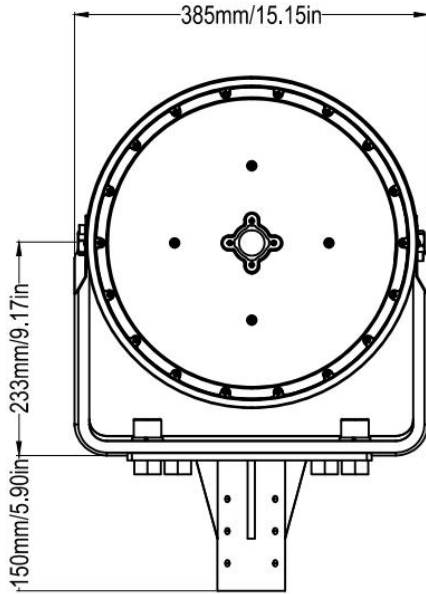
# CHAMPION 3

## YOKE DIMENSIONS 1500-1800W



# CHAMPION 3

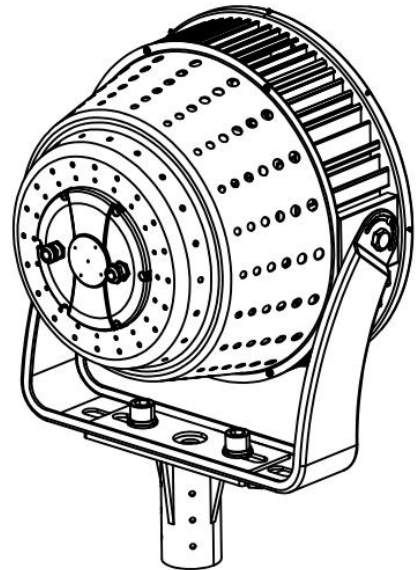
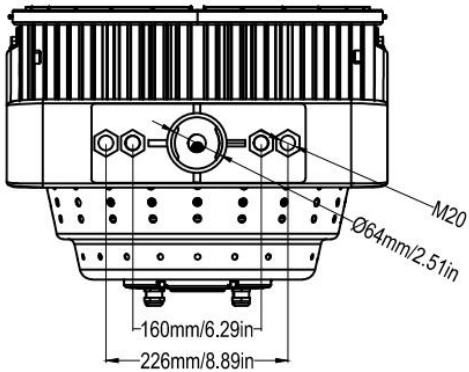
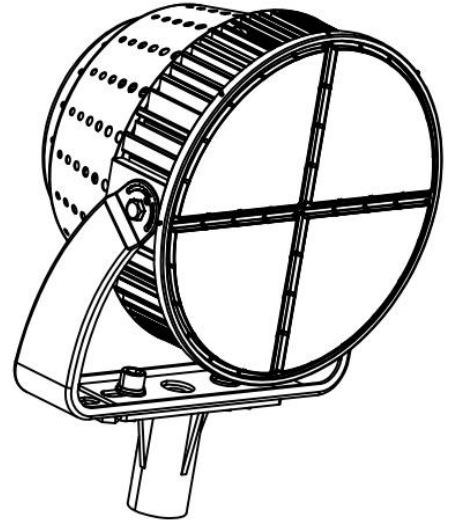
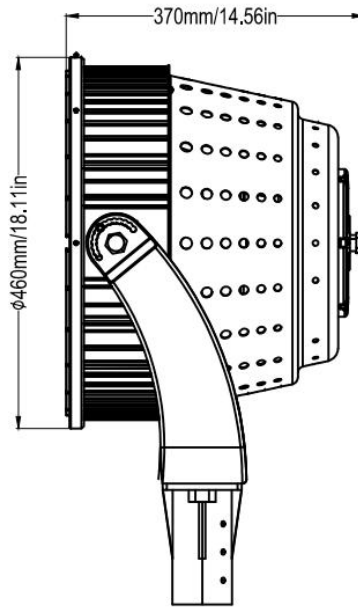
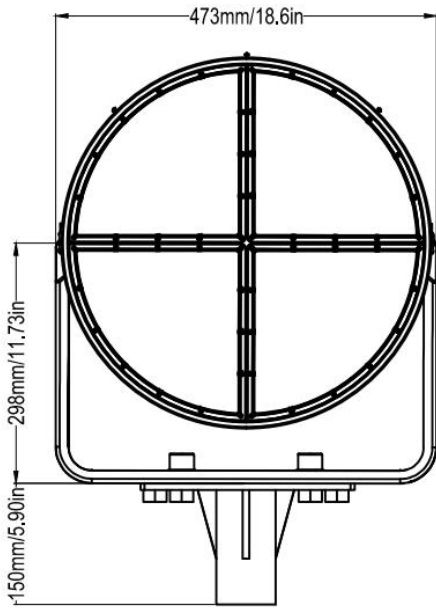
## SLIP FITTER DIMENSIONS 300-600W



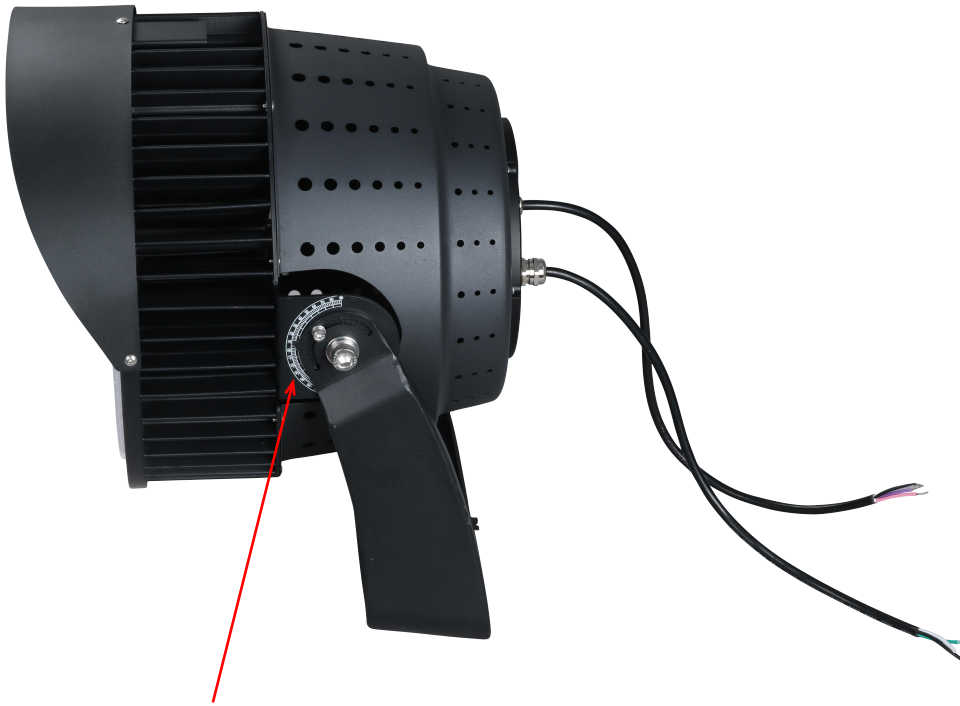


# CHAMPION 3

## SLIP FITTER DIMENSIONS 720-1200W



# CHAMPION 3



Angle markings on arm for tilt aiming.



Angle markings on yoke for horizontal aiming.