

SPORTS FLOOD LIGHT - S.3 CONTENDER 3



SFL-COT3



The Contender LED Sports Flood Light is the ideal stadium light. This sports light packs a punch providing 135-145 lm/W. It is available in multiple beam angles and color temperatures. This fixture is waterproof (IP66 rated), dustproof, and provides superior thermal venting. Operating temperature from -40° to 50°C (-40°F to 122°F). Standard dimming of 0-10V.

With cold forging heat sinks, increased heat dissipation and a longer life for 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 Contender 3 boasts an efficacy of between 135 lm/W and 145 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, color 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 drivers to luminaire) complete with connections are available. Please consult factory.



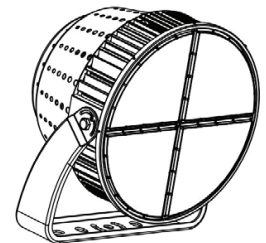
V 120-227 V AC/ 120-347 V AC,
227-480 V AC
Operating Voltage

W 300W - 1800W
Rated power

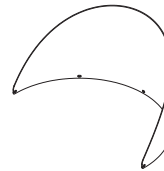
Yoke, Slip Fitter, Visor
Mounting

SPECIFICATION

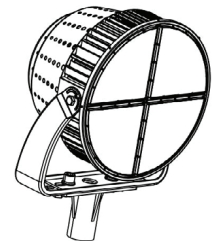
OPERATING VOLTAGE	120-277 VAC / 120-347 VAC and 277-480 VAC
OPERATING TEMPERATURE	-40°C to 50°C (-40°F to 122°F)
POWER CABLE LENGTH	2 m (6 in)
STANDARD SURGE PROTECTION	10 KVA (Standard); 20KVA (Optional)
LED MANUFACTURER	Philips (Lumileds)/Osram
LED DRIVER	Inventronics / Sosen
LAMP LIFE	L70: 65,000 hrs
MOUNTING	Yoke, Slip Fitter, Visor
CRI	>70, CRI80 (Optional)
CONTROL	0-10V Dimming
POWER FACTOR	>0.95
POWER EFFICIENCY	0.95
THD	<15%
UGR RATING	20
CERTIFICATION	CE, cUL, FCC, and DLC Listed
WARRANTY	6 years



Yoke (Standard): Mounting Options



Visor (Included): Mounting Options



Slip Fitter: Mounting Options

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

WATTAGE OPTIONS

300W/400W/500W/600W



720W/800W/900W/1000W/1100W/1200W



1500W/1600W/1800W



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PRODUCT INFORMATION	300W	400W	500W
INSTALLATION	Yoke (standard) or Slip fitter		
MATERIAL	Cold forging aluminum		
FINISH	Powder coat		
SYSTEM POWER	300 W	400 W	500 W
FIXTURE LUMEN OUTPUT	51,000 lm	66,000 lm	80,000 lm
SYSTEM EFFICIENCY (5000K)	170 lm/W	165 lm/W	160 lm/W
LED DRIVER	Integral Inventronics - 1pc	Integral Inventronics - 2pc	Integral Inventronics - 2pc
LED ENGINE	Lumileds	Lumileds	Lumileds / Osram



PACKAGING

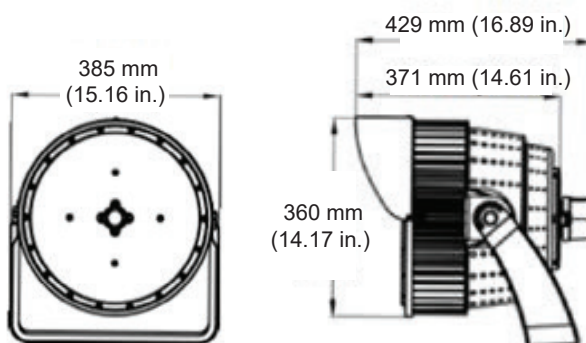
NEW WEIGHT	16.36 kg / 36.07 lbs
GROSS CARTON WEIGHT	18.16 kg / 40.03 lbs
MASTER CARTON DIMENSIONS	515 x 415 x 400 mm / 20.3 x 16.3 x 15.8 in
QUANTITY PER CARTON	1

ORDERING CODE

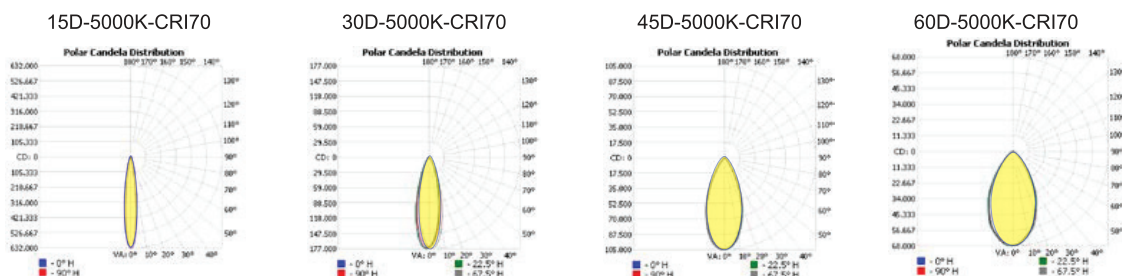
PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	300W - 300 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard) SF - Slip Fitter	NA - No Accessories
		HV - 277-480V	80	400W - 400 Watts	CT40 - 4000K		20D - 20°			LAD - Laser Aiming Device
					500W - 500 Watts		CT50 - 5000K			30D - 30°
						45D - 45°			DMX - DMX Interface	
							60D - 60°			RMD - Remote Driver

Sample: SFL-COT3-UNV-70-300W-CT30-DIM-15D-BK-YK-NA

DIMENSIONS



PHOTOMETRIC DATA



SPORTS FLOOD LIGHT - S.3 CONTENDER 3



SFL-COT3

PRODUCT INFORMATION

600W

INSTALLATION	Yoke (standard) or Slip fitter
MATERIAL	Cold forging aluminum
FINISH	Powder coat
SYSTEM POWER	600 W
FIXTURE LUMEN OUTPUT	93,000 lm
SYSTEM EFFICIENCY (5000K)	155 lm/W
LED DRIVER	Integral Inventronics - 2pc
LED ENGINE	Lumileds / Osram



PACKAGING

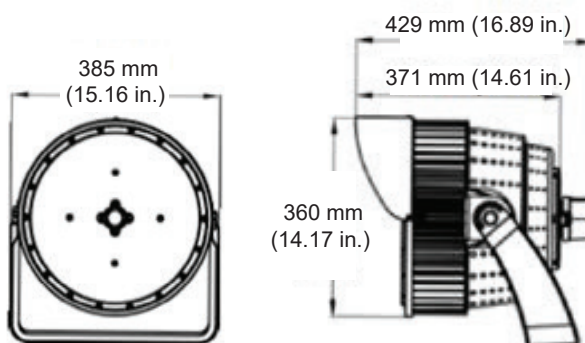
NEW WEIGHT	16.36 kg / 36.07 lbs
GROSS CARTON WEIGHT	18.16 kg / 40.03 lbs
MASTER CARTON DIMENSIONS	515 x 415 x 400 mm / 20.3 x 16.3 x 15.8 in
QUANTITY PER CARTON	1

ORDERING CODE

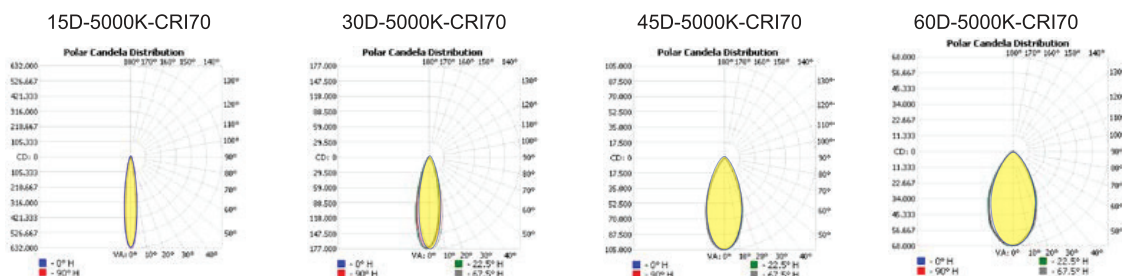
PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	600W - 600 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard) SF - Slip Fitter	NA - No Accessories
		HV - 277-480V	80		CT40 - 4000K		20D - 20°			LAD - Laser Aiming Device
					CT50 - 5000K		30D - 30°			20SPD - 20KV Surge Protection Device
					RGBW - RGBW		45D - 45°			DMX - DMX Interface
					RGB - RGB		60D - 60°			RMD - Remote Driver

Sample: SFL-COT3-UNV-70- 600W-CT30-DIM-15D-BK-YK-NA

DIMENSIONS



PHOTOMETRIC DATA



SPORTS FLOOD LIGHT - S.3 CONTENDER 3



SFL-COT3

PRODUCT INFORMATION

	720W	800W
INSTALLATION	Yoke (standard) or Slip fitter	
MATERIAL	Cold forging aluminum	
FINISH	Powder coat	
SYSTEM POWER	720 W	800 W
FIXTURE LUMEN OUTPUT	118,800 lm	128,000 lm
SYSTEM EFFICIENCY (5000K)	165 lm/W	160 lm/W
LED DRIVER	Integral Inventronics - 4pc	
LED ENGINE	Lumileds / Osram	



PACKAGING

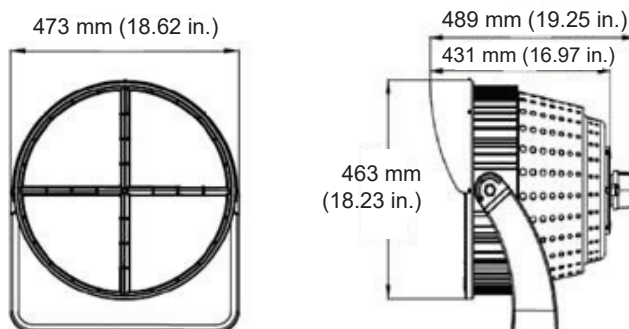
	720W	800W
NEW WEIGHT	25.79 kg / 56.86 lbs	25.79 kg / 56.86 lbs
GROSS CARTON WEIGHT	28.88 kg / 63.67 lbs	28.88 kg / 63.67 lbs
MASTER CARTON DIMENSIONS	635 x 535 x 465 mm / 25.0 x 21.1 x 18.3 in	635 x 535 x 465 mm / 25.0 x 21.1 x 18.3 in
QUANTITY PER CARTON	1	1

ORDERING CODE

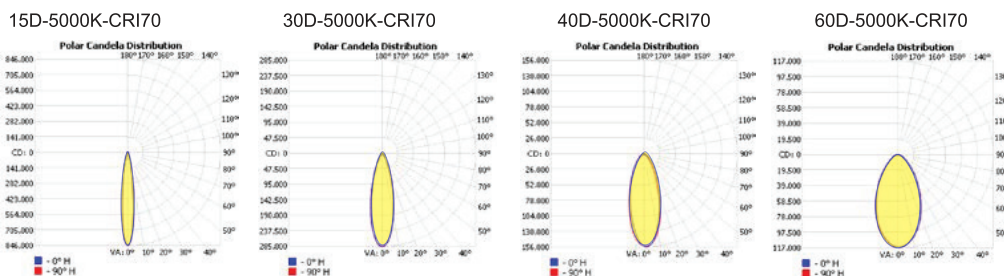
PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	720W - 720 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard) SF - Slip Fitter	NA - No Accessories
		HV - 277-480V	80	800W - 800 Watts	CT40 - 4000K CT50 - 5000K		20D - 20° 30D - 30° 40D - 40° 60D - 60° 80D - 80°			LAD - Laser Aiming Device 20SPD - 20KV Surge Protection Device DMX - DMX Interface RMD - Remote Driver

Sample: SFL-COT3-UNV-70- 720W-CT30-DIM-15D-BK-YK-NA

DIMENSIONS



PHOTOMETRIC DATA



SPORTS FLOOD LIGHT - S.3 CONTENDER 3



SFL-COT3

PRODUCT INFORMATION

	900W	1000W
INSTALLATION	Yoke (standard) or Slip fitter	
MATERIAL	Cold forging aluminum	
FINISH	Powder coat	
SYSTEM POWER	900 W	1000 W
FIXTURE LUMEN OUTPUT	139,500 lm	150,000 lm
SYSTEM EFFICIENCY (5000K)	155 lm/W	150 lm/W
LED DRIVER	Integral Inventronics - 4pc	
LED ENGINE	Lumileds / Osram	



PACKAGING

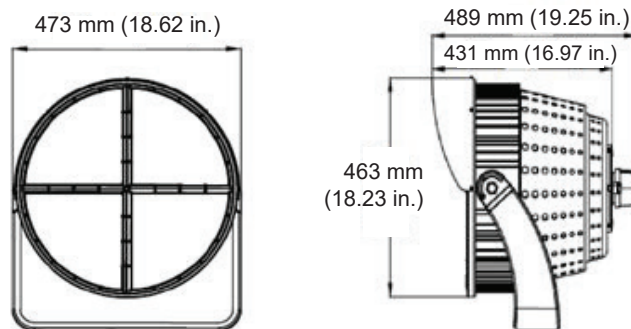
	900W	1000W
NEW WEIGHT	25.79 kg / 56.86 lbs	25.79 kg / 56.86 lbs
GROSS CARTON WEIGHT	28.88 kg / 63.67 lbs	28.88 kg / 63.67 lbs
MASTER CARTON DIMENSIONS	635 x 535 x 465 mm / 25.0 x 21.1 x 18.3 in	635 x 535 x 465 mm / 25.0 x 21.1 x 18.3 in
QUANTITY PER CARTON	1	1

ORDERING CODE

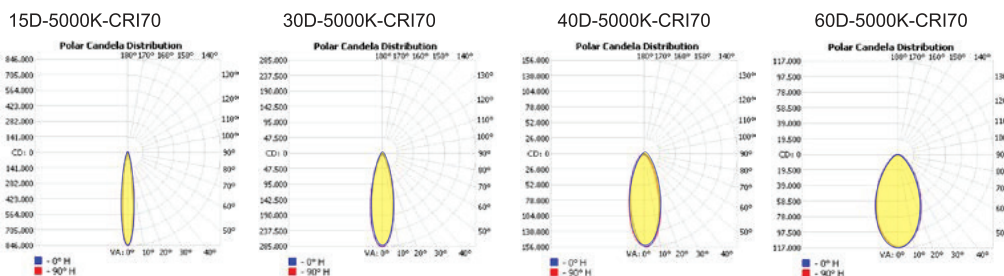
PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	900W - 900 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard) SF - Slip Fitter	NA - No Accessories
		HV - 277-480V	80	1000W - 1000 Watts	CT40 - 4000K CT50 - 5000K		20D - 20° 30D - 30° 40D - 40° 60D - 60° 80D - 80°			LAD - Laser Aiming Device 20SPD - 20KV Surge Protection Device DMX - DMX Interface RMD - Remote Driver

Sample: SFL-COT3-UNV-70-900W-CT30-DIM-15D-BK-YK-NA

DIMENSIONS



PHOTOMETRIC DATA



SPORTS FLOOD LIGHT - S.3 CONTENDER 3



SFL-COT3

PRODUCT INFORMATION

	1100W	1200W
INSTALLATION	Yoke (standard) or Slip fitter	
MATERIAL	Cold forging aluminum	
FINISH	Powder coat	
SYSTEM POWER	1100 W	1200 W
FIXTURE LUMEN OUTPUT	159,500 lm	162,000 lm
SYSTEM EFFICIENCY (5000K)	145 lm/W	135 lm/W
LED DRIVER	Integral Inventronics - 4pc	
LED ENGINE	Lumileds / Osram	



PACKAGING

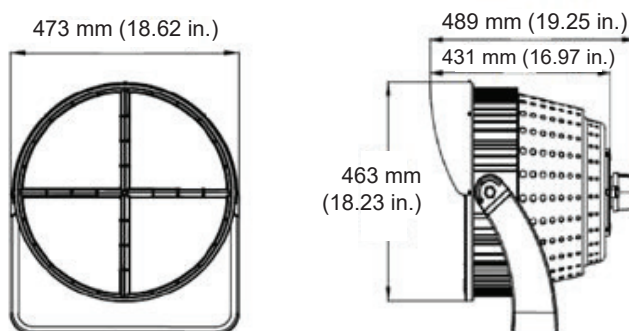
	1100W	1200W
NEW WEIGHT	25.79 kg / 56.86 lbs	25.79 kg / 56.86 lbs
GROSS CARTON WEIGHT	28.88 kg / 63.67 lbs	28.88 kg / 63.67 lbs
MASTER CARTON DIMENSIONS	635 x 535 x 465 mm / 25.0 x 21.1 x 18.3 in	635 x 535 x 465 mm / 25.0 x 21.1 x 18.3 in
QUANTITY PER CARTON	1	1

ORDERING CODE

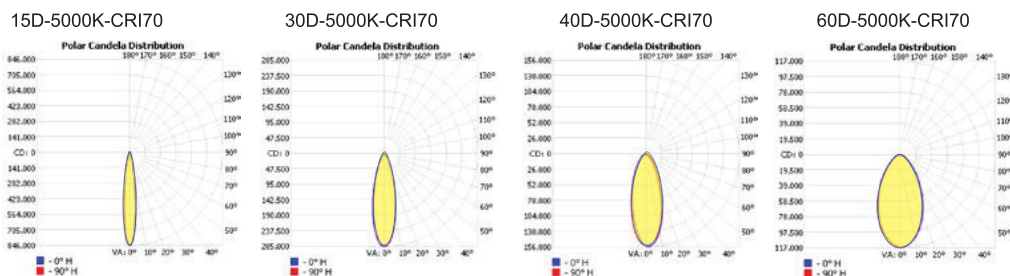
PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	1100W - 1100 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard) SF - Slip Fitter	NA - No Accessories
		HV - 277-480V	80	1200W - 1200 Watts	CT40 - 4000K CT50 - 5000K		20D - 20° 30D - 30° 40D - 40° 60D - 60° 80D - 80°			LAD - Laser Aiming Device 20SPD - 20KV Surge Protection Device DMX - DMX Interface RMD - Remote Driver

Sample: SFL-COT3-UNV-70- 1100W-CT30-DIM-15D-BK-YK-NA

DIMENSIONS



PHOTOMETRIC DATA



SPORTS FLOOD LIGHT - S.3 CONTENDER 3



SFL-COT3

PRODUCT INFORMATION	1500W	1600W	1800W
INSTALLATION	Yoke (standard)		
MATERIAL	Cold forging aluminum		
FINISH	Powder coat		
SYSTEM POWER	1500 W	1600 W	1800 W
FIXTURE LUMEN OUTPUT	217,500 lm	224,000 lm	243,000 lm
SYSTEM EFFICIENCY (5000K)	145 lm/W	140 lm/W	135 lm/W
LED DRIVER	Integral Inventronics - 4pc	Integral Inventronics - 4pc	Integral Inventronics - 4pc
LED ENGINE	Lumileds / Osram		



PACKAGING

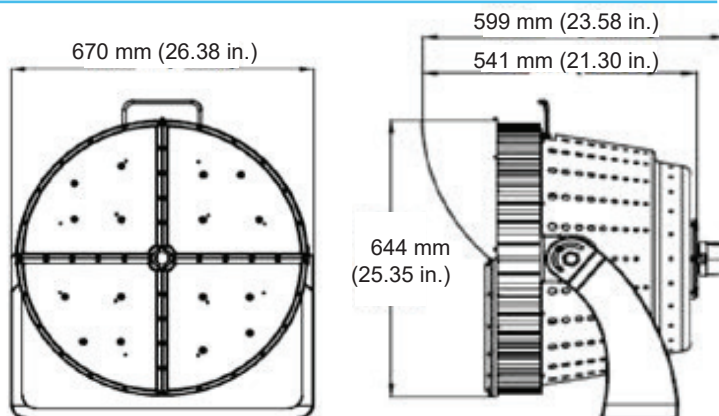
NEW WEIGHT	51.96 kg / 114.55 lbs
GROSS CARTON WEIGHT	57.47 kg / 126.70 lbs
MASTER CARTON DIMENSIONS	820 x 750 x 525 mm / 32.3 x 29.5 x 20.7 in
QUANTITY PER CARTON	1

ORDERING CODE

PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	1500W - 1500 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard)	NA - No Accessories
		HV - 277-480V	80	1600W - 1600 Watts	CT40 - 4000K		20D - 20°			LAD - Laser Aiming Device
				1800W - 1800 Watts	CT50 - 5000K		30D - 30°			20SPD - 20KV Surge Protection Device
						45D - 45°	DMX - DMX Interface		RMD - Remote Driver	

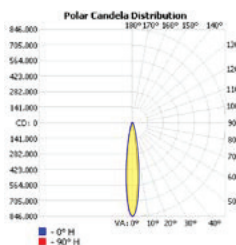
Sample: SFL-COT3-UNV-70- 1500W-CT30-DIM-15D-BK-YK-NA

DIMENSIONS

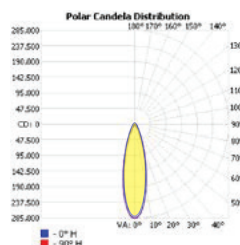


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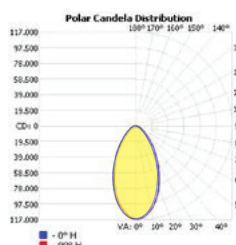
15D-5000K-CRI70



30D-5000K-CRI70



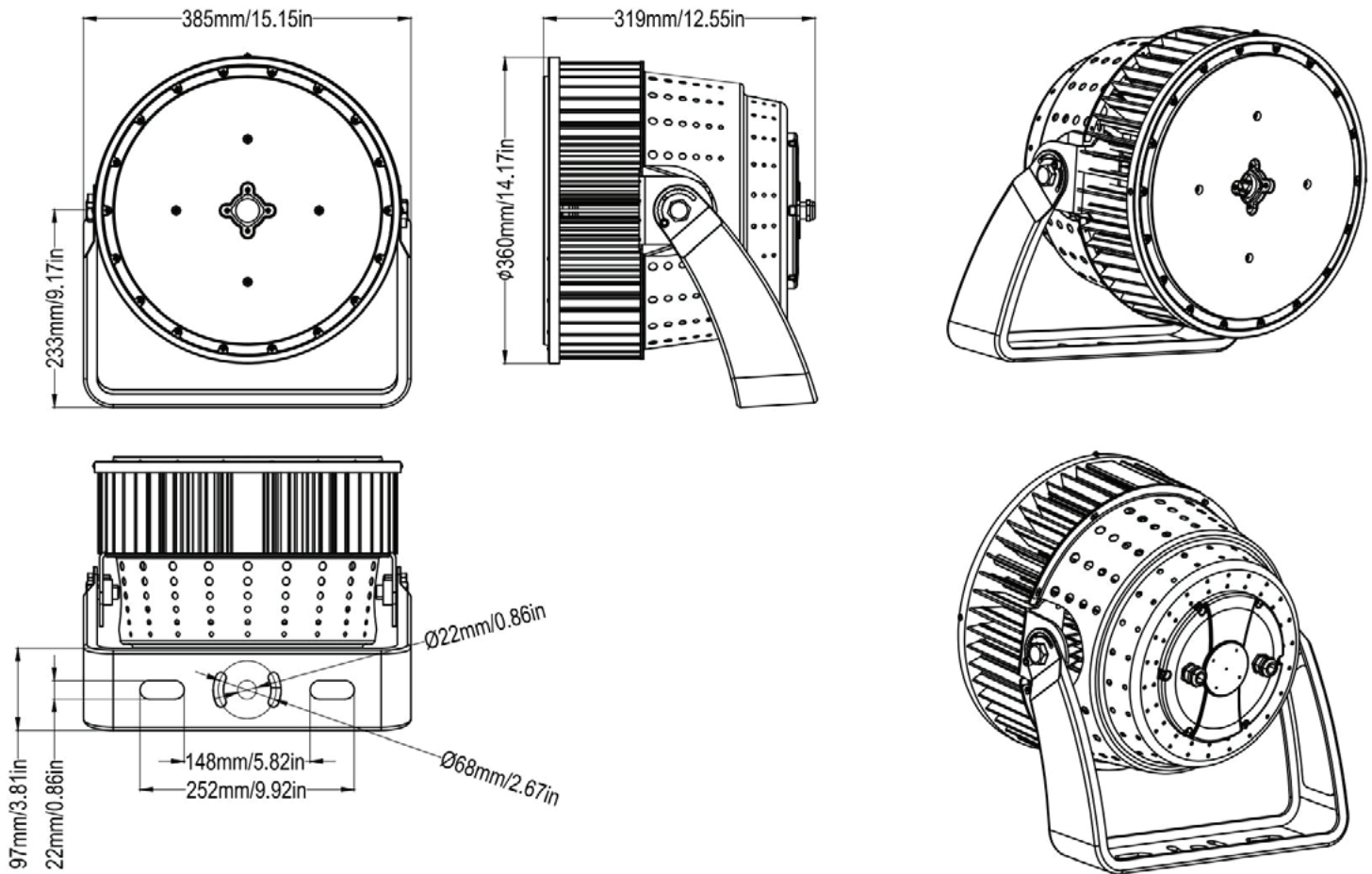
45D-5000K-CRI70



SPORTS FLOOD LIGHT - S.3 CONTENDER 3

SFL-COT3

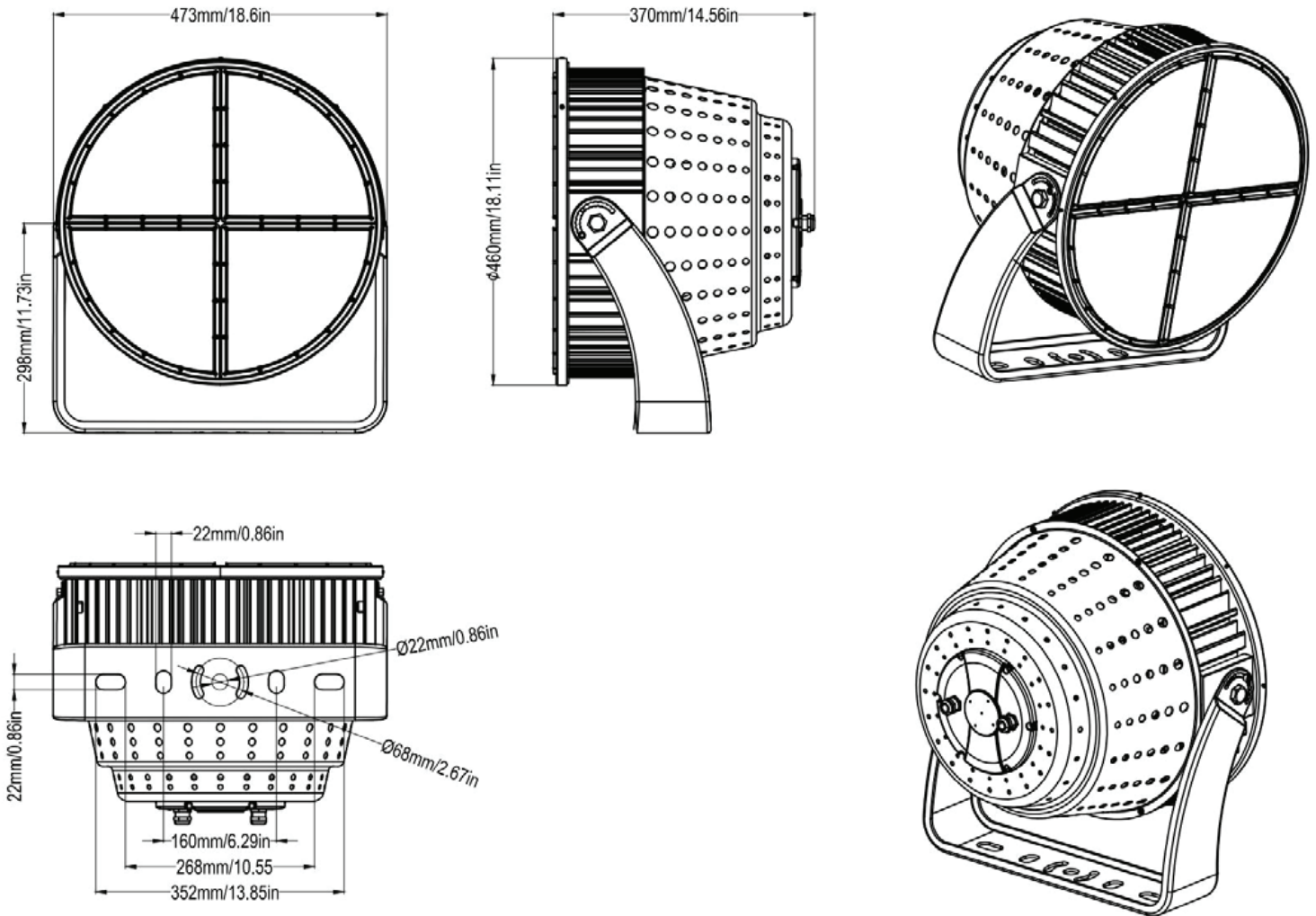
YOKE DIMENSIONS 400-600W



SPORTS FLOOD LIGHT - S.3 CONTENDER 3

SFL-COT3

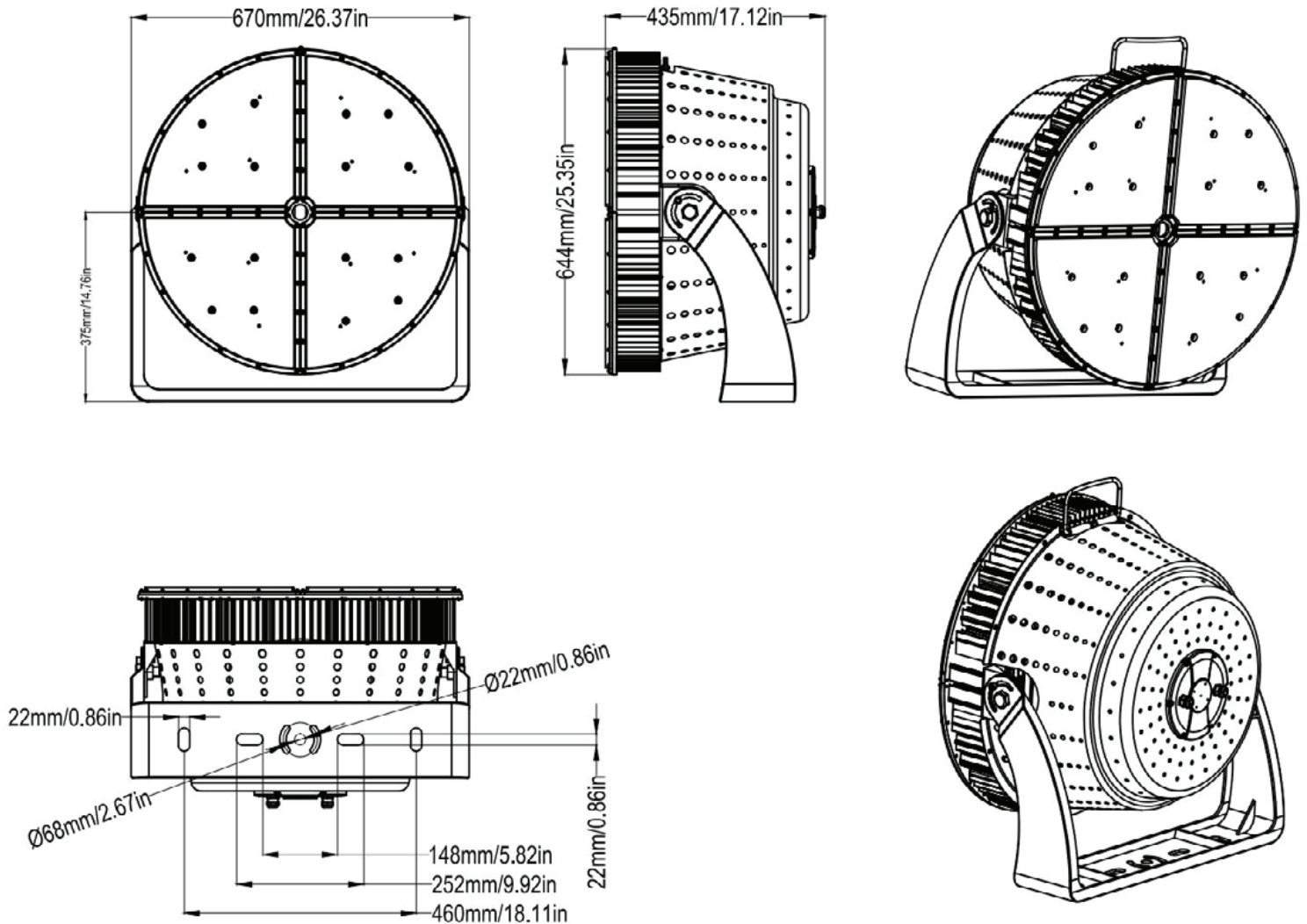
YOKE DIMENSIONS 720-1200W



SPORTS FLOOD LIGHT - S.3 CONTENDER 3

SFL-COT3

YOKE DIMENSIONS 1500-1800W

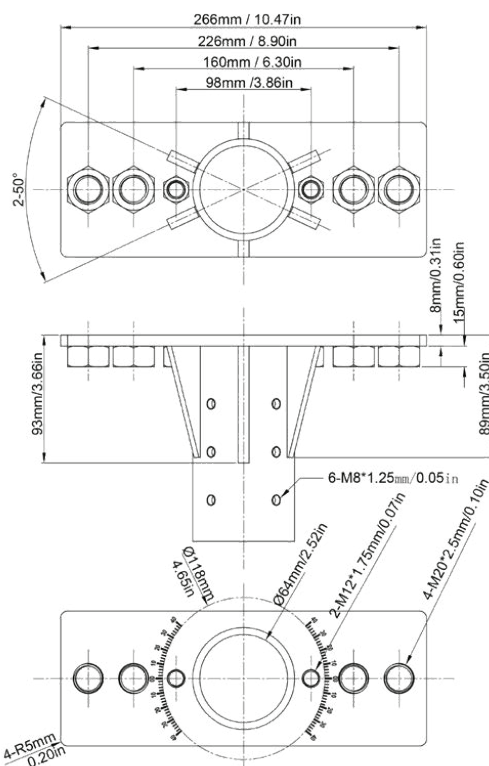
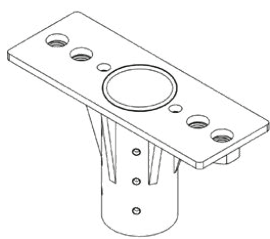
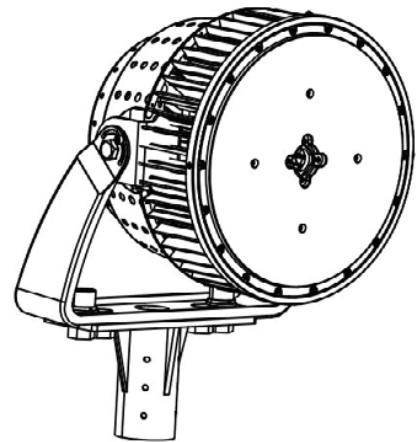
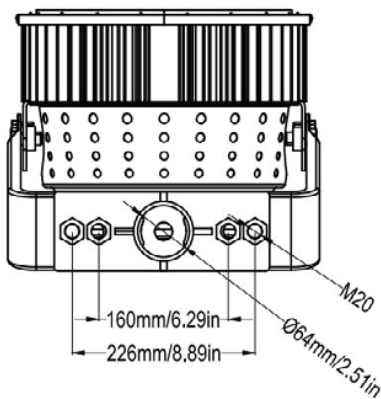
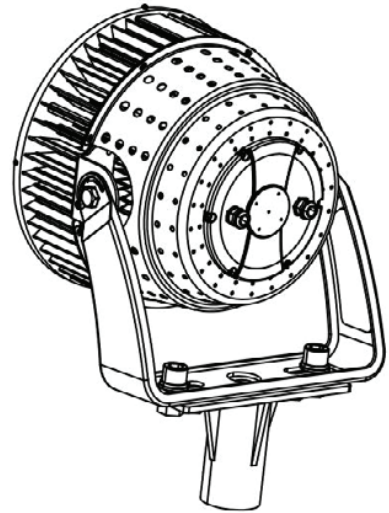
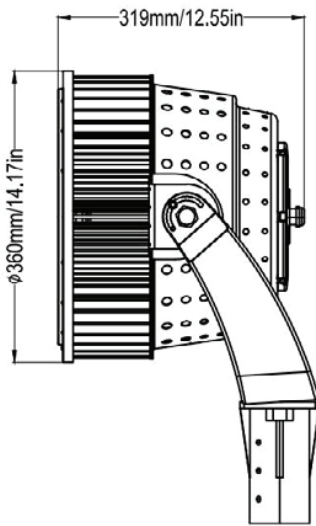
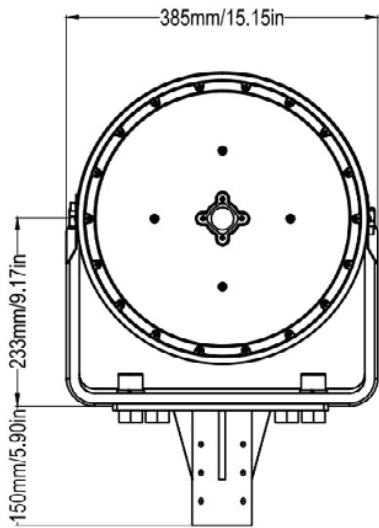


SPORTS FLOOD LIGHT - S.3 CONTENDER 3



SFL-COT3

SLIP FITTER DIMENSIONS 400-600W

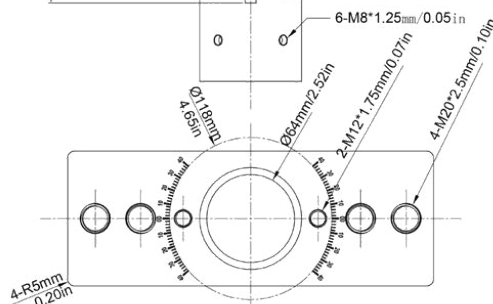
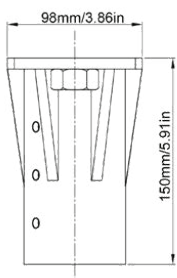
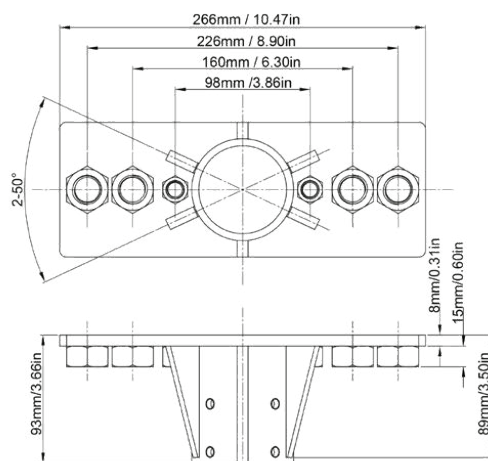
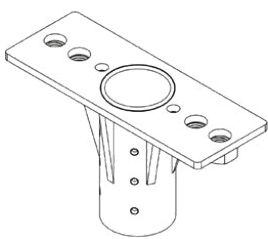
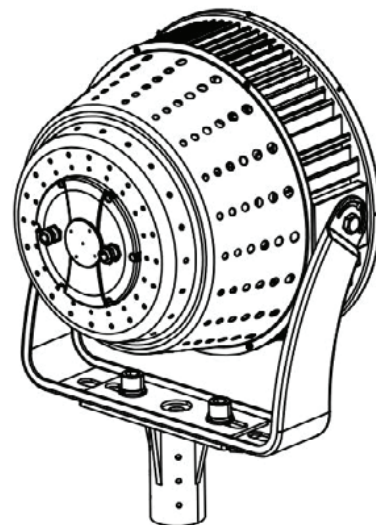
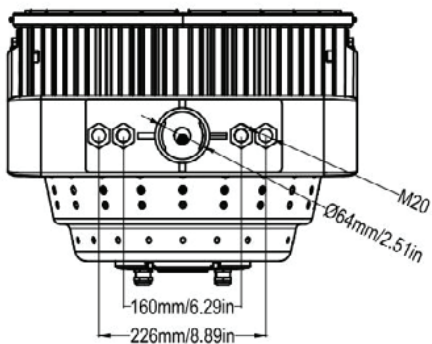
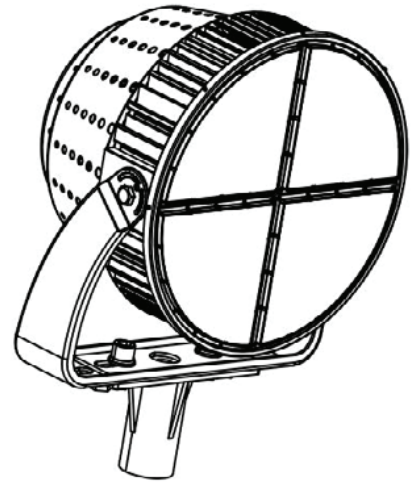
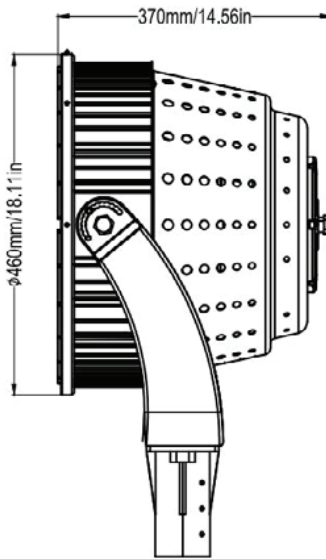
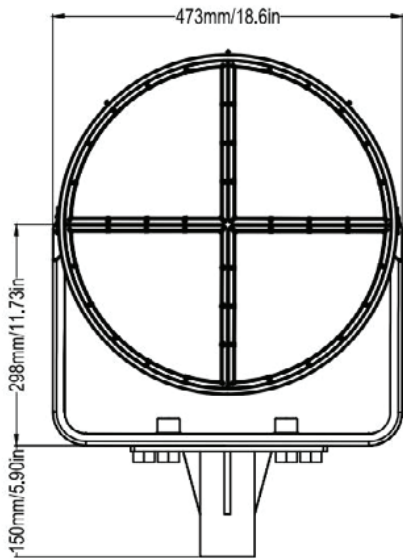


SPORTS FLOOD LIGHT - S.3 CONTENDER 3



SFL-COT3

SLIP FITTER DIMENSIONS 720-1200W

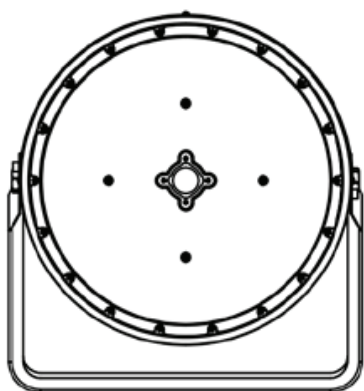
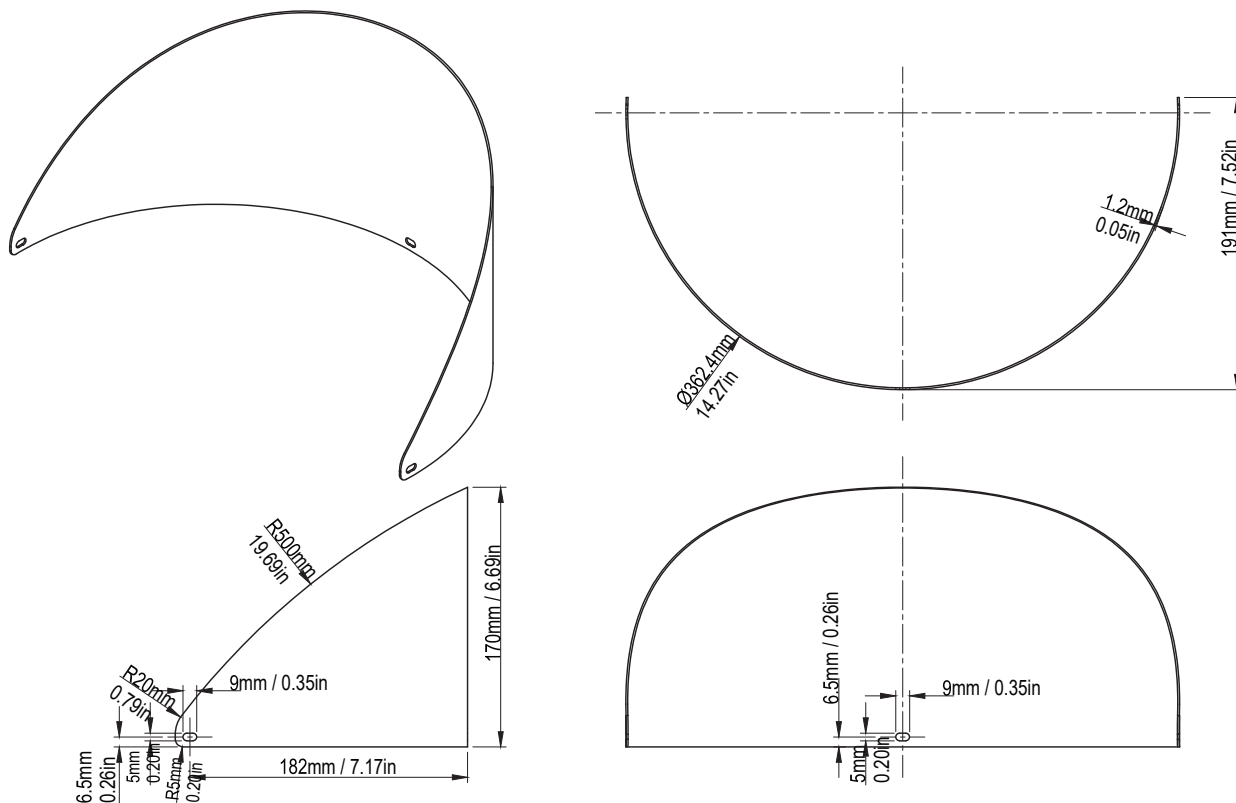


SPORTS FLOOD LIGHT - S.3 CONTENDER 3

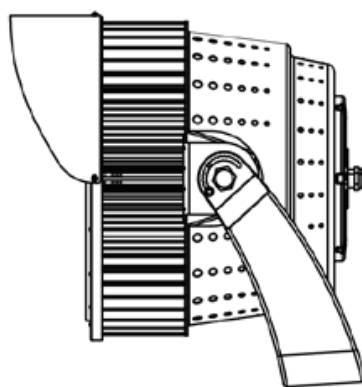


SFL-COT3

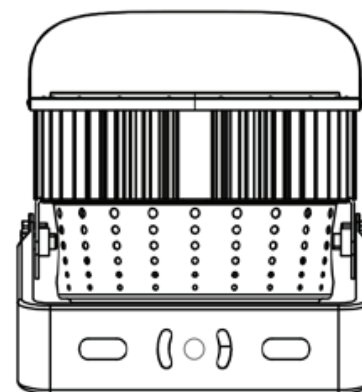
VISOR DIMENSIONS 400-600W



Front EPA: 0.116m^2 | 1.25ft^2



Side EPA: 0.108m^2 | 1.16ft^2



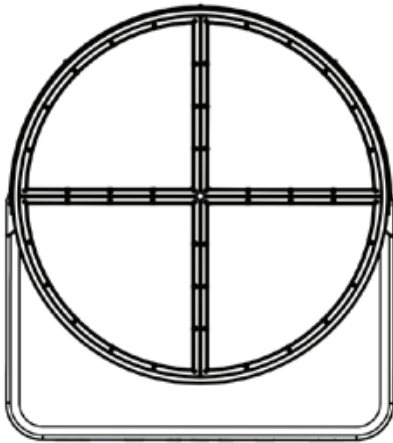
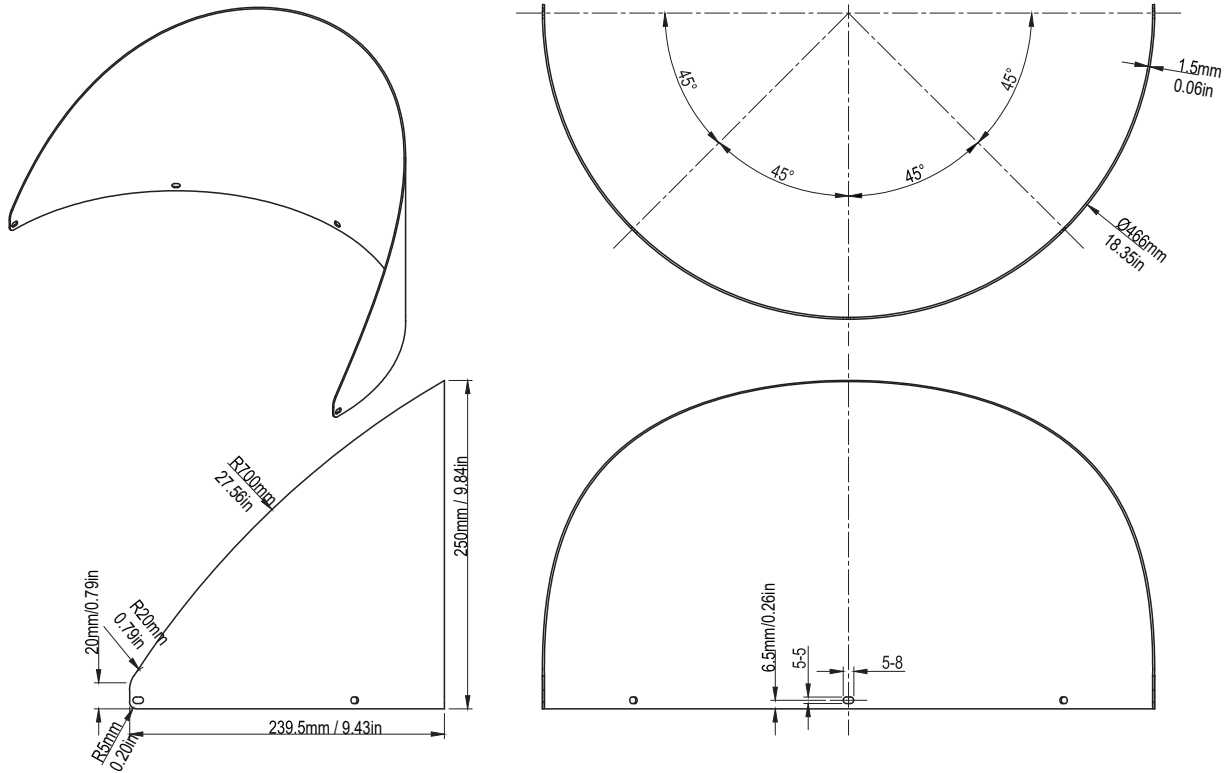
Side EPA: 0.146m^2 | 1.57ft^2

SPORTS FLOOD LIGHT - S.3 CONTENDER 3

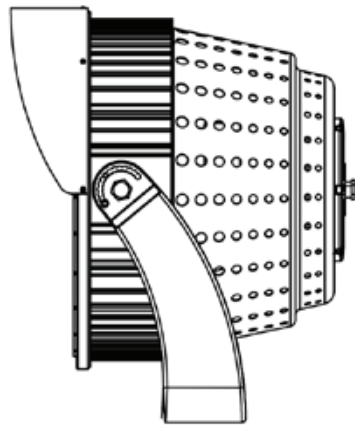


SFL-COT3

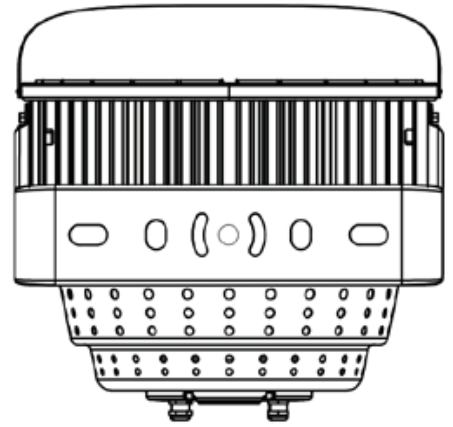
VISOR DIMENSIONS 720-1200W



Front EPA: 0.187m² | 2.01ft²



Side EPA: 0.160m² | 1.72ft²



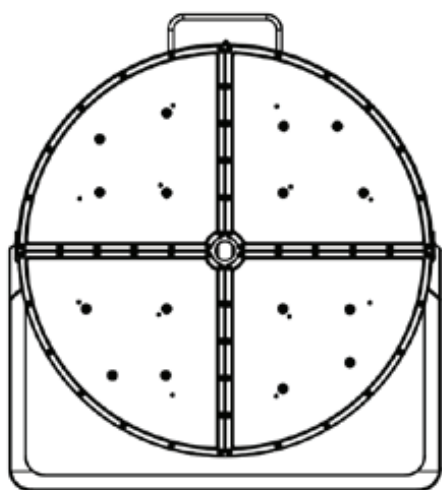
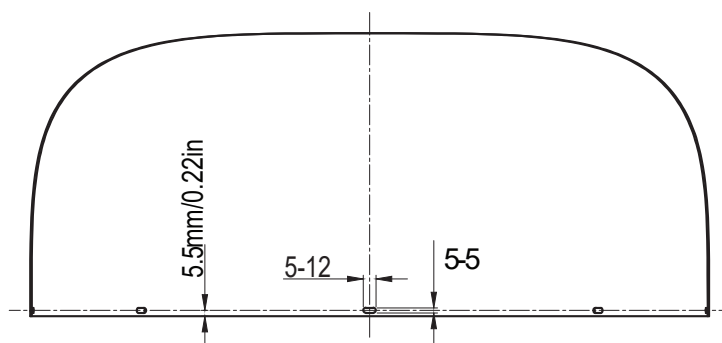
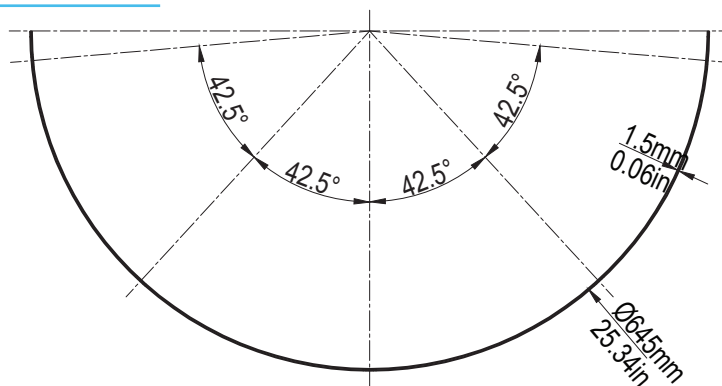
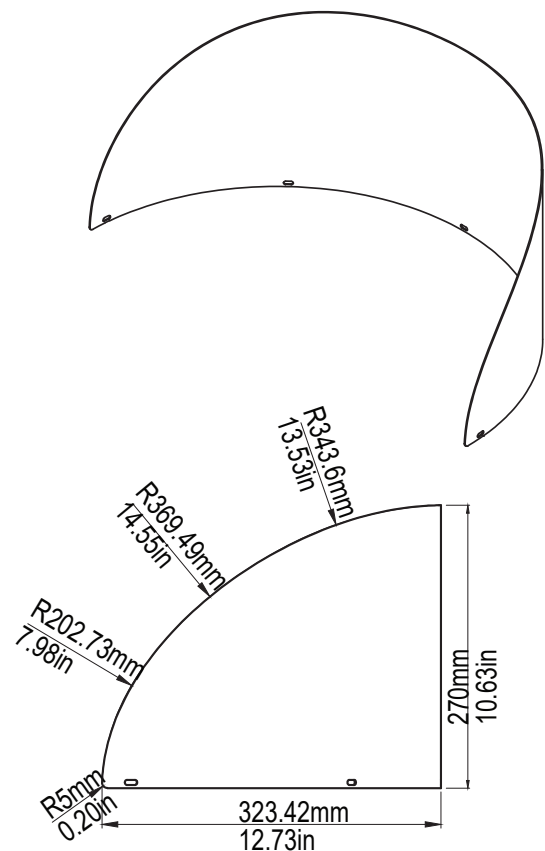
Side EPA: 0.183m² | 1.97ft²

SPORTS FLOOD LIGHT - S.3 CONTENDER 3

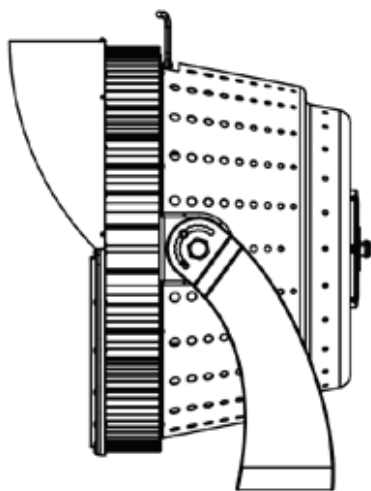


SFL-COT3

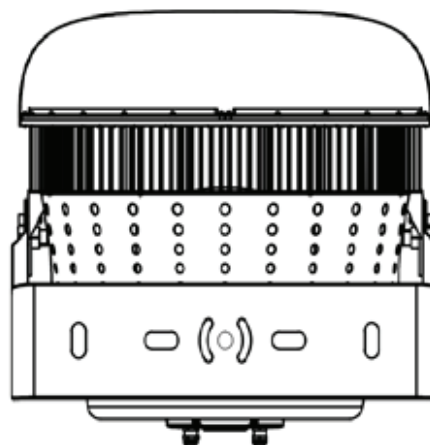
VISOR DIMENSIONS 1500-1800W



Front EPA: 0.374m² | 4.03ft²



Side EPA: 0.260m² | 2.79ft²

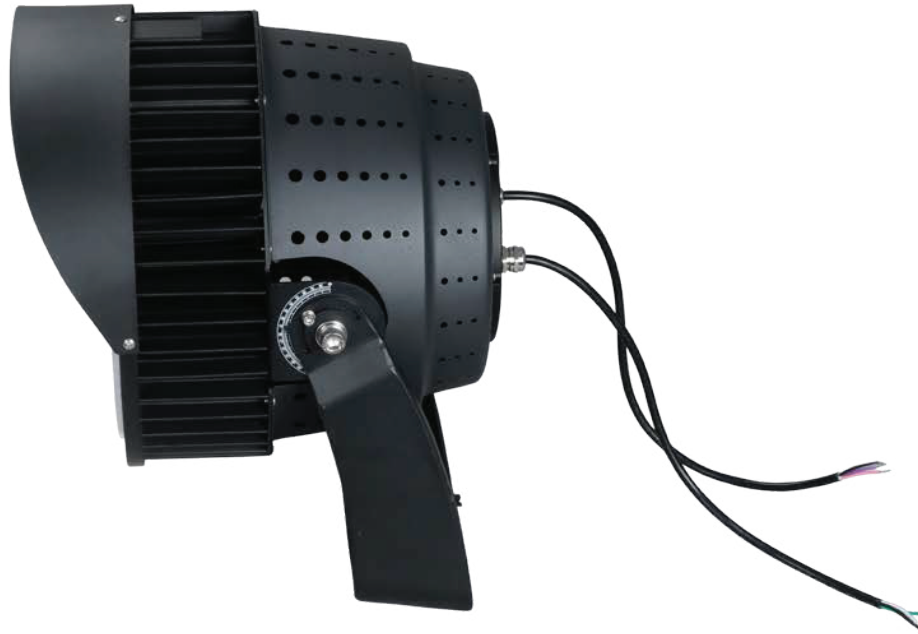


Side EPA: 0.333m² | 3.59ft²

SPORTS FLOOD LIGHT - S.3 CONTENDER 3

SFL-COT3

ARM TILT AIMING



Angle markings on arm for tilt aiming.

YOKE HORIZONTAL AIMING



Angle markings on yoke for horizontal aiming.