

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 300-1200W 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.

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 / Moso
LAMP LIFE	L70: 65,000 hrs
MOUNTING	Yoke, Slip Fitter, Visor
CRI	>70, 80 (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

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

WATTAGE OPTIONS

300W/400W/500W/600W



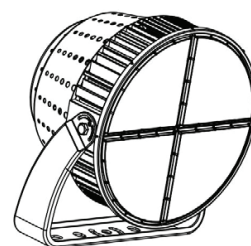
720W/800W/1000W/1200W



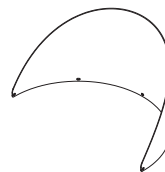
V 120-227 V AC/ 120-347 V AC,
227-480 V AC
Operating Voltage

W 300W - 1200W
Rated power

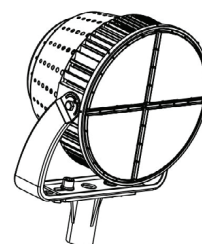
10 Yoke, Slip Fitter, Visor
Mounting



Yoke (Standard): Mounting Options



Visor (Included) : Mounting Options



Slip Fitter: Mounting Options

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PRODUCT INFORMATION	300W	400W	500W
INSTALLATION	Yoke (standard) or Slip fitter		
MATERIAL	Die-cast 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 Moso - 2pc (UNV) / Integral Sosen - 1pc (HV)		
LED ENGINE	Lumileds 5050 (3737 for 15D)		



PACKAGING

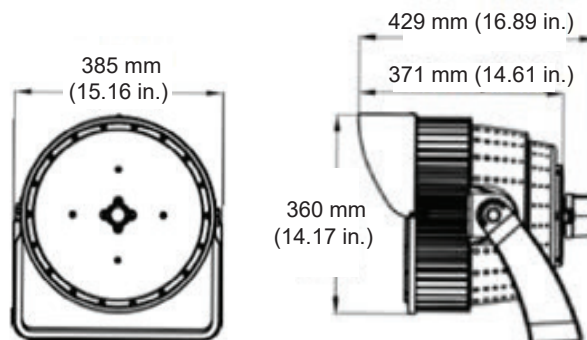
NEW WEIGHT	13.80 kg / 30.36 lbs	12.80 kg / 28.16 lbs
GROSS CARTON WEIGHT	16.00 kg / 35.20 lbs	16.00 kg / 35.20 lbs
MASTER CARTON DIMENSIONS	515 x 415 x 365 mm / 20.3 x 16.3 x 14.3 in	515 x 415 x 365 mm / 20.3 x 16.3 x 14.3 in
QUANTITY PER CARTON	1	1

ORDERING CODE

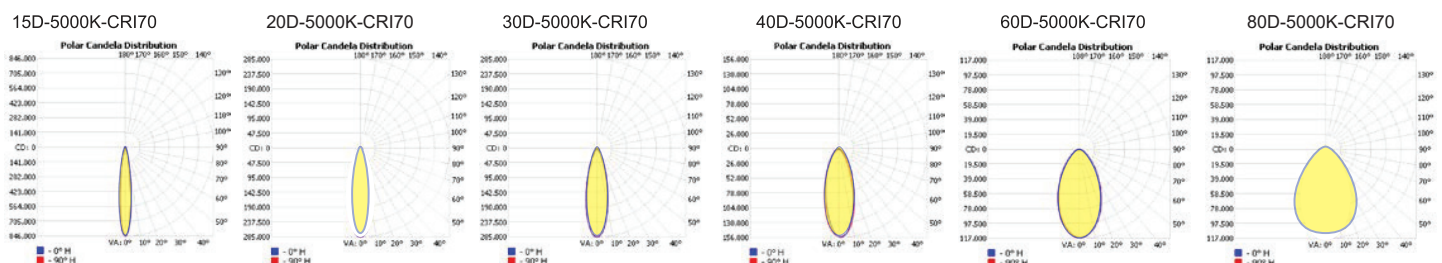
PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	300W - 300 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard) SF - Slip Fitter	NA - No Accessories
		HV - 277-480V	80	400W - 400 Watts	CT40 - 4000K		20D - 20°			LAD - Laser Aiming Device
				500W - 500 Watts	CT50 - 5000K		30D - 30° 45D - 45° 60D - 60°			20SPD - 20KV Surge Protection Device DMX - DMX Interface 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	Die-cast aluminum
FINISH	Powder coat
SYSTEM POWER	600 W
FIXTURE LUMEN OUTPUT	93,000 lm
SYSTEM EFFICIENCY (5000K)	155 lm/W
LED DRIVER	Integral Moso - 2pc (UNV) / Integral Sosen - 1pc (HV)
LED ENGINE	Lumileds 5050 (3737 for 15D)

PACKAGING

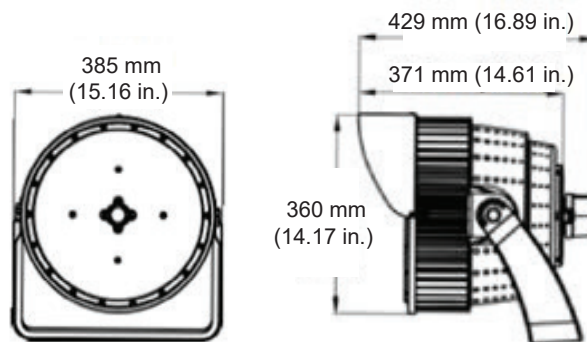
NEW WEIGHT	13.80 kg / 30.36 lbs
GROSS CARTON WEIGHT	16.00 kg / 35.20 lbs
MASTER CARTON DIMENSIONS	515 x 415 x 365 mm / 20.3 x 16.3 x 14.37 in
QUANTITY PER CARTON	1

ORDERING CODE

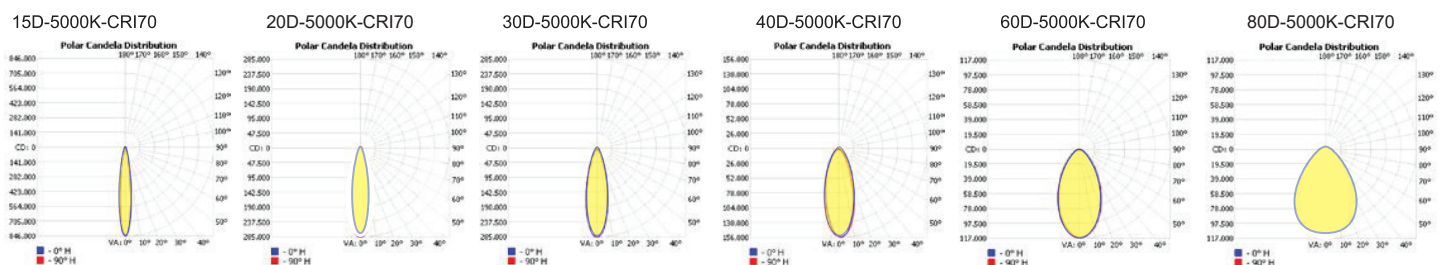
PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	600W - 600 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard)	NA - No Accessories
		HV - 277-480V	80		CT40 - 4000K CT50 - 5000K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



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PRODUCT INFORMATION

	720W	800W
INSTALLATION	Yoke (standard) or Slip fitter	
MATERIAL	Die-cast 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 Moso - 4pc (UNV) / Sosen - 2pc (HV)	
LED ENGINE	Lumileds 5050 (3737 for 15D)	

PACKAGING

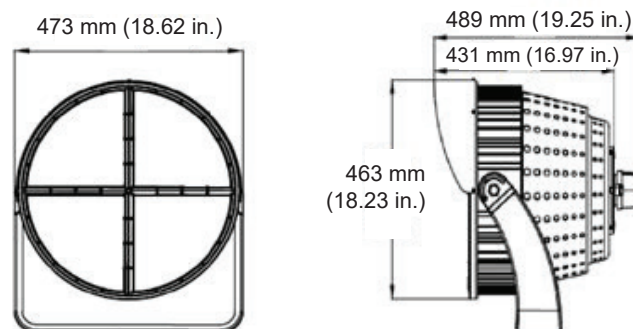
NEW WEIGHT	31.00 kg / 68.20 lbs
GROSS CARTON WEIGHT	35.20 kg / 77.4 lbs
MASTER CARTON DIMENSIONS	610 x 610 x 450 mm / 24.02 x 24.02 x 17.72 in
QUANTITY PER CARTON	1

ORDERING CODE

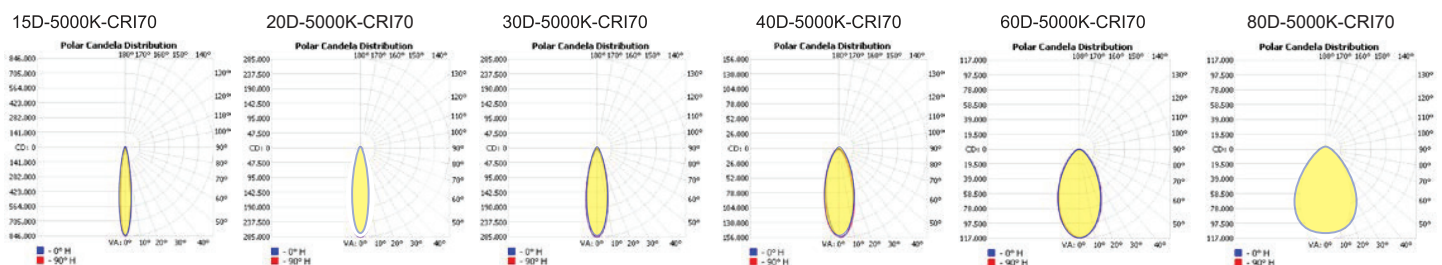
PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	720W - 720 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard) SF - Slip Fitter	NA - No Accessories
		HV - 277-480V	80	800W - 800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

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

	1000W	1200W
INSTALLATION	Yoke (standard) or Slip fitter	
MATERIAL	Die-cast aluminum	
FINISH	Powder coat	
SYSTEM POWER	1000 W	1200 W
FIXTURE LUMEN OUTPUT	150,000 lm	162,000 lm
SYSTEM EFFICIENCY (5000K)	150 lm/W	135 lm/W
LED DRIVER	Moso - 4pc (UNV) / Sosen - 2pc (HV)	
LED ENGINE	Lumileds 5050 (3737 for 15D)	



PACKAGING

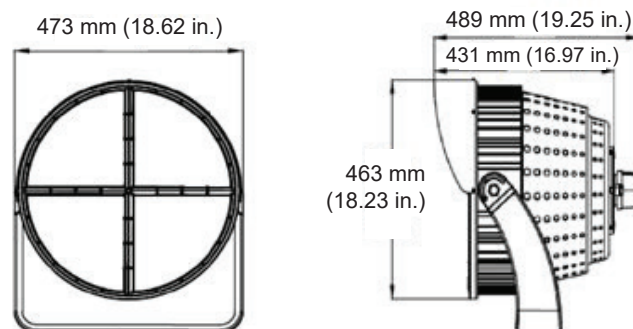
NEW WEIGHT	31.00 kg / 68.20 lbs
GROSS CARTON WEIGHT	35.20 kg / 77.4 lbs
MASTER CARTON DIMENSIONS	610 x 610 x 450 mm / 24.02 x 24.02 x 17.72 in
QUANTITY PER CARTON	1

ORDERING CODE

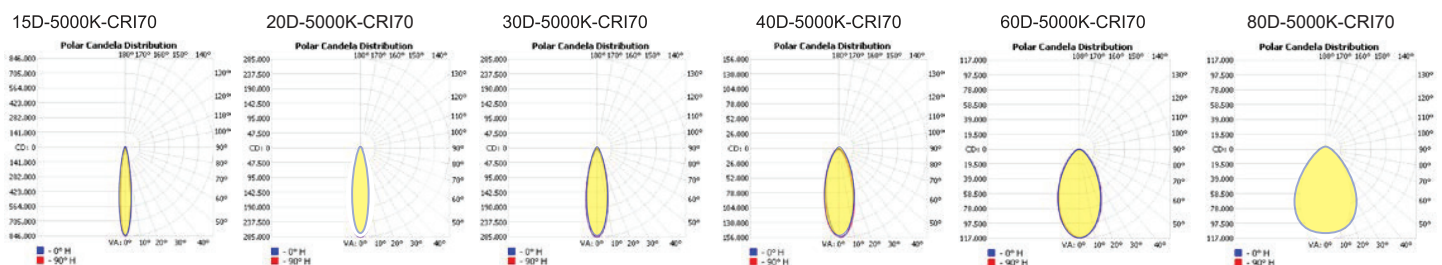
PRODUCT SERIES	TYPE	VOLTAGE	CRI	POWER	COLOR TEMPERATURE	DIMMING	BEAM ANGLES	FINISH	MOUNTING	ACCESSORIES
SFL	COT3 - Contender 3	UNV - 120-277V	70	1000W - 900 Watts	CT30 - 3000K	DIM - 0-10V	15D - 15°	BK - Black	YK - Yoke Mount (Standard) SF - Slip Fitter	NA - No Accessories
		HV - 277-480V	80	1200W - 1000 Watts	CT40 - 4000K		20D - 20°			LAD - Laser Aiming Device
					CT50 - 5000K		30D - 30° 40D - 40° 60D - 60° 80D - 80°			20SPD - 20KV Surge Protection Device DMX - DMX Interface RMD - Remote Driver

Sample: SFL-COT3-UNV-70-1000W-CT30-DIM-15D-BK-YK-NA

DIMENSIONS



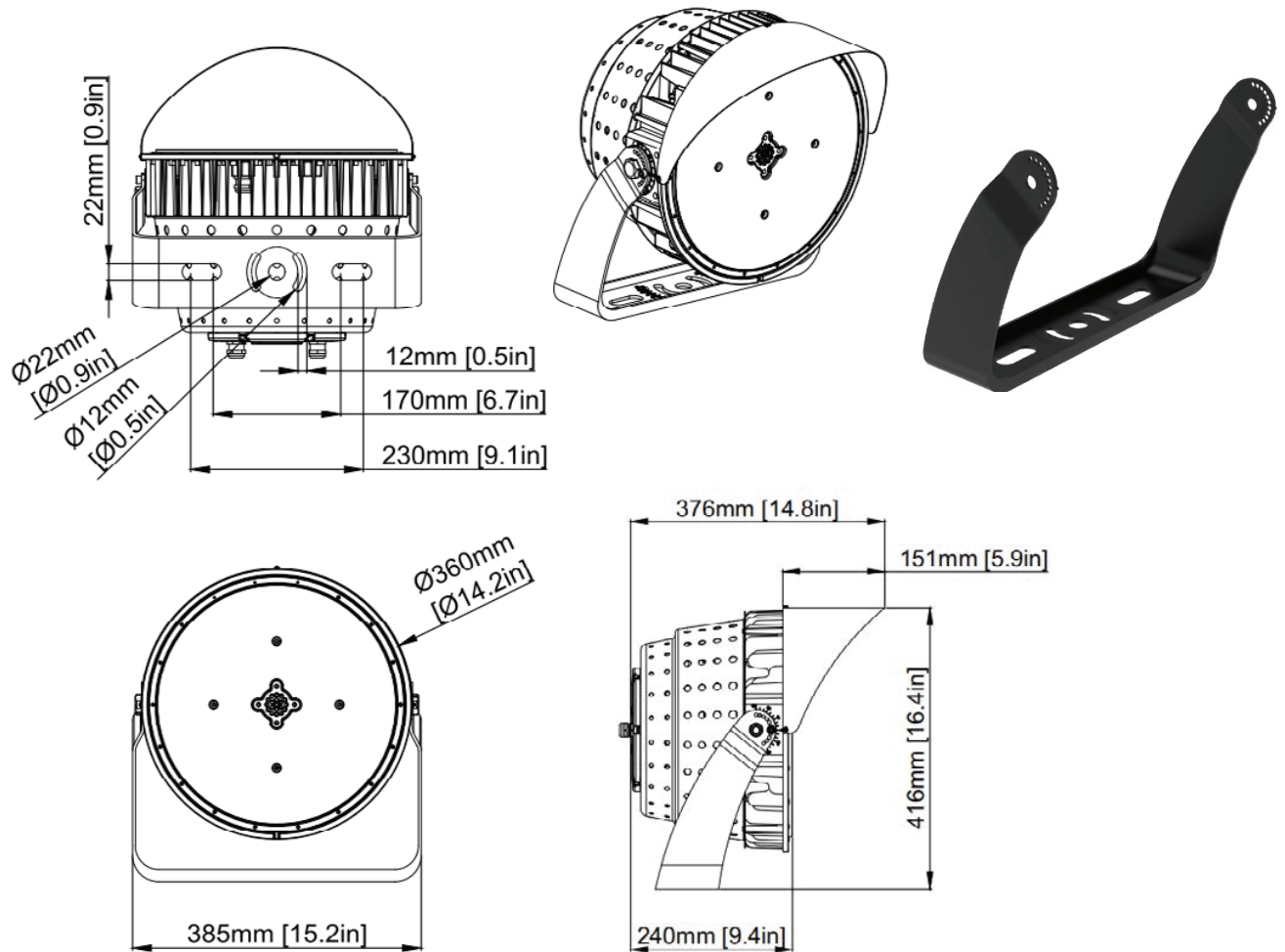
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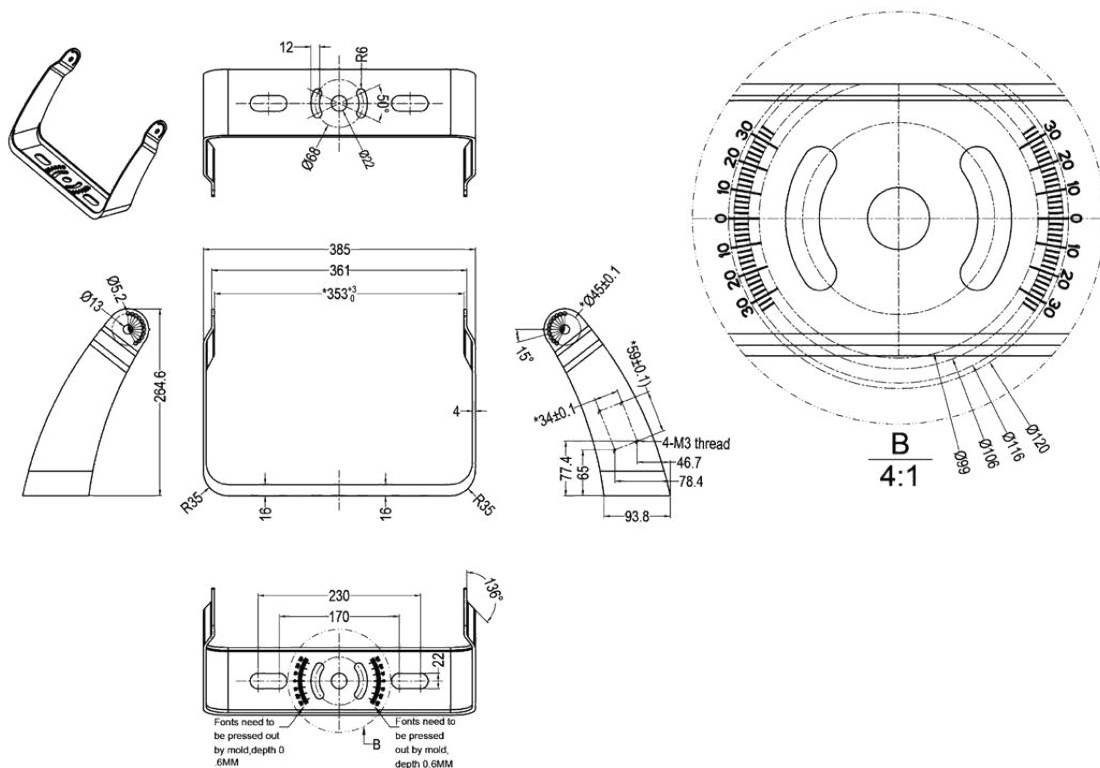
SPORTS FLOOD LIGHT - S.3 CONTENDER 3

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YOKE DIMENSIONS 300-500W



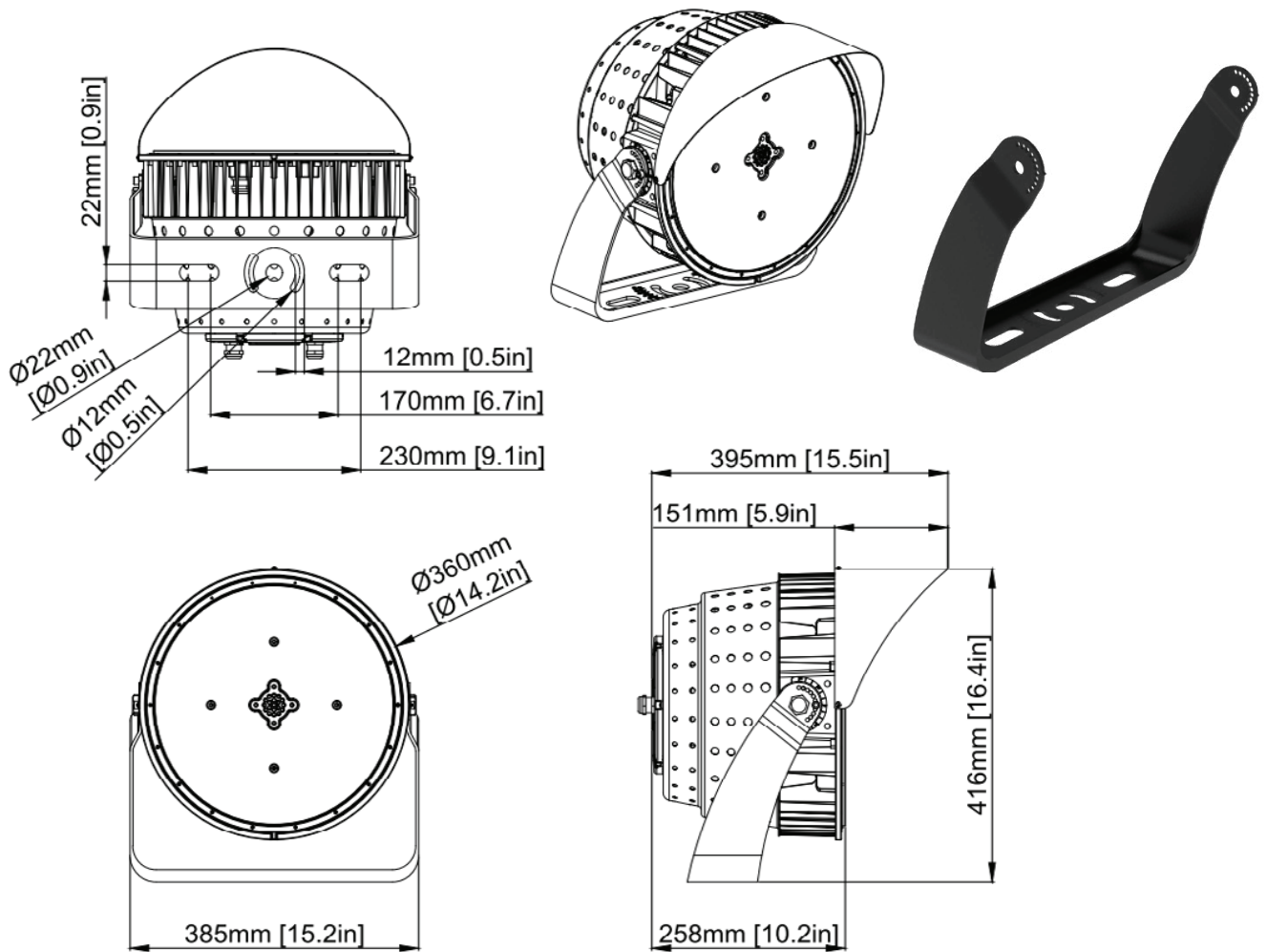
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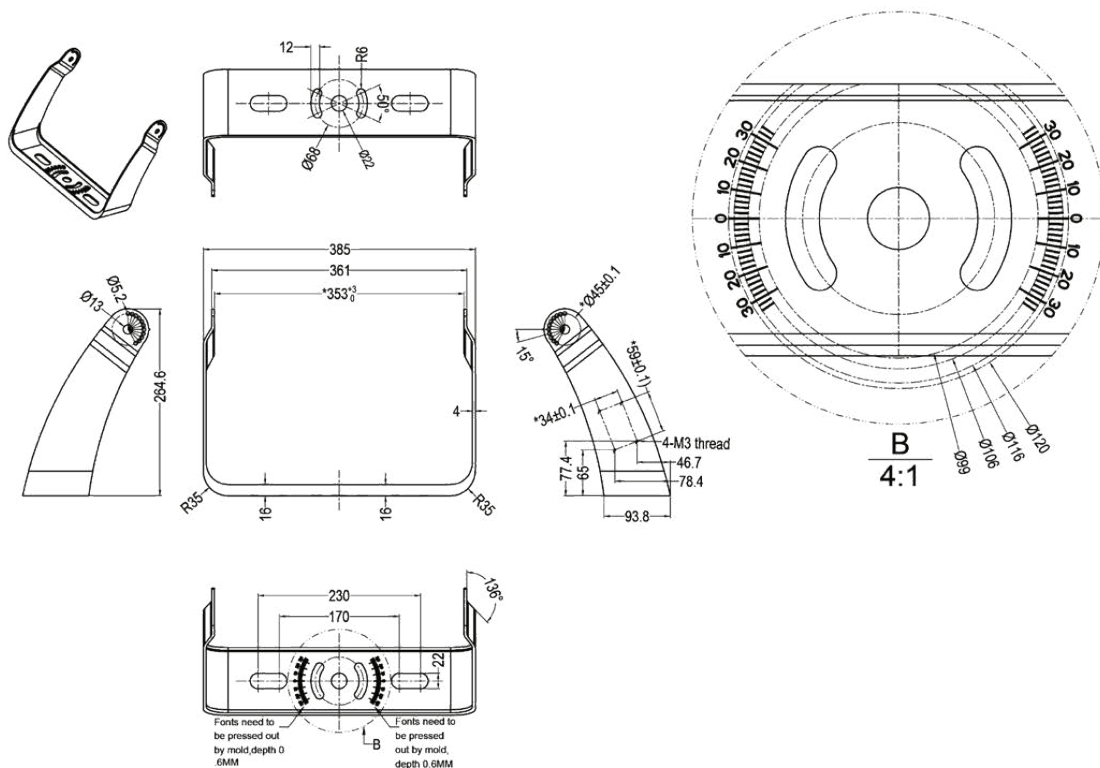
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YOKE DIMENSIONS 600W



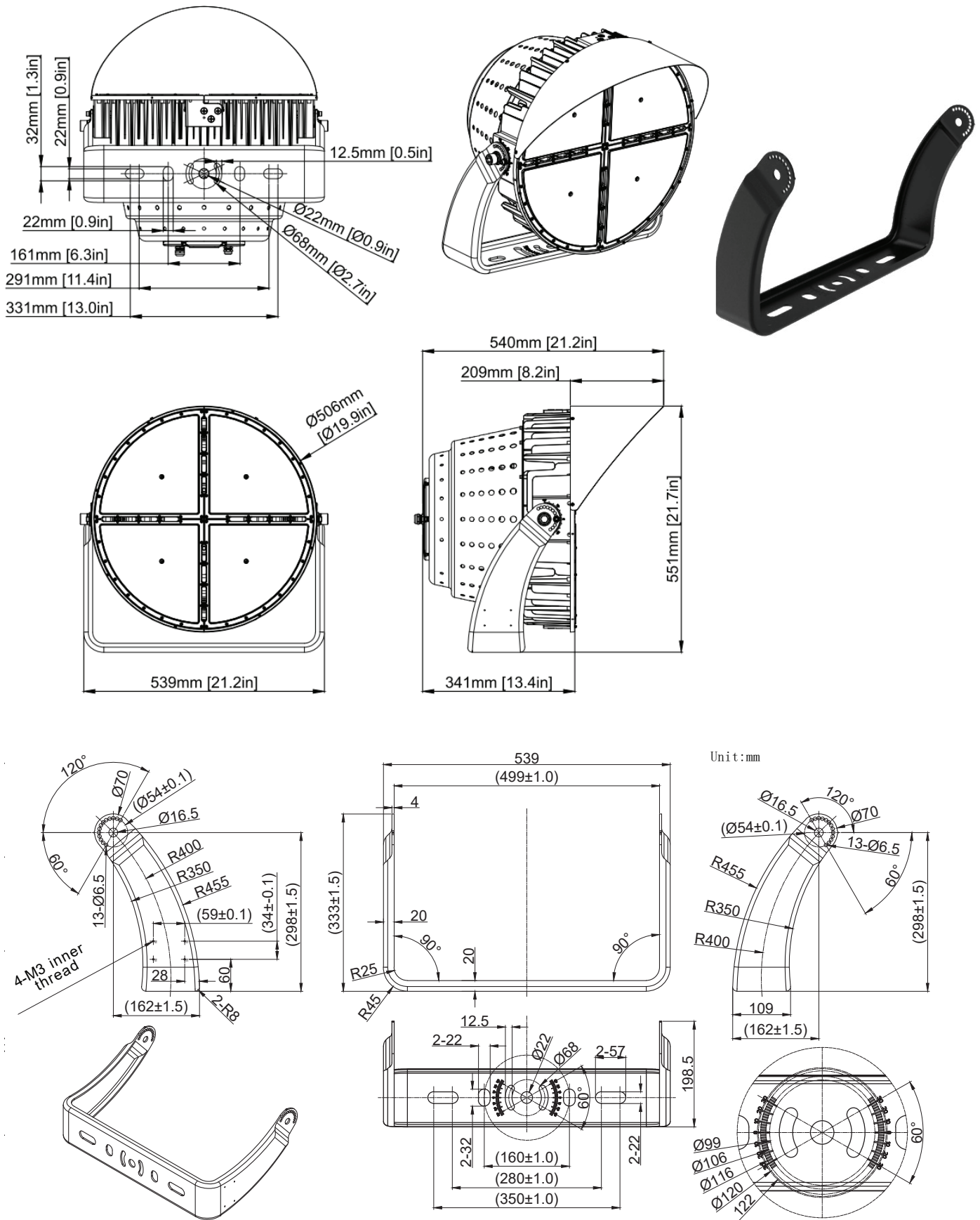
Unit: mm



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SFL-COT3

YOKE DIMENSIONS 720-1200W

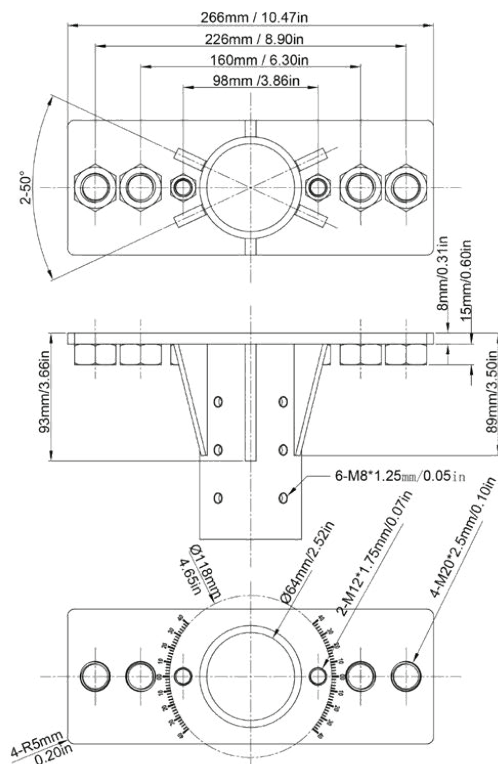
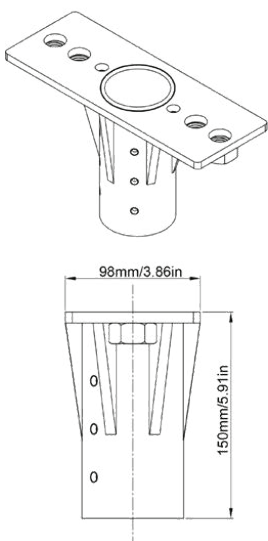
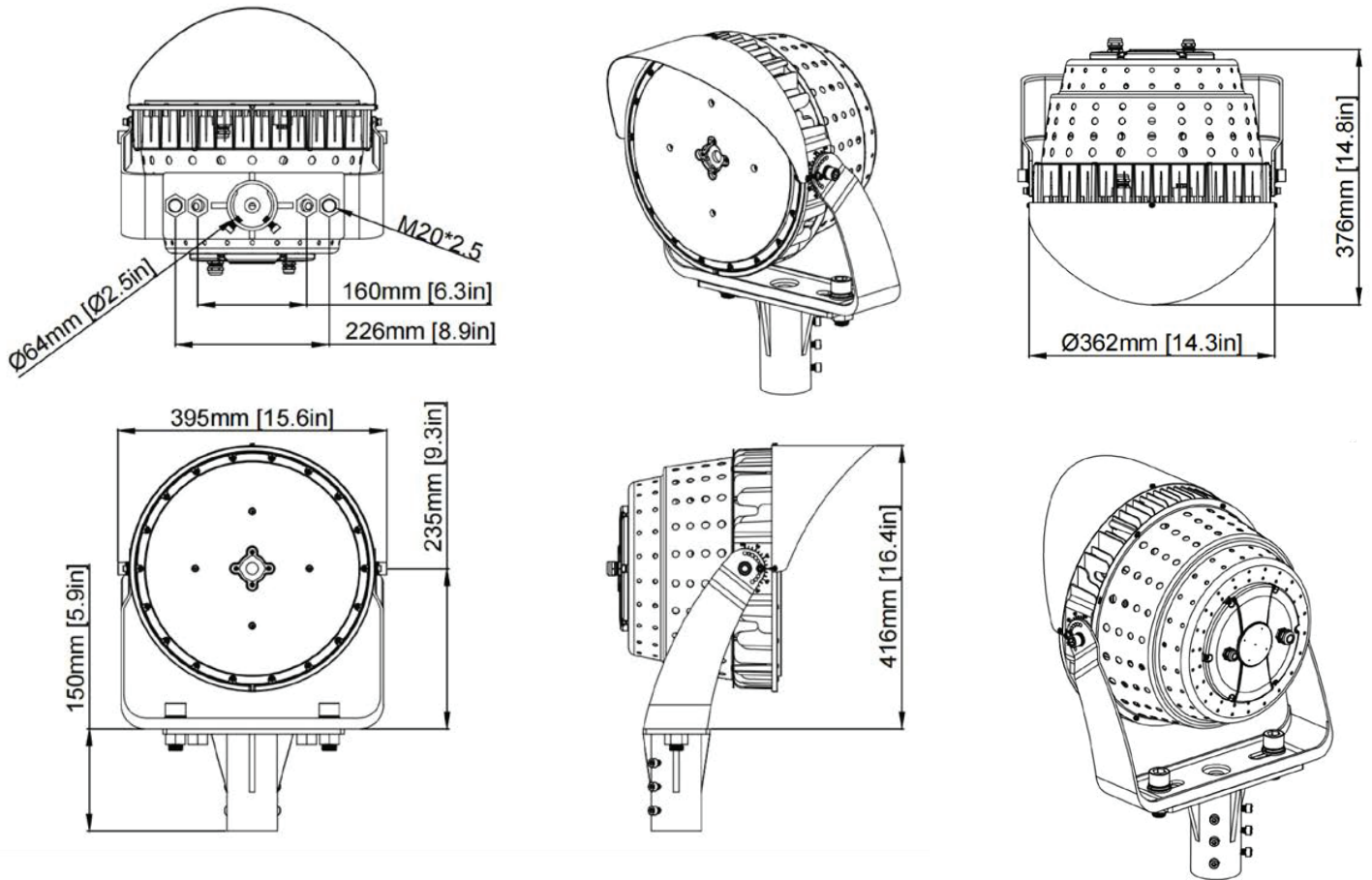


SPORTS FLOOD LIGHT - S.3 CONTENDER 3



SFL-COT3

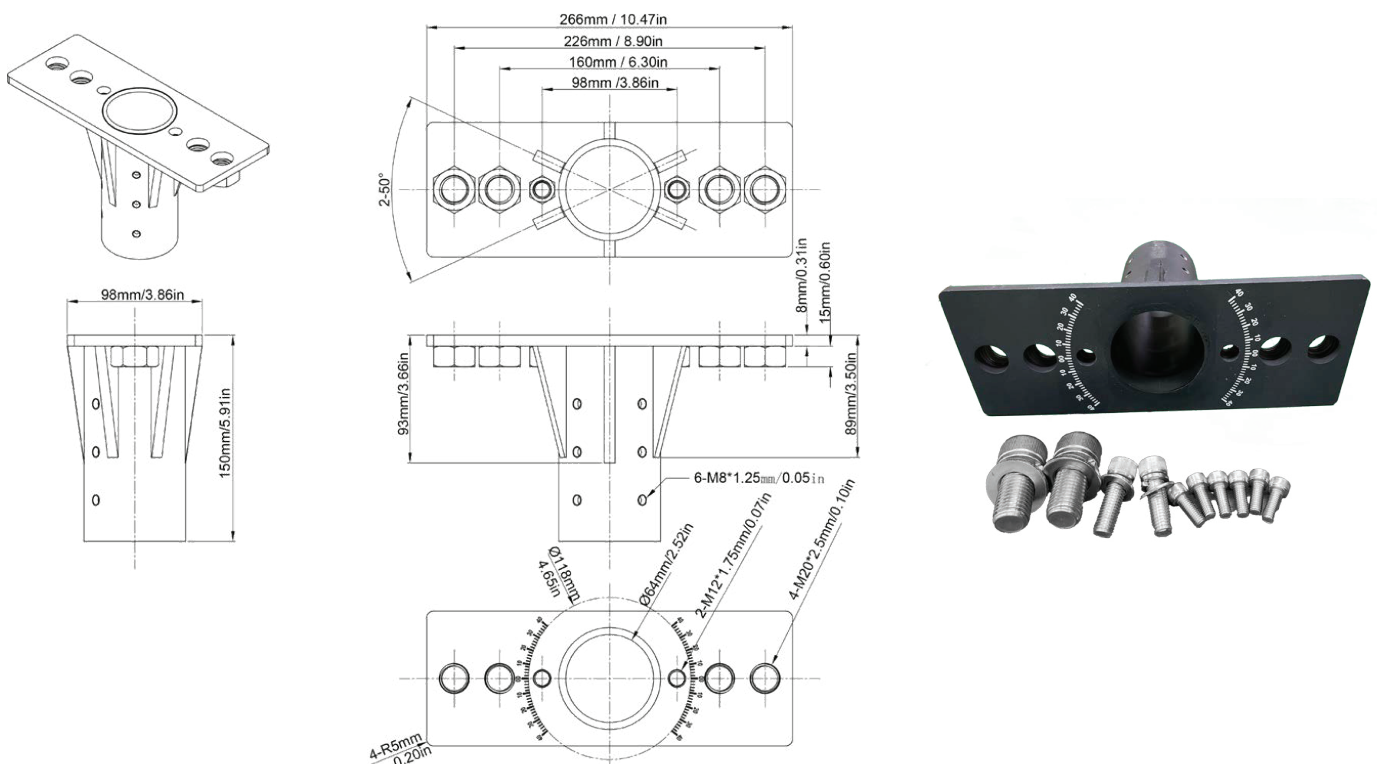
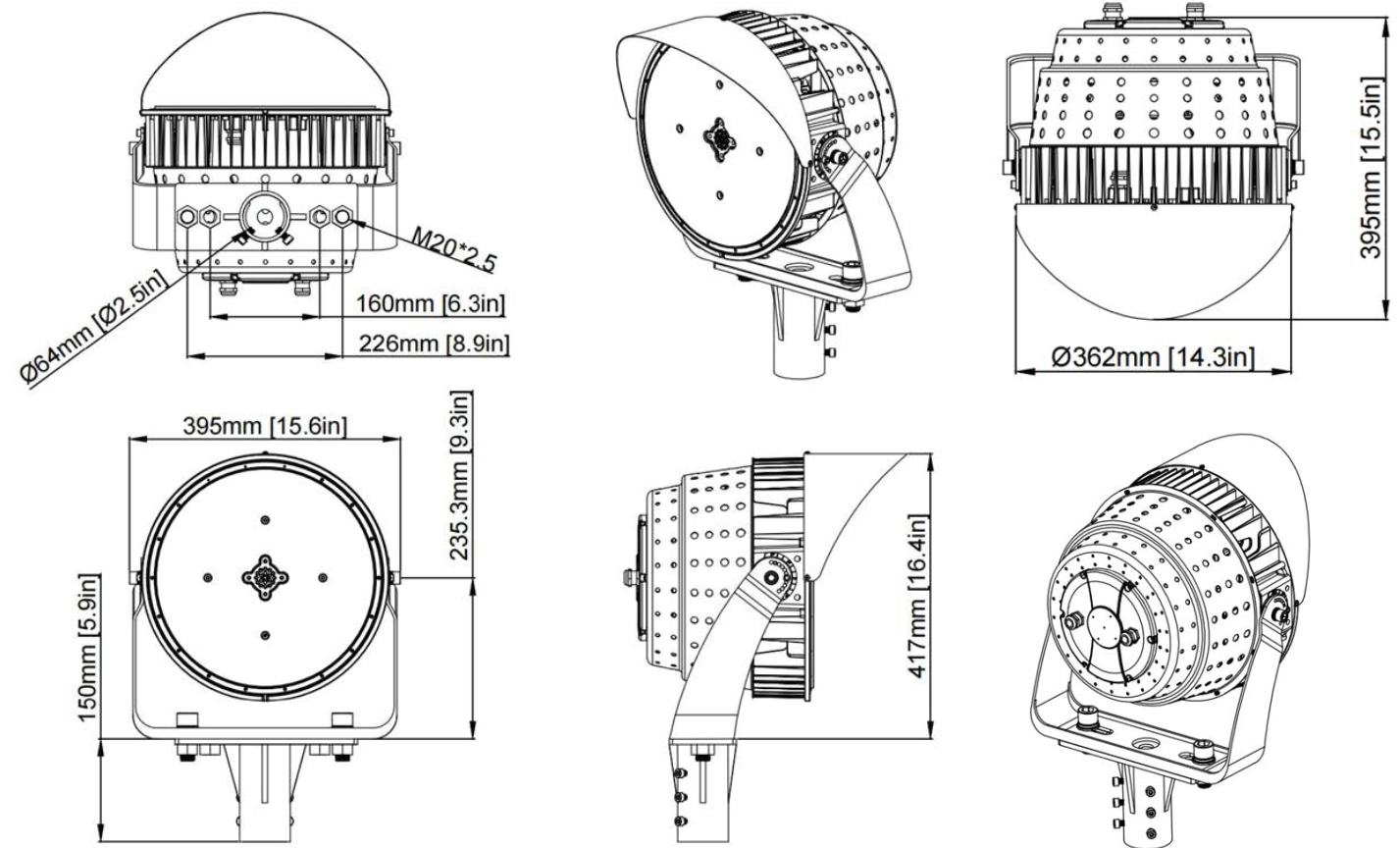
SLIP FITTER DIMENSIONS 400-500W



SPORTS FLOOD LIGHT - S.3 CONTENDER 3

SFL-COT3

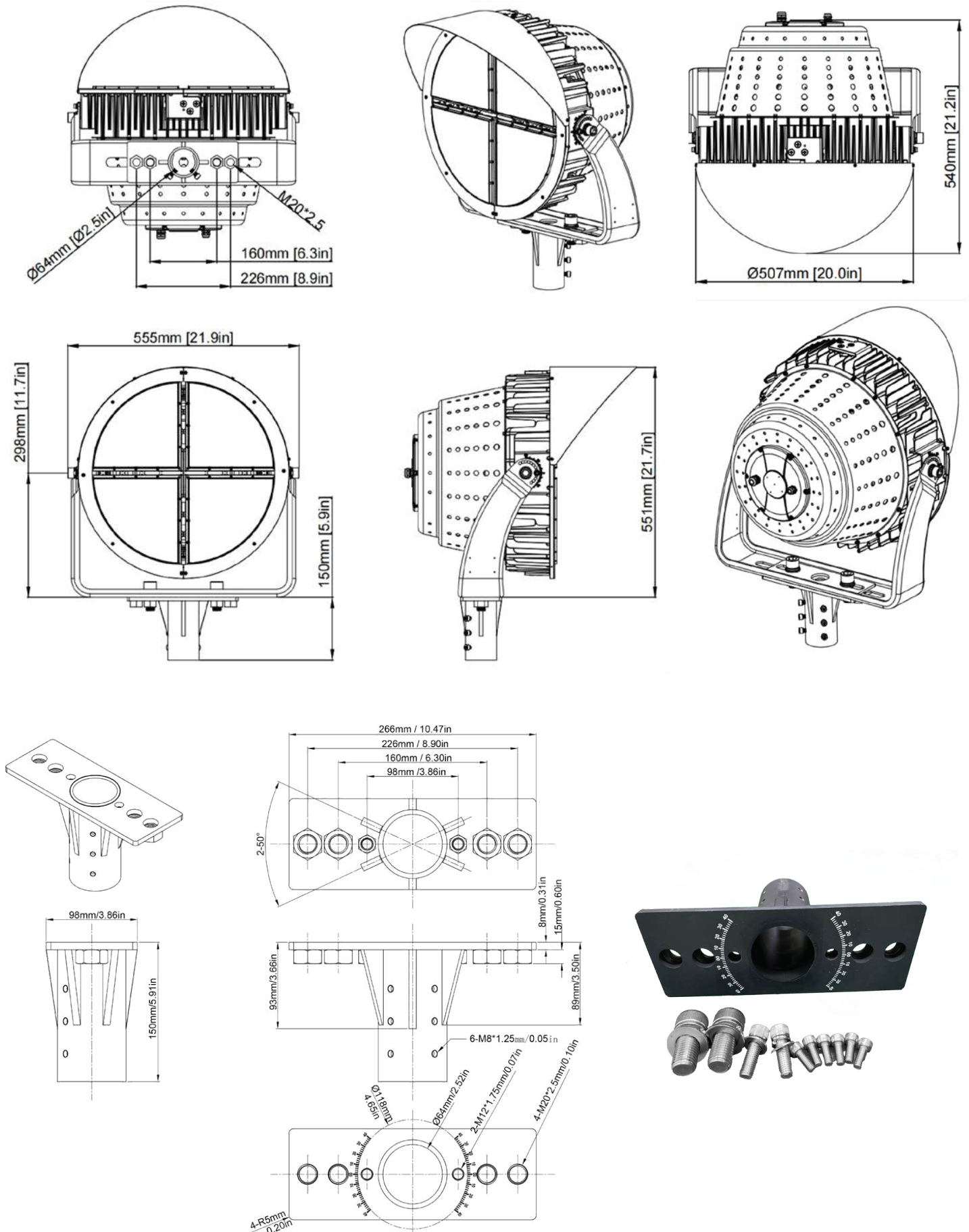
SLIP FITTER DIMENSIONS 600W



SPORTS FLOOD LIGHT - S.3 CONTENDER 3

SFL-COT3

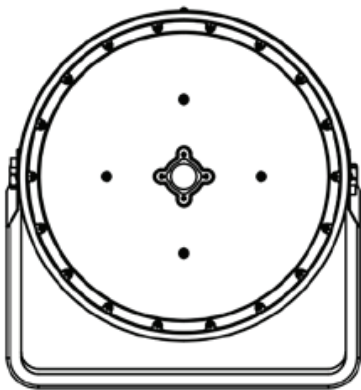
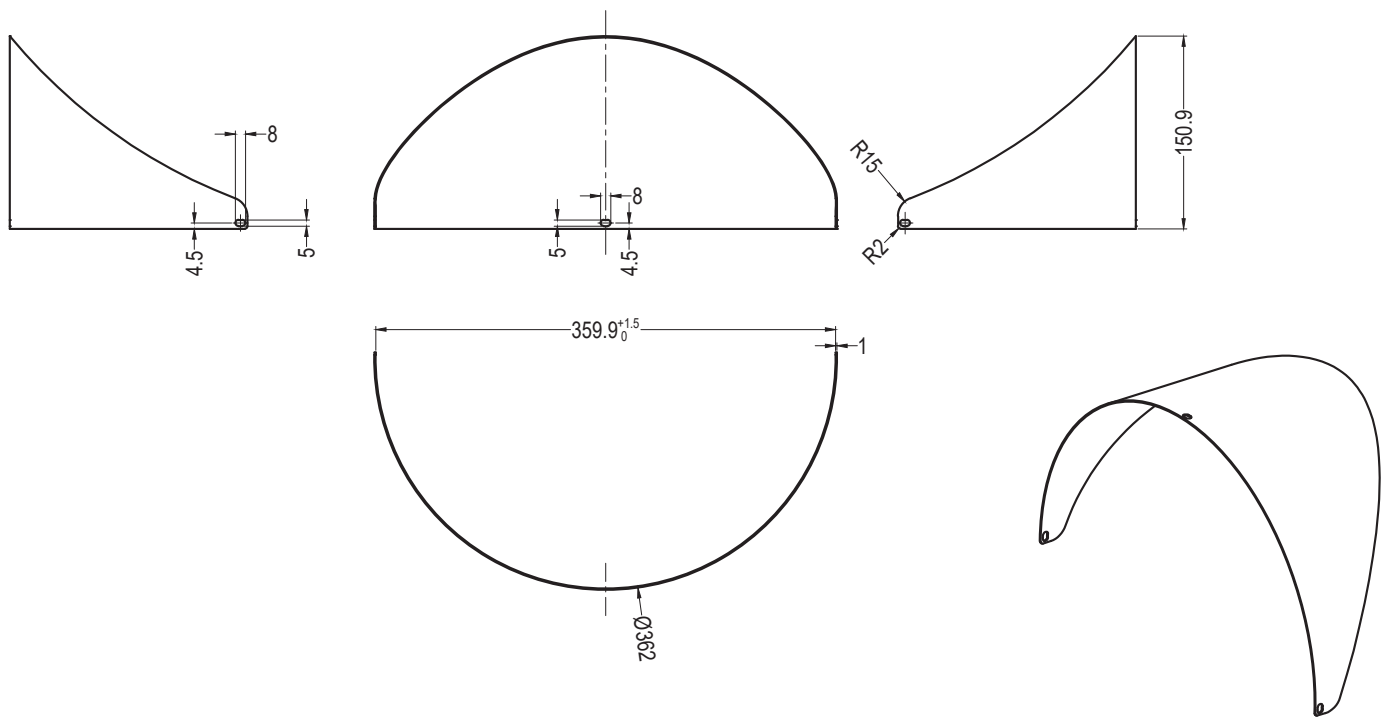
SLIP FITTER DIMENSIONS 720-1200W



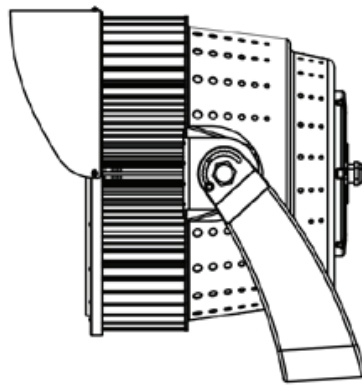
SPORTS FLOOD LIGHT - S.3 CONTENDER 3

SFL-COT3

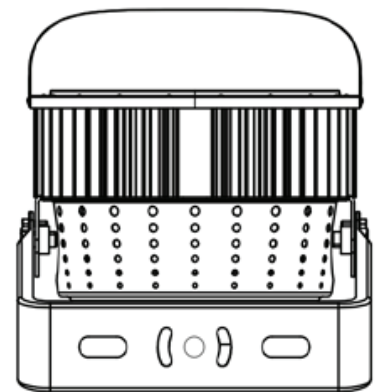
VISOR DIMENSIONS 400-600W



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



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

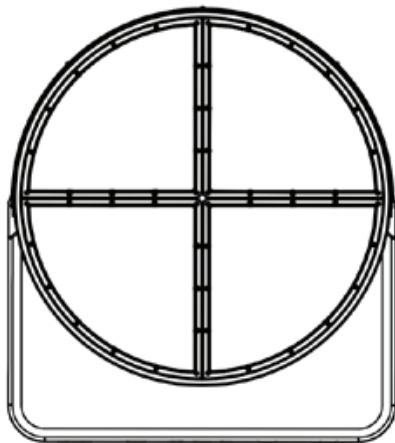
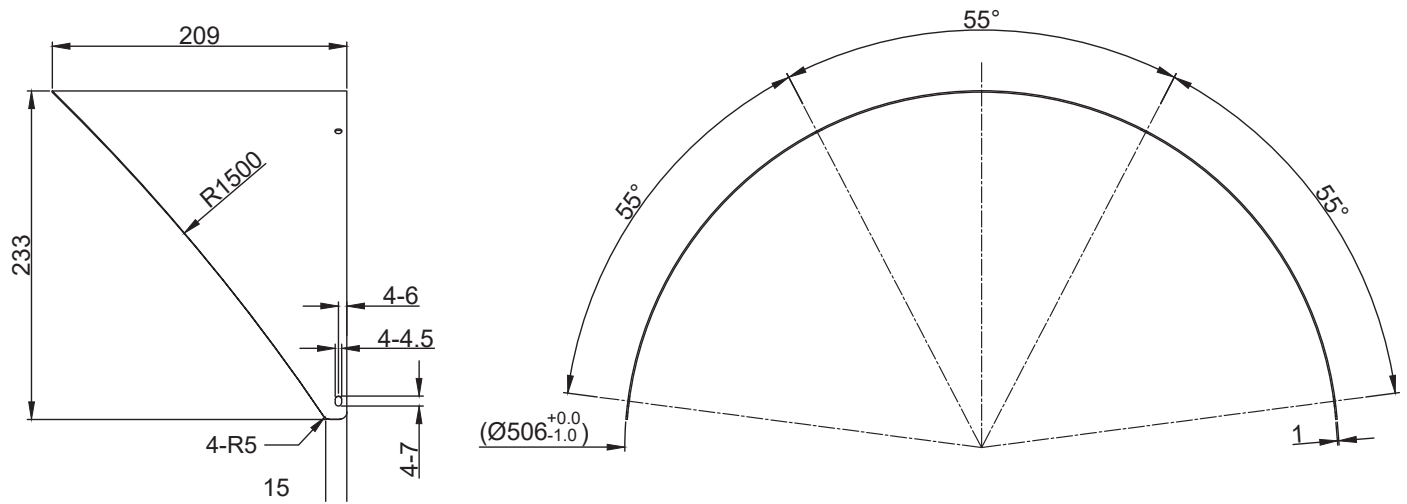


Side EPA: 0.146m^2 | 1.57ft^2

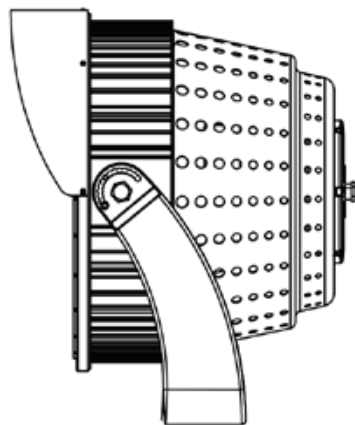
SPORTS FLOOD LIGHT - S.3 CONTENDER 3

SFL-COT3

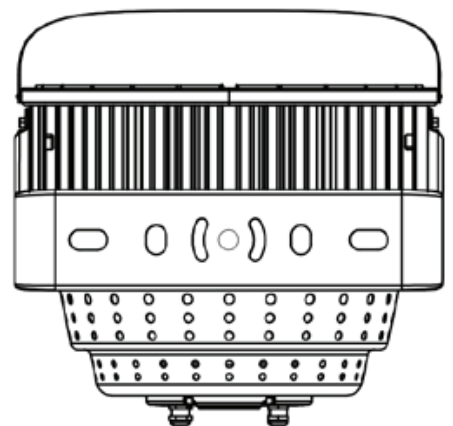
VISOR DIMENSIONS 720-1200W



Front EPA: 0.187m² | 2.01ft²



Side EPA: 0.160m² | 1.72ft²

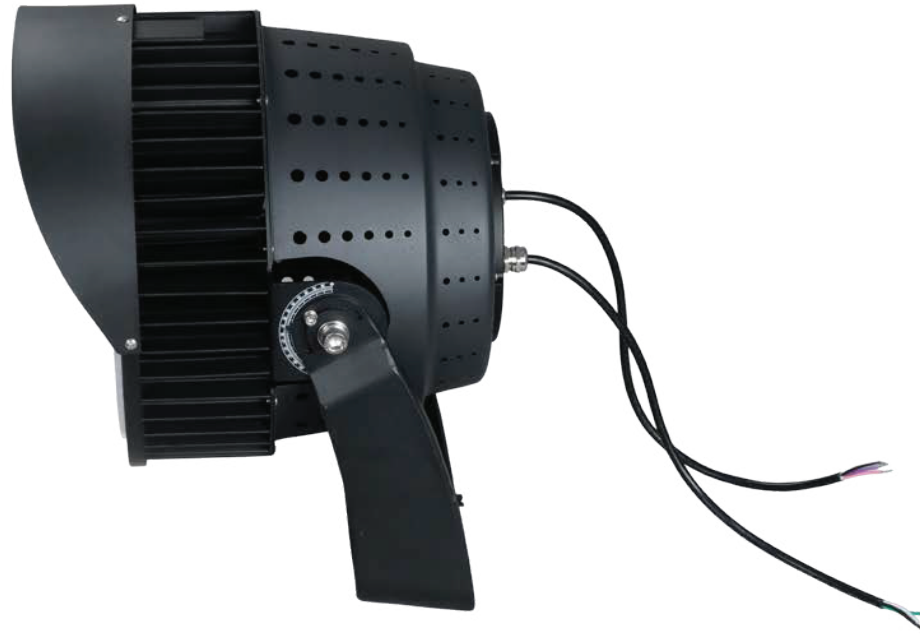


Side EPA: 0.183m² | 1.97ft²

SPORTS FLOOD LIGHT - S.3 CONTENDER 3

SFL-COT3

ARM TILT AIMING



Angle markings on arm for tilt aiming.

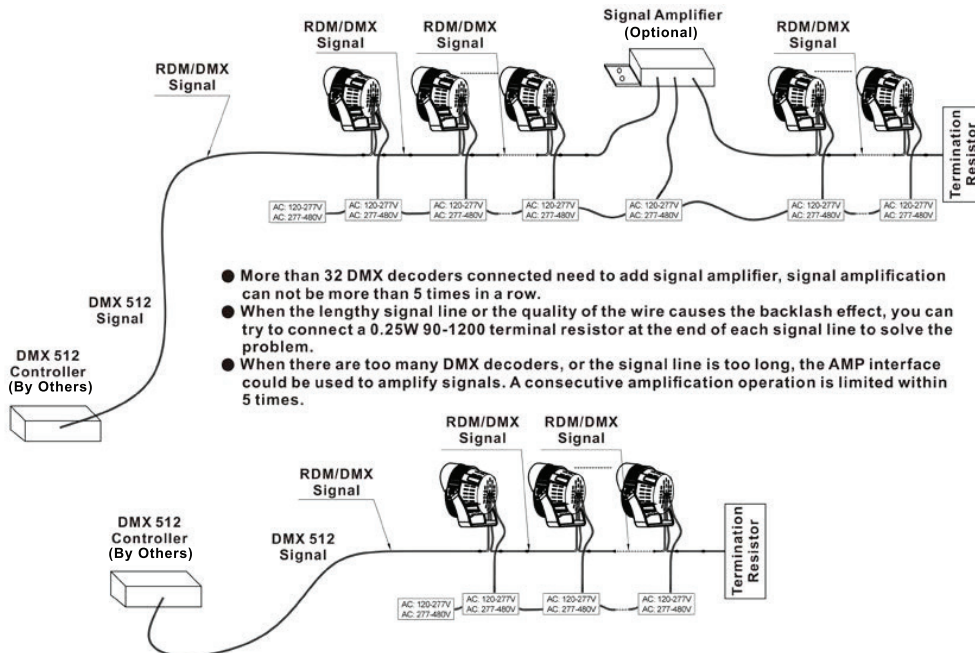
YOKE HORIZONTAL AIMING



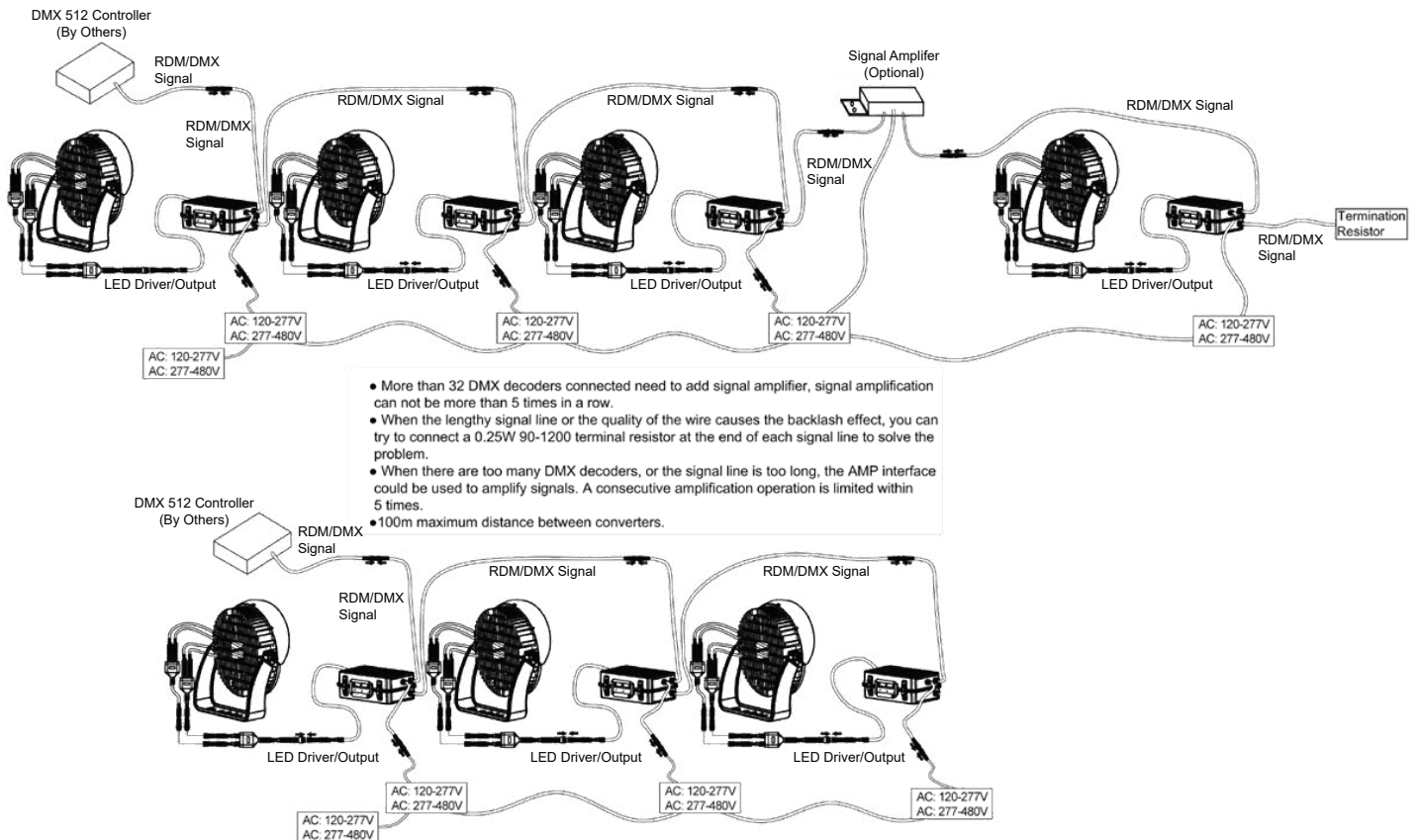
Angle markings on yoke for horizontal aiming.

CONTROL DETAIL

INTEGRAL DRIVER DMX CONTROL WIRING



REMOTE DRIVER DMX CONTROL WIRING

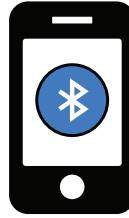


SPORTS FLOOD LIGHT - S.3 CONTENDER 3

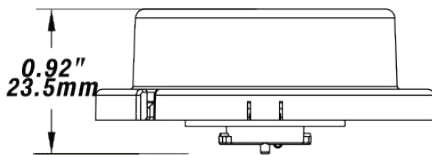
SFL-COT3

WIRELESS BLUETOOTH CONTROLS

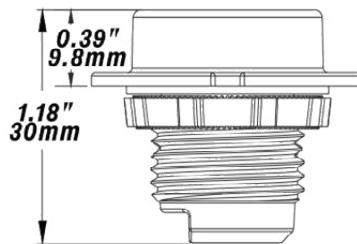
WIRELESS BLUETOOTH NODE



DIMENSIONS



Wireless Bluetooth Node
IP66 Rated



Wireless Bluetooth Node Complete with Socket
IP66 Rated

APP DOWNLOAD

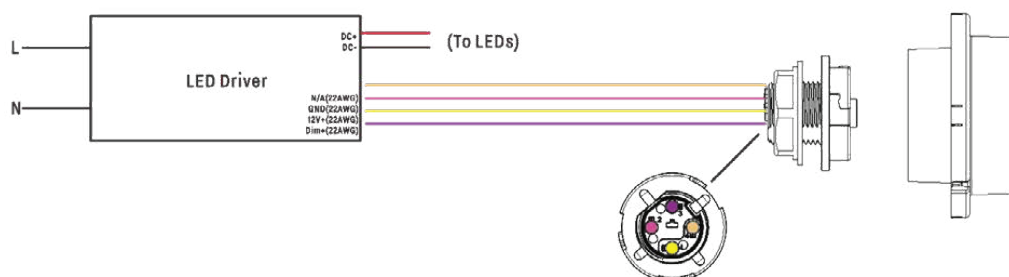
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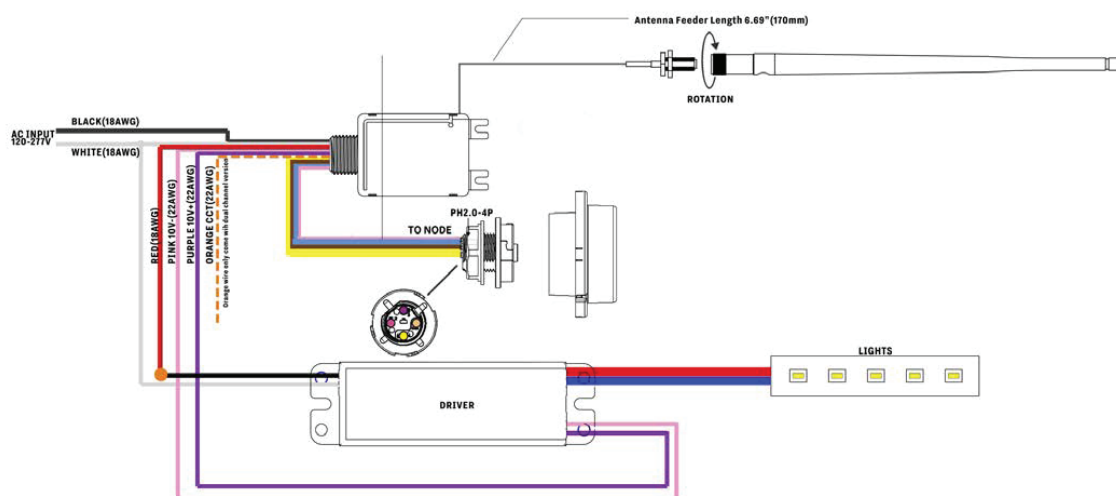
Due to our continued efforts to improve our products, specifications are subject to change without notice.

CONTROL OPTIONS

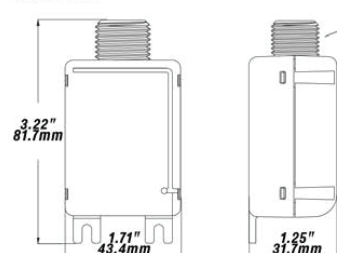
DIAGRAM



DIAGRAM



Unit:inch/mm



Size	T.P.I. - inch	Major Dia. - inch
R1/2	14	0.825

