

PROJECT:

SCHEDULE:

DATE:

PREPARE BY:

NOTES:

DESCRIPTION

naturaLED® Slim Area LightTennis is constructed with a durable, die-cast aluminum housing and excellent thermal design and is the perfect lighting solution for tennis courts and walkway. It provides uniform, consistent color with a wide range of wattage selections to replace up to 1500W HID fixtures. Our fixtures are DLC Premium certified and IP66 rated with four types of mounting options available: Pole Mount, Slip Fitter, and Yoke Mount. Compatible integrated autonomous and photocell motion sensors are available as options to address your needs. Energy savings can be as much as 85% while eliminating maintenance costs in labor, lamp, and ballast replacement.

APPLICATIONS

Tennis Courts, Walkways, Fields

FEATURES

- DLC Premium
- IP66 Rated
- IK08
- ETL Listed/ cETL Listed
- ColorTemp: 4000K
- Voltage: 120-277V
- Power Factor: >0.9
- Built-in Surge Protection: 10KV
- Beam Angle: Type IV, Tennis Court Type
- Dimmable: 0-10V
- CRI: >80
- Operating temperature: - 40°F~122°F
- Low Voltage Output for Sensors
- Contractor Friendly Mounting Options
- Aluminum Die-cast housing
- Finish: Epoxy Powder Coat
- Color: Black (RAL#9005)
- 5 Year Warranty
- Optional for Purchase: Mountings, Sensors, Photocell, Pole Brackets, Lens, Receptacles



Rated Life 50,000 Hours
Warranty 5 Years

ACCESSORIES

	Pole Mount Arm		Shorting Cap
	Slip Fitter		Photocell
	Yoke Mount		Lens
	Receptacle		Pole Brackets
	Sensors		Arms - 5' Pole Top
	Surge Protection		Mount Adapters

SAMPLE NUMBER FXSCL150SW/840/BK/TT

FAMILY	SERIES	WATTAGE	CRI/COLOR TEMP	COLOR	LENS
FX Fixture	SCL Sports Court Lighting	150SW <150 Selectable Wattages	840 CRI80 4000K	BK Black	TT Tennis Court Type (T4) Type 4



ORDERING

*P= Premium DLC / *S = Standard DLC

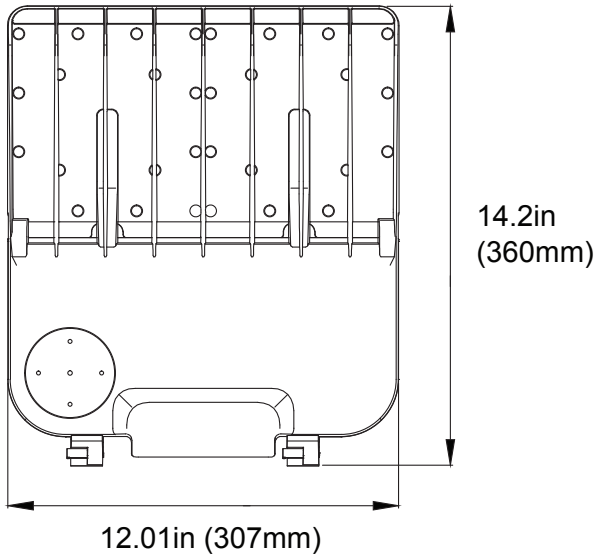
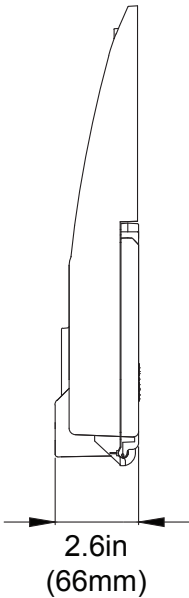
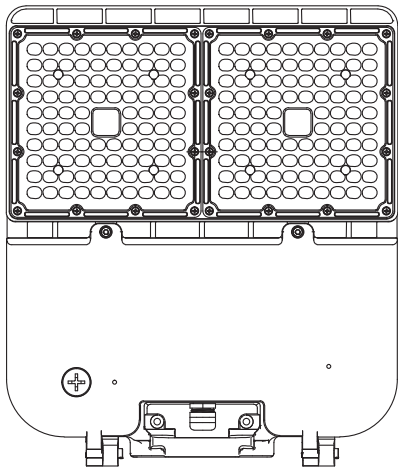
Watts (W)	Ordering Code	Description	CCT (K)	Lumens (Lm)	Equiv. Wattage (W)	Beam Angle	IP66 Rated	DLC (S/P)
90 120 150	5200	FXSCL150SW/840/BK/TT	4000K	12,649	250-400W	Tennis	●	P
				16,800				
				21,118				
180 240 320	5201	FXSCL320SW/840/BK/TT	4000K	25,200	400-1000W	Tennis	●	P
				33,600				
				44,800				
240 320 400	5202	FXSCL400SW/840/BK/TT	4000K	36,000	1000-1500W	Tennis	●	P
				48,000				
				60,000				
400 500 600	5203	FXSCL600SW/840/BK/TT	4000K	60,000	1000-1500W	Tennis	●	P
				75,000				
				89,834				
420	9593	FXSAL400/840/BK/TT	4000K	63,749	1000-1500W	Nema3x3	●	P
420	9594	FXSAL400/840/BK/T4	4000K	63,879	1000-1500W	Nema3x3	●	P

ACCESSORIES (Ordered Separately)

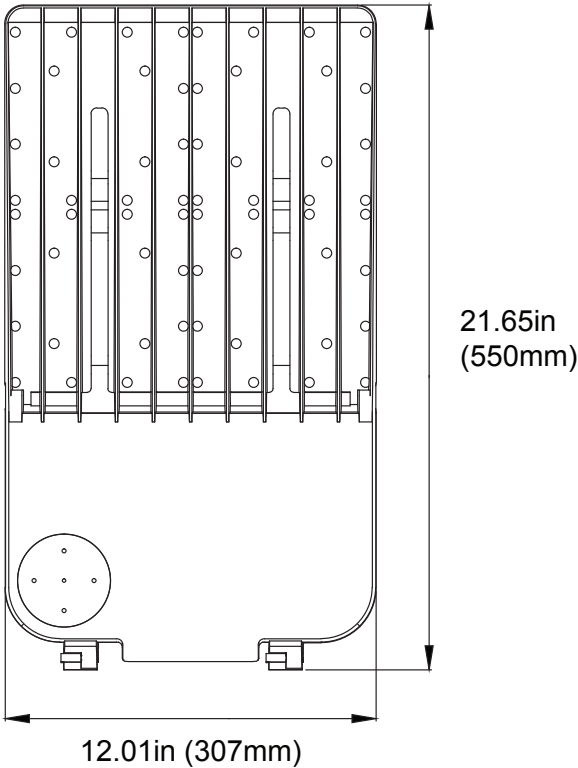
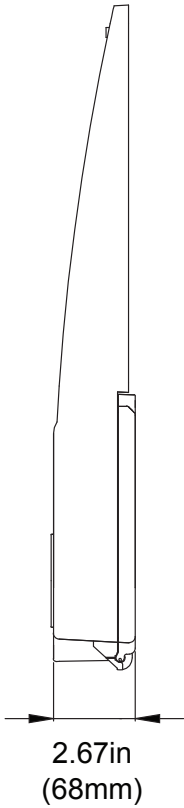
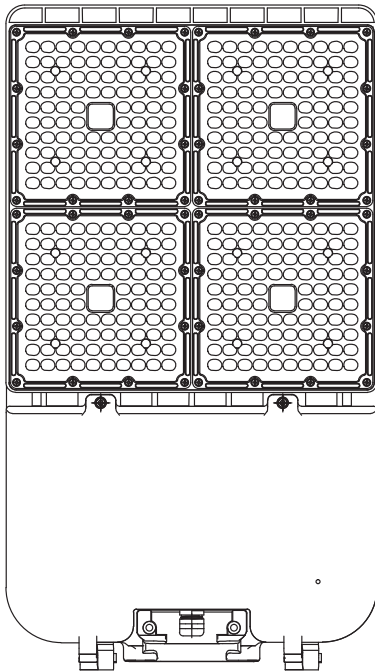
	6" Pole Mount Arm P10468 MT-AL/PM6/BK (6" Pole Mount Arm-Black)		Mount - Single Davit Arm for 3.5" Pole Top P10510 MT-3.5RTDAV4/38in/BK (Mount - 4" Diameter Single Davit Arm (38") for 3.5" Pole Top)
	Slip Fitter P10470 MT-AL/SF/BK (Slip Fitter Mount-Black)		Mount - Twin Davit Arm for 4" Pole Top P10511 MT-4RTDAV3.5-2180/BK (Mount - Twin 4" Diameter Davit Arm Adaptor for 4" Pole Top)
	Yoke Mount P10472 MT-SAL/YK16/BK (16" Yoke Mount-Black)		Mount - Quad Davit Arm for 4" Pole Top P10512 MT-4RTDAV3.5-490/BK (Mount - Quad 4"Diameter Davit Arm Adaptor for 4" Pole Top)
	Rectangle Slip Fitter P10506 MT-AL/RSF/1.5x3.5/BK (Rectangle Slip Fitter 1.5"x3.5" for CAS and CAD-Black)		Shorting Cap P10053 SEN-PHO-LK-MT-SRT (Twist Lock Photocell Shorting Cap 120-480V 3 Prong)
	Double Arm 3' - 70° P10559 MT-TAD70/5RT-3ft/BK (3' 70° Double Arms for Court Lighting. Fit to 5" Round Pole Top-Black)		Photocell K141030 REC3PLK/PHO (Twist Lock Photocell & Receptacle 120-277V 3 Prong)
	Double Arm 3' - 90° P10560 MT-TAD90/5RT-3ft/BK (3' 90° Double Arms for Court Lighting. Fit to 5" Round Pole Top-Black)		Type Tennis Lens P10450 LENS-SAL-L-TT (Type Tennis Lens for SAL400V (4 per fixture))
	Quad Arm 3' - 90° P10562 MT-TAQ90/5RT-3ft/BK (3' 90° Quad Arms for Court Lighting. Fit to 5" Round Pole Top-Black)		Type 4 Lens P10451 LENS-SAL-L-T4 (Type 4 Lens for SAL400V (4 per fixture))
	Single Arm 5' P10526 MT-TAS/5RT-5ft/BK (5' Single Arm for Court Lighting. Fit to 5" Round Pole Top- Black)		Twist Lock Receptacle P10141 REC3PLK (Twist Lock Photocell & Receptacle Mount 120-480V 3 Prong)
	Double Arm 5' - 70° P10527 MT-TAD70/5RT-5ft/BK (5' 70° Double Arms for Court Lighting. Fit to 5" Round Pole Top-Black)		P10142 REC7PLK (Twist Lock Photocell & Receptacle Mount 120-480V 7 Prong)
	Double Arm 5' - 90° P10528 MT-TAD90/5RT-5ft/BK (5' 90° Double Arms for Court Lighting. Fit to 5" Round Pole Top-Black)		Motion Sensors P10371 SEN-BRI619 (PIR Motion/Photocell 0-10V Bi-Level Control IP66 12-24V IR Sensor)
	Double Arm 5' - 180° P10529 MT-TAD180/5RT-5ft/BK (5' 180° Double Arms for Court Lighting. Fit to 5" Round Pole Top-Black)		P10316 SEN-BRI-RC100 (Remote Programmer for P10371)
	Quad Arm 5' - 90° P10530 MT-TAQ90/5RT-5ft/BK (5' 90° Quad Arms for Court Lighting. Fit to 5" Round Pole Top-Black)		Surge Protection P10389 SPD-L-10KV-277 (Surge Protection 10KV 120-277V)
	Slip Fitter Adapter Single Davit Arm P10509 MT-4SFA/BK (Mount - Area Light Slip Fitter Adaptor for 4" Diameter Single Davit Arm)		P10390 SPD-L-20KV-277 (Surge Protection 20KV 120-277V)
			P10391 SPD-L-20KV-480 (Surge Protection 20KV 347-480V)

DIMENSIONS

150W
8.00-lbs

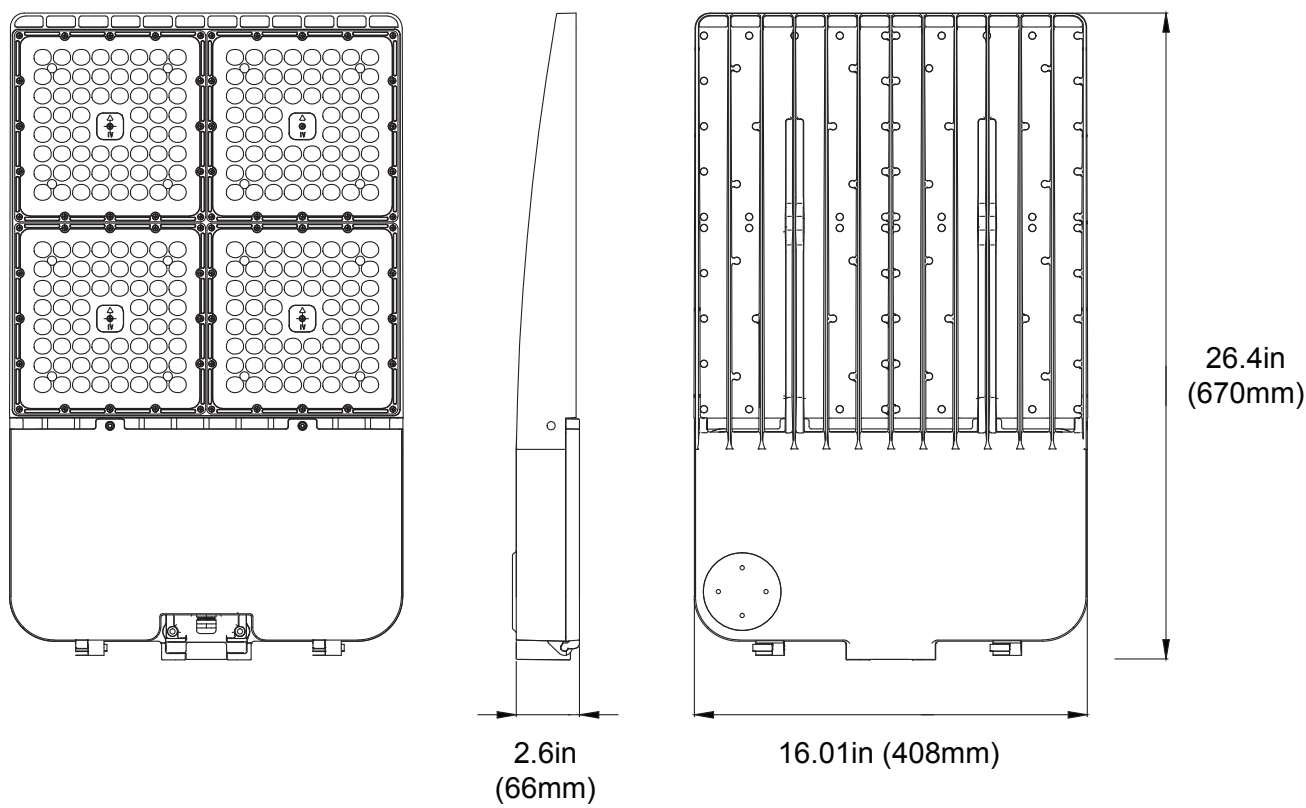


320W
15.50-lbs



DIMENSIONS

400W
22.00-lbs



EPA RATING

150 Watt

	Config.	EPA (ft²)
	1	0.212
	2 @ 90°	0.723
	2 @ 120°	0.625
	2 @ 180°	0.573

	Config.	EPA (ft²)
	3 @ 90°	0.74
	3 @ 120°	0.82
	4 @ 90°	1.25

320 Watt

	Config.	EPA (ft²)
	1	0.25
	2 @ 90°	0.85
	2 @ 120°	0.88
	2 @ 180°	0.60

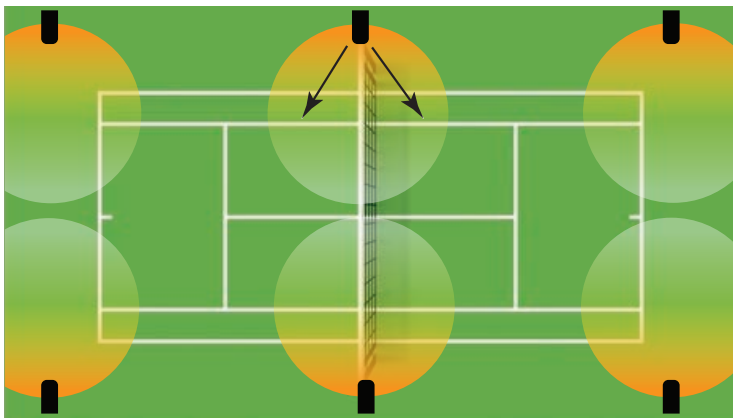
	Config.	EPA (ft²)
	3 @ 90°	0.87
	3 @ 120°	1.14
	4 @ 90°	1.63

400 Watt

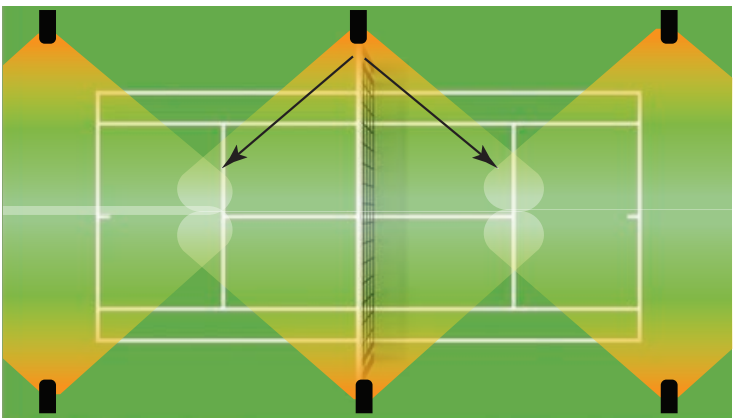
	Config.	EPA (ft²)
	1	0.326
	2 @ 90°	1.01
	2 @ 120°	1.05
	2 @ 180°	0.70

	Config.	EPA (ft²)
	3 @ 90°	1.04
	3 @ 120°	1.34
	4 @ 90°	2.00

Regular SAL **SAL TYPES**

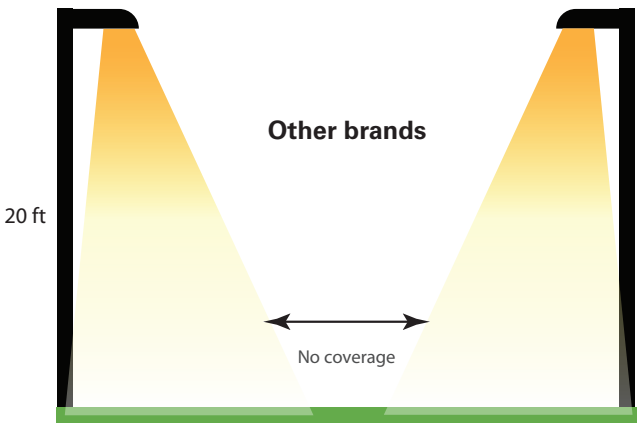


Sports Court SAL **SAL TYPES**

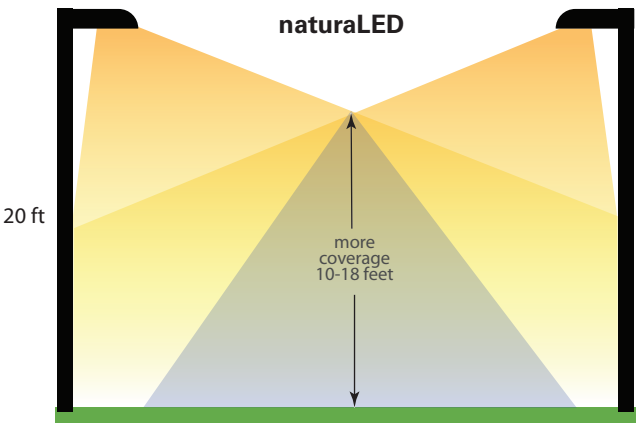


SAL Sports Court offers wider beam spread designed for tennis courts and fields application.

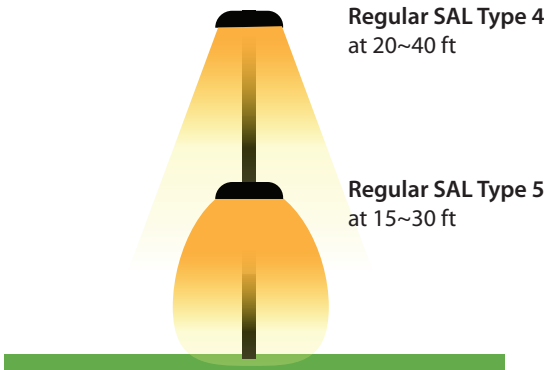
Regular SAL **LUMENAIRE COVERAGE**



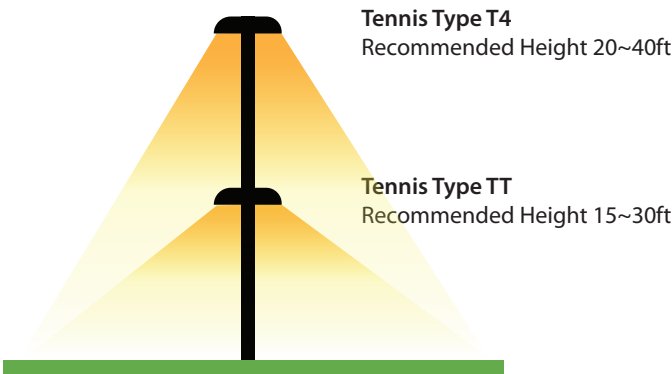
Sports Court SAL **LUMENAIRE COVERAGE**



Regular SAL **LENS TYPE**



Sports Court SAL **LENS TYPE**



LIGHTING DISTRIBUTION

Tennis Type 4 recommended install height at 20~40 ft

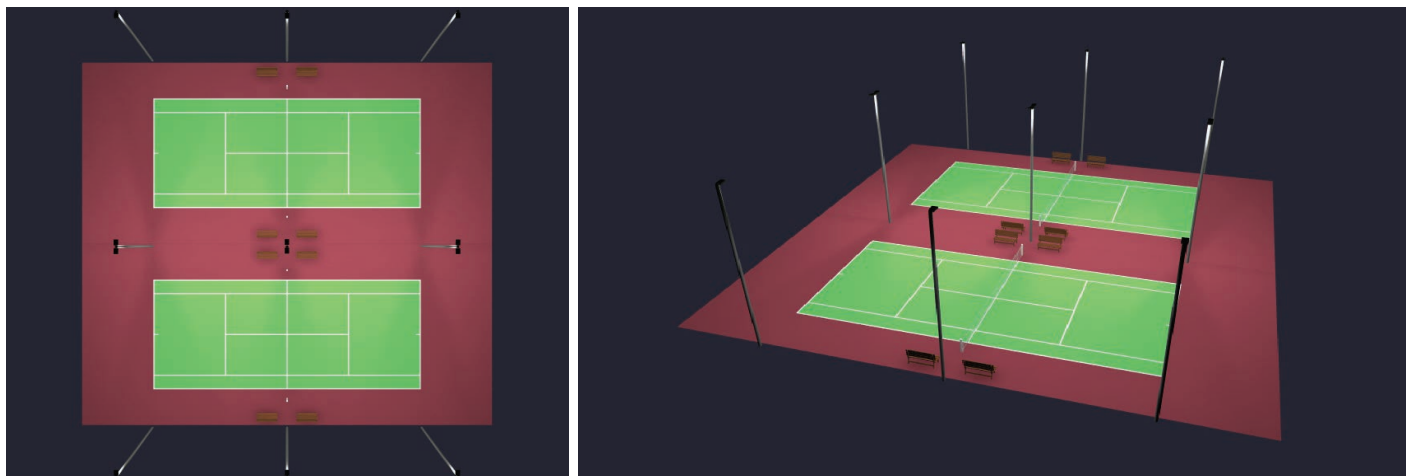


Image shown as : Tennis Type T4 / Height: 40 ft

Tennis Type TT recommended install height at 15~25 ft

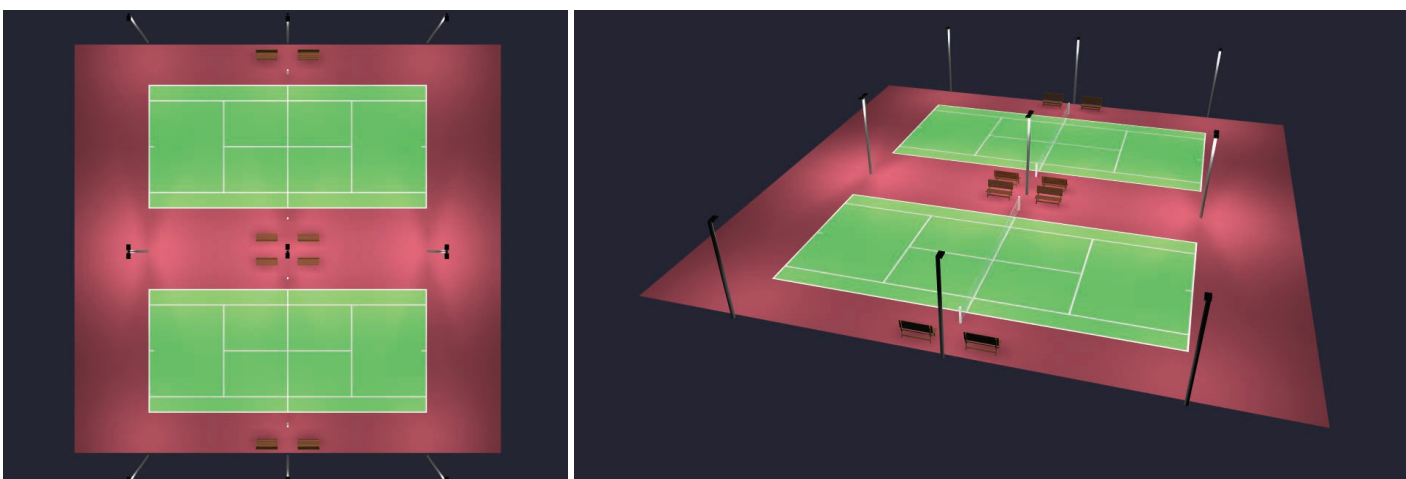
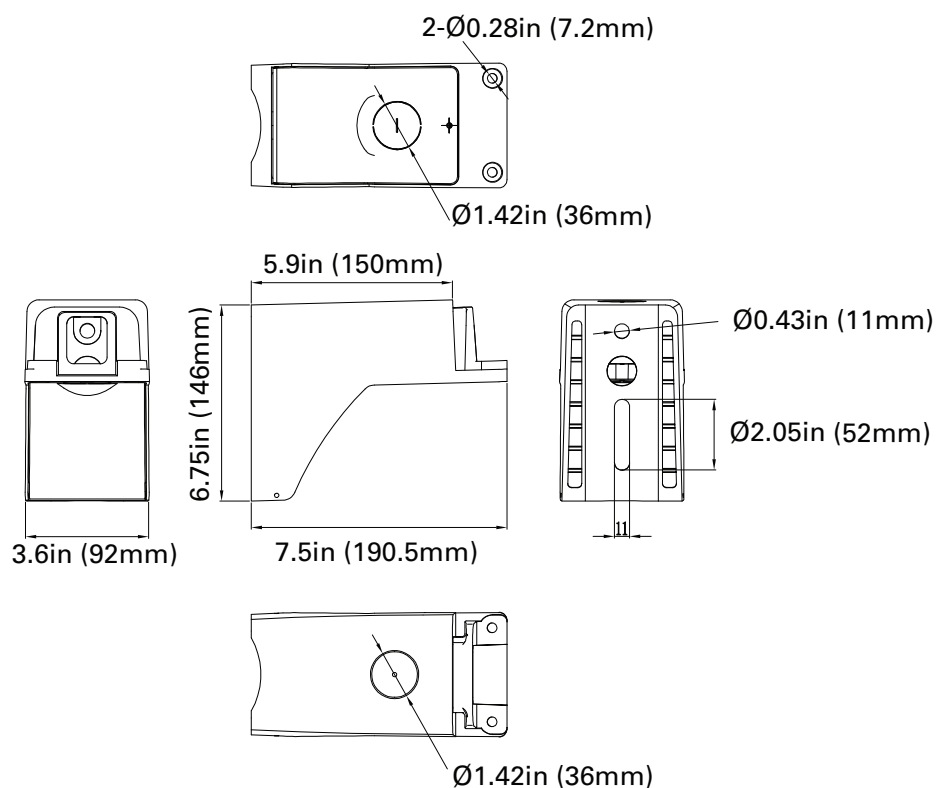


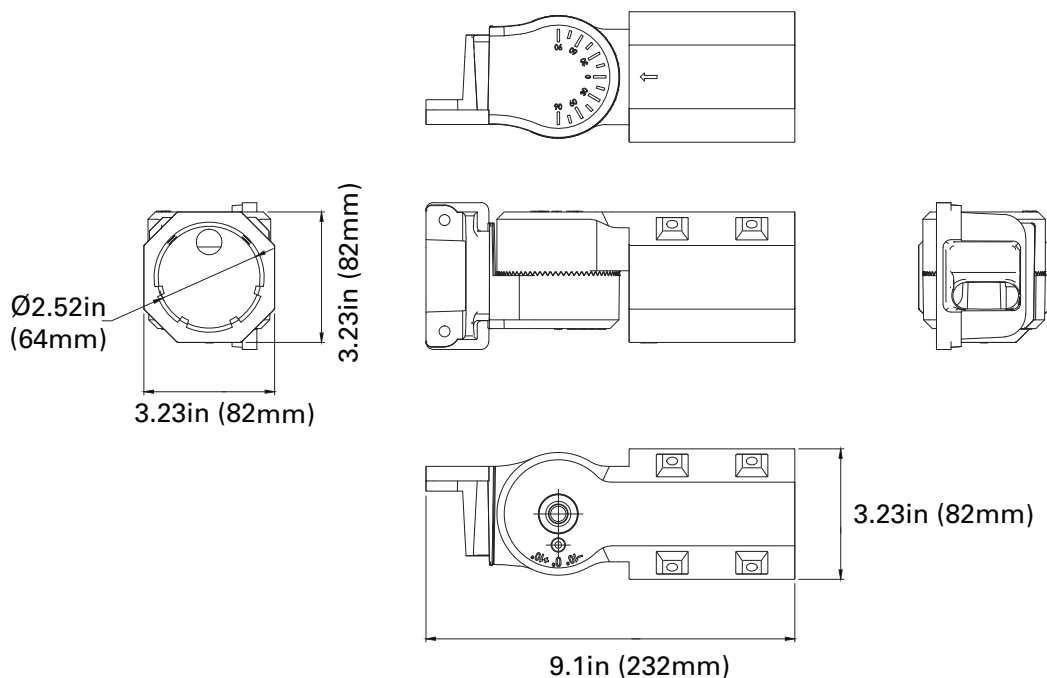
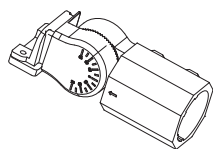
Image shown as : Tennis Type TT / Height: 20 ft

MOUNTINGS (Ordered Separately)**Pole Mount 6"**

P10468 MT-AL/PM6/BK

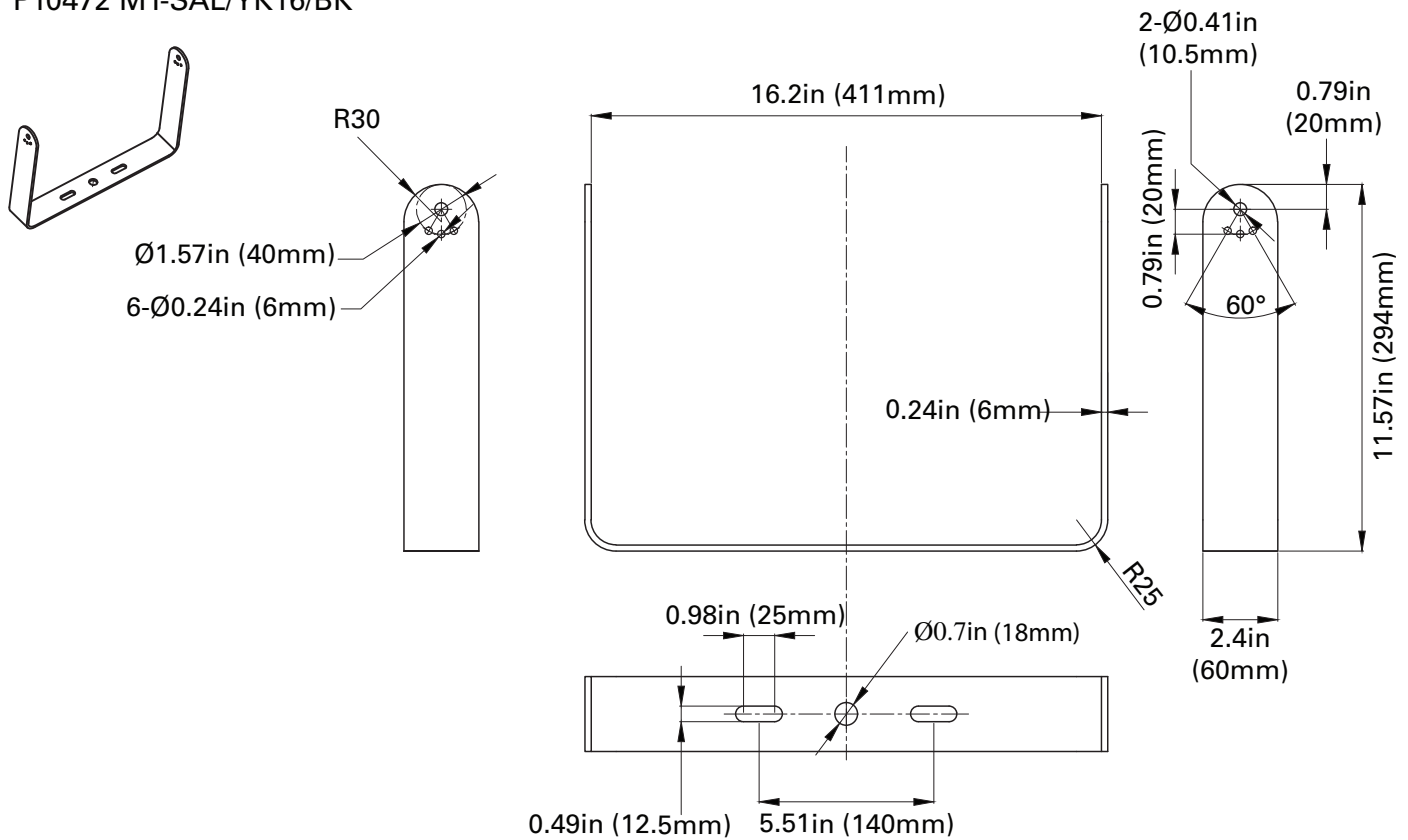
**Slip Fitter**

P10470 MT-AL/SF/BK

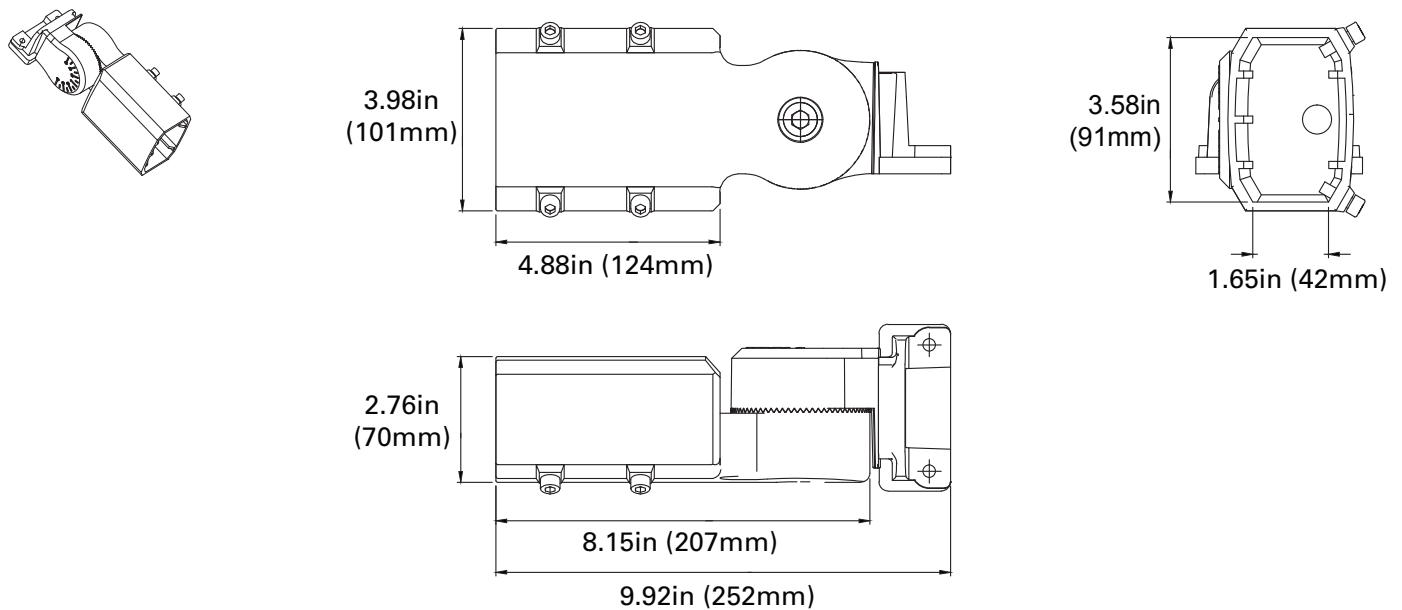


MOUNTINGS (Ordered Separately)**Yoke Mount 16"**

P10472 MT-SAL/YK16/BK

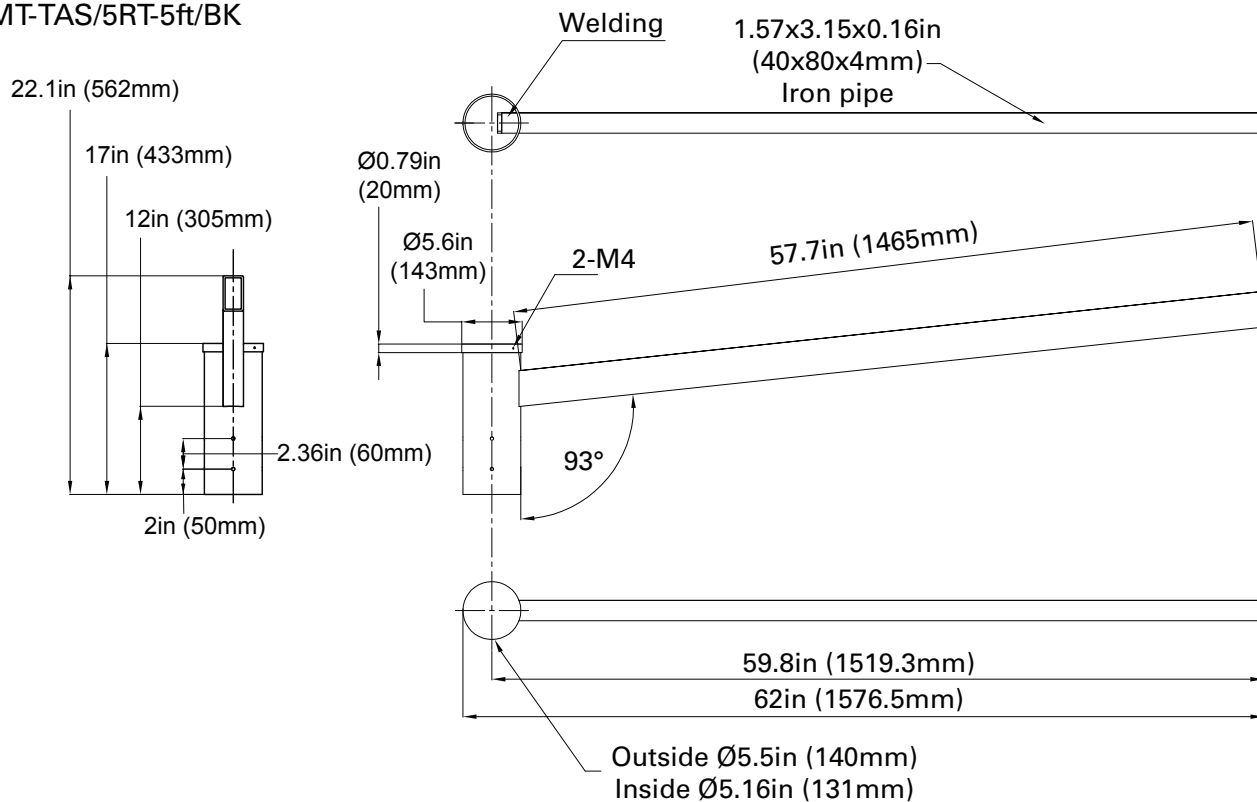
**Rectangle Slip Fitter**

P10506 MT-AL/RSF/1.5x3.5/BK

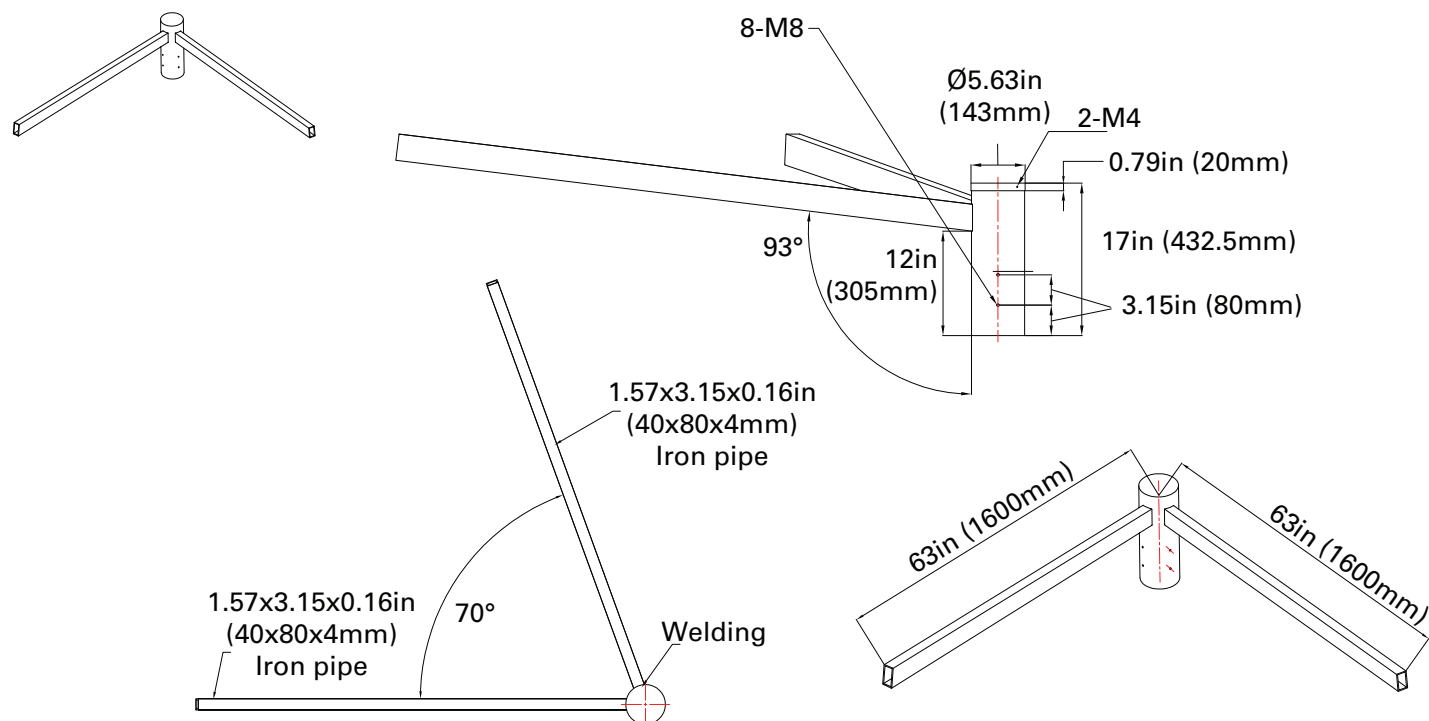


MOUNTINGS (Ordered Separately)**Single Arm 5'**

P10526 MT-TAS/5RT-5ft/BK

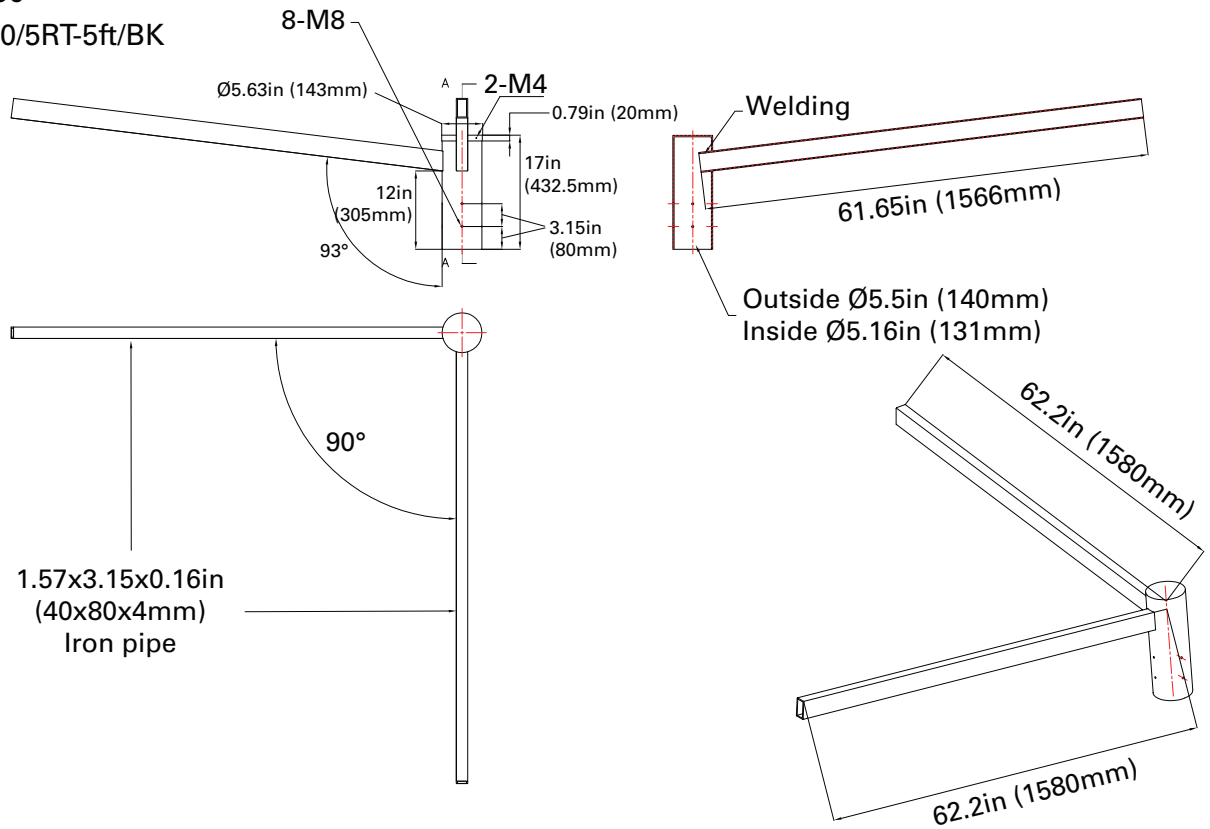
**Double Arm 5' - 70°**

P10527 MT-TAD70/5RT-5ft/BK

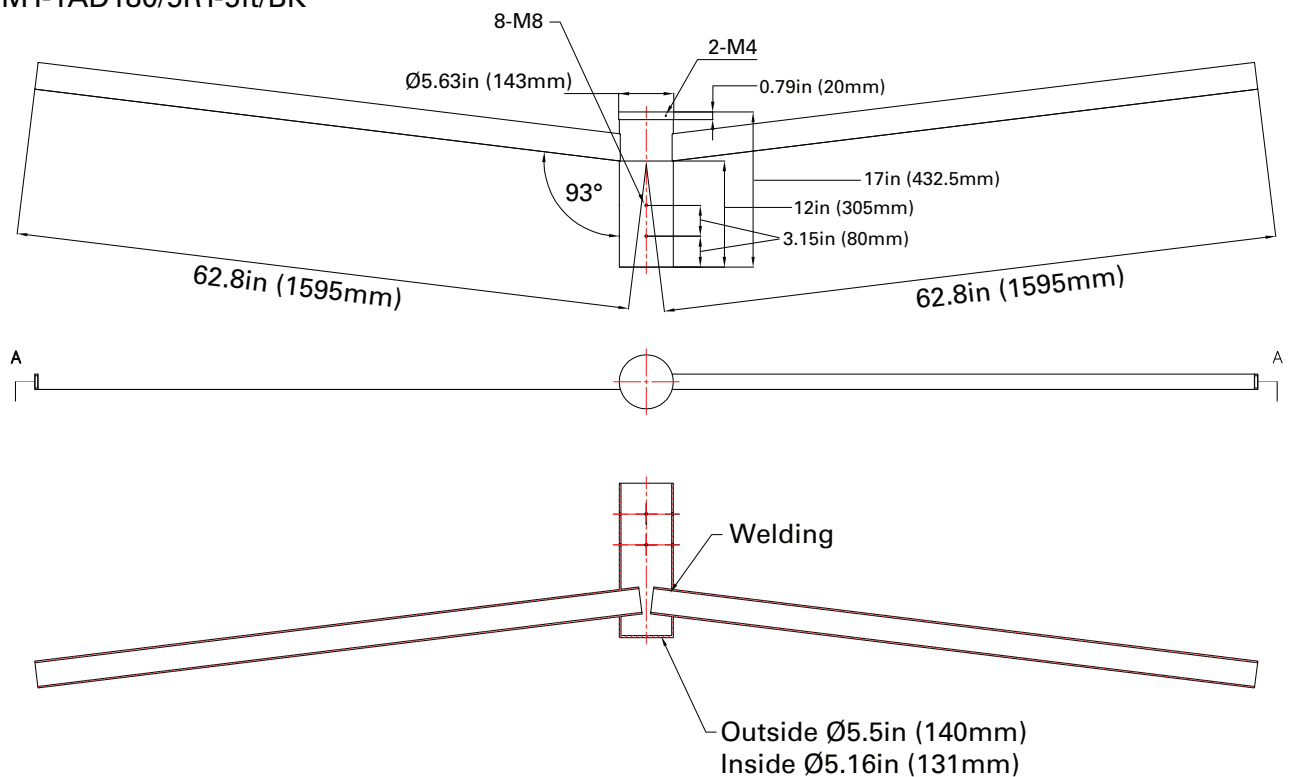


MOUNTINGS (Ordered Separately)**Double Arm 5' - 90°**

P10528 MT-TAD90/5RT-5ft/BK

**Double Arm 5' - 180°**

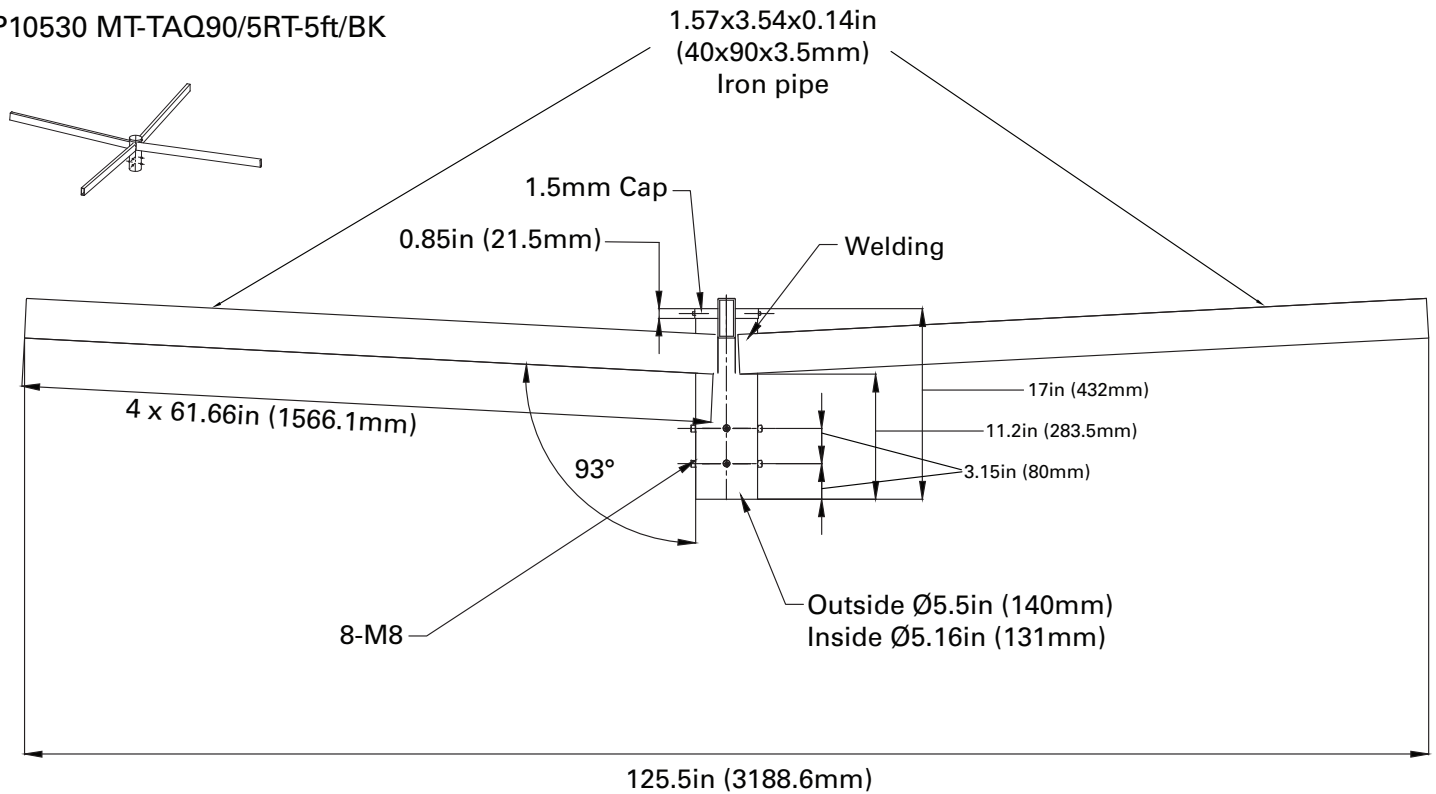
P10529 MT-TAD180/5RT-5ft/BK



MOUNTINGS (Ordered Separately)

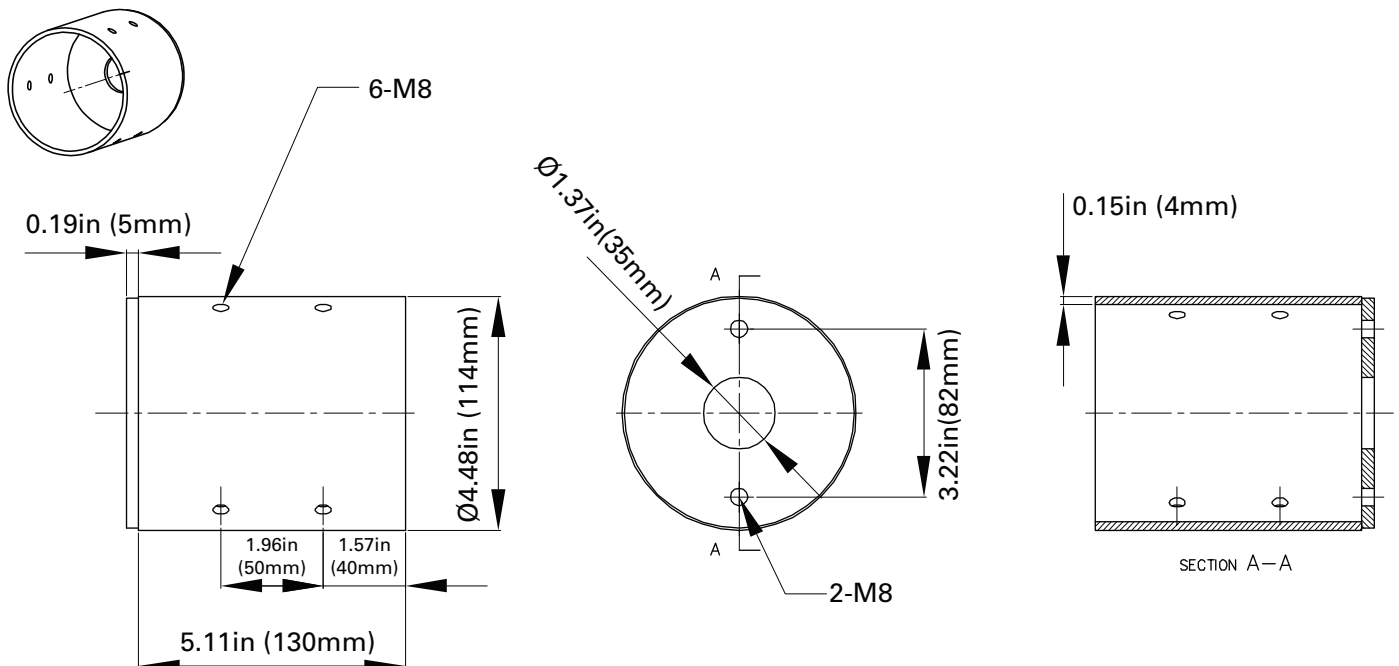
Quad Arm 5' - 90°

P10530 MT-TAQ90/5RT-5ft/BK



Slip Fitter Adapter Single Davit Arm

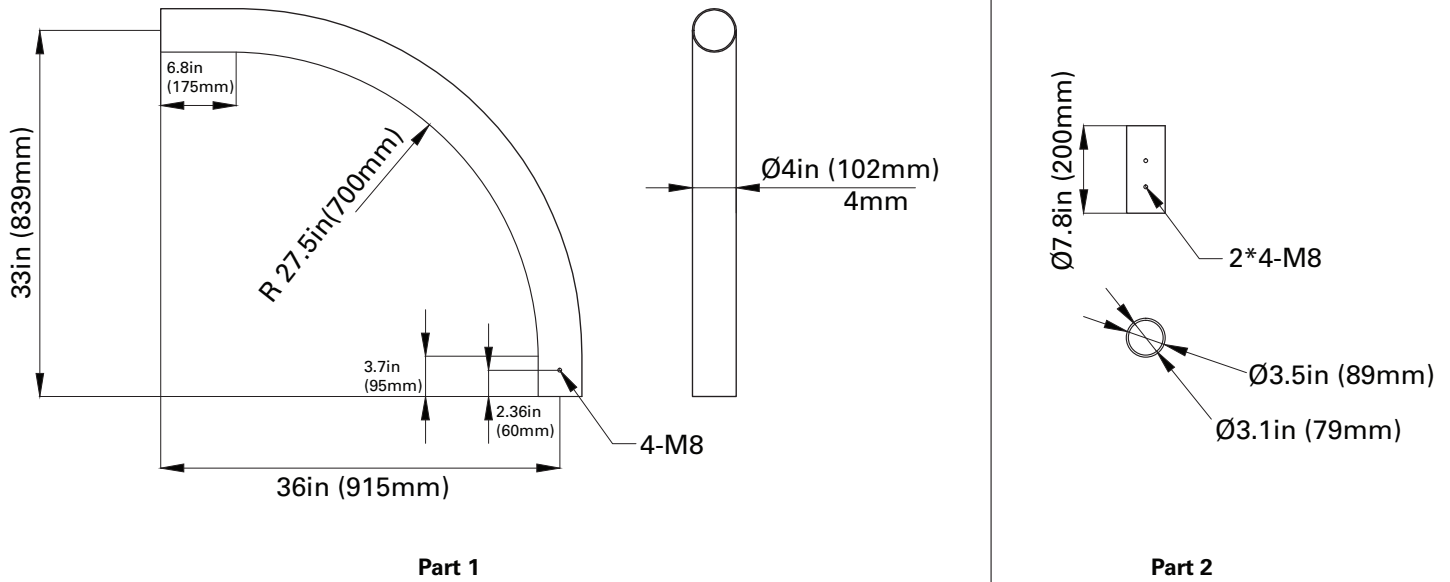
P10509 MT-4SFA/BK



MOUNTINGS (Ordered Separately)

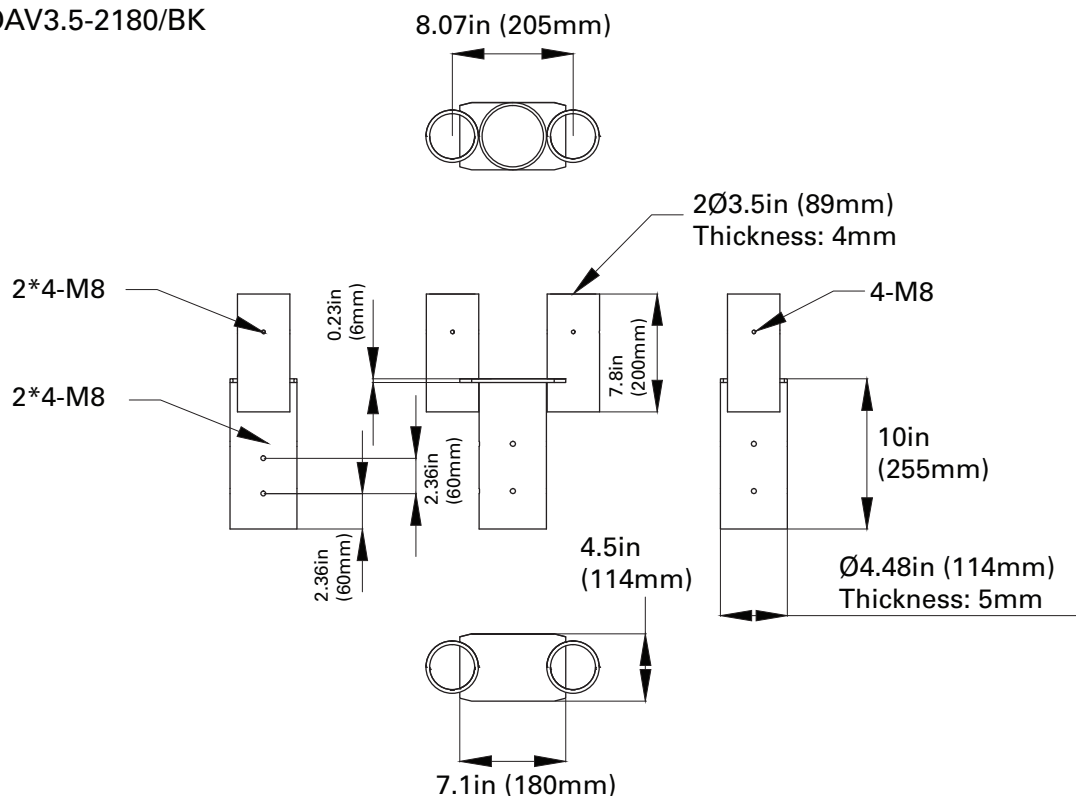
Single Davit Arm for 3.5" Pole top

P10510 MT-3.5RTDAV4/38in/BK



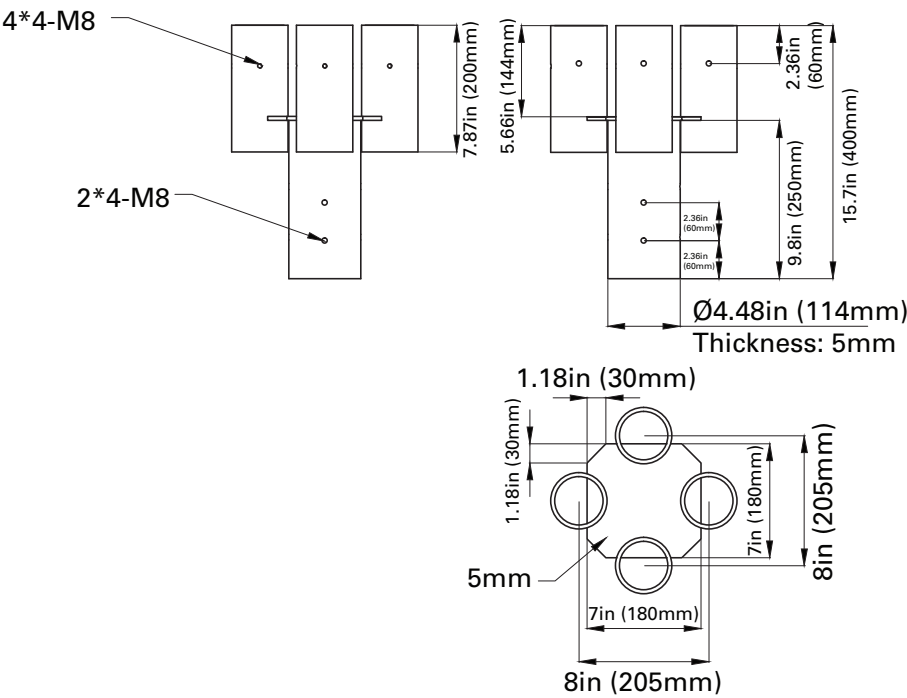
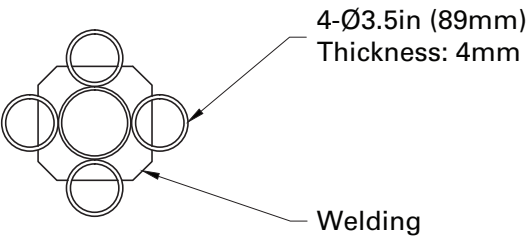
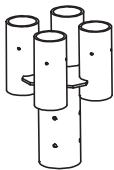
Twin Davit Arm for 4" Pole Top

P10511 MT-4RTDAV3.5-2180/BK



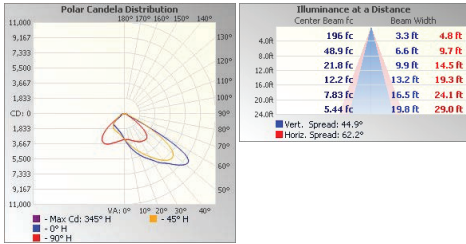
MOUNTINGS (Ordered Separately)

Quad Davit Arm for 4" Pole Top
P10512 MT-4RTDAV3.5-490/BK

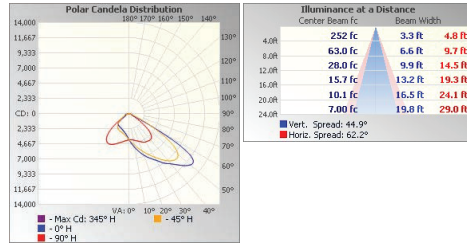


PHOTOMETRICS CHART

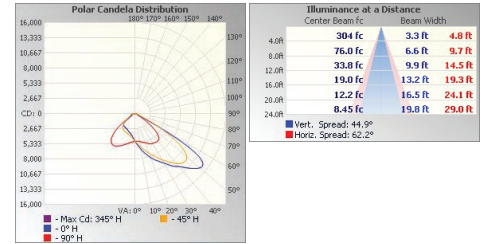
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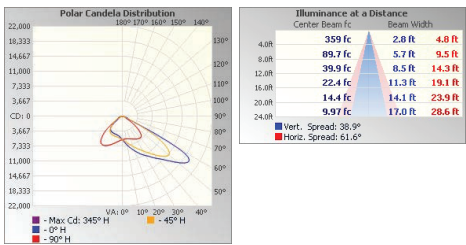
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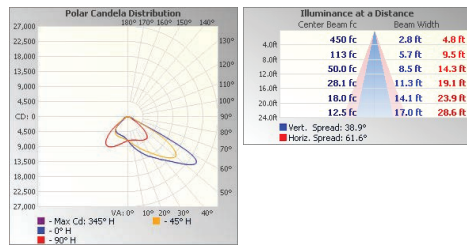
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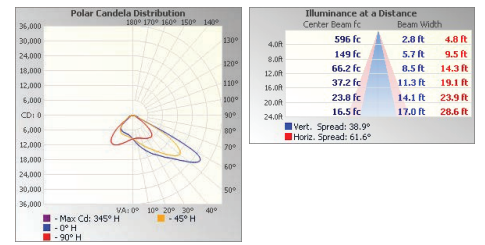
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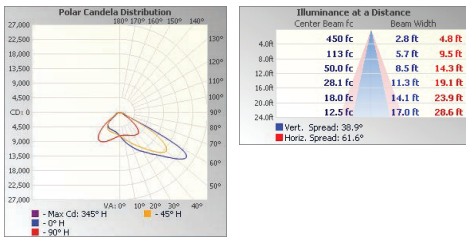
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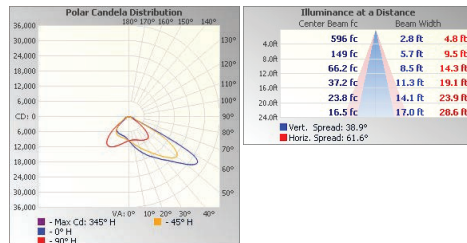
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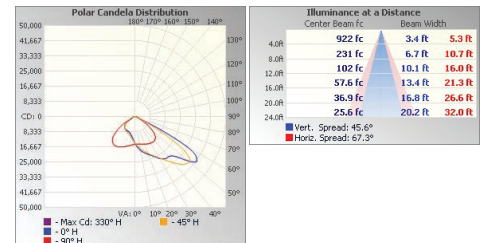
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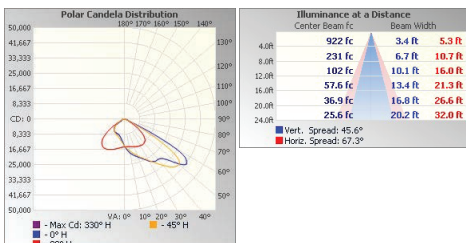
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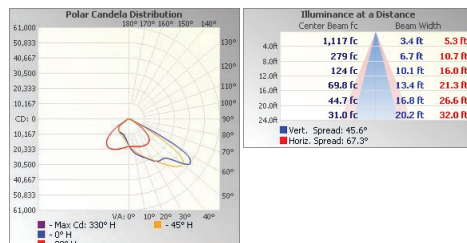
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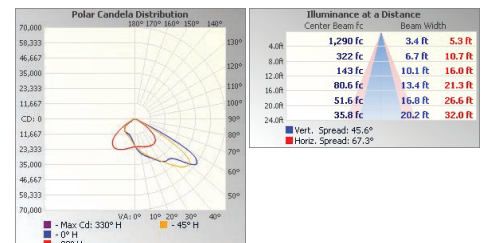
600 Selectable [400W]



600 Selectable [500W]



600 Selectable [600W]



PACKAGE

Case Qty 1 pc

