

PROJECT:

SCHEDULE:

DATE:

PREPARE BY:

NOTES:

DESCRIPTION

naturaLED® Sport Court lights feature a durable die-cast aluminum housing with advanced thermal management, making them ideal for tennis courts and walkways. They provide uniform, consistent color and are available in multiple wattages to replace HID fixtures up to 1500W. These DLC Premium, IP66-rated fixtures offer Pole Mount, Slip Fitter, and Yoke Mount options and are Z-10 control ready for easy photocell or motion sensor replacement. Optional integrated sensors are available. With up to 85% energy savings, they reduce operating costs and eliminate lamp and ballast maintenance. Green is available by special order.

APPLICATIONS

Tennis Courts, Walkways, Sport Fields



FEATURES

- DLC Premium
- IP66 Rated
- IK08 Rated
- ETL/cETL Listed
- Wattage Selectable
- Wattage: 90~150W, 200~340W, 350~450W, 400~600W
- Color Temp: CCT3(30/40/50K), 4000K, 5000K
- Voltage: 120-277V
- Surge Protection: 10KV
- Dimmable: 0-10V
- CRI: >80
- Operating Temperature: -40°F to 122°F
- Beam Angle: Type IV, Tennis Court Type
- Low Voltage Output for Sensors
- Contractor Friendly Mounting Options
- Material: Die Cast Aluminum
- Finish: Epoxy Powder Coat
- Color: Black, Green
- Optional Accessories for Purchase: Mountings, Sensors, Photocell, Pole Brackets, Lens
- Warranty: 5-Year Limited Warranty

ACCESSORIES

	Pole Mount Arm		Lens
	Slip Fitter		Pole Brackets
	Yoke Mount		Arms - 3'/5' Pole Top
	Sensors		Mount Adapters
	Surge Protection		

SAMPLE NUMBER FXSCL150SW/8CCT3/BK/TT-Z10

FAMILY	SERIES	WATTAGE	COLOR TEMP	COLOR	LENS	ACCESSORY
FX	SCL	150SW	8CCT3	BK	TT	Z10
Fixture	Sports Court Lights	<150 Selectable Wattages	CRI 80 4000K	Black	Tennis Type	Tennis Type

SPORTS COURT LIGHTING

SPORTS LIGHT LUMINAIRES

ORDERING

*P= Premium DLC / *S = Standard DLC

Ordering Code	Description	Watts (W)	Lumens (Lm)	CCT (K)	Equiv. Wattage (W)	Color	IP66 Rated	DLC (S/P)
5209	FXSCL150SW/8CCT3/BK/TT-Z10	90	12,600	3CCT	400W	Black	•	P
		120	18,000	(30/40/50K)				
		150	21,000					
5210	FXSCL340SW/8CCT3/BK/TT-Z10	200	28,000	3CCT	1000-1500W	Black	•	P
		270	37,800	(30/40/50K)				
		340	47,600					
5211	FXSCL450SW/8CCT3/BK/TT-Z10	350	50,750	3CCT	1000-1500W	Black	•	P
		400	58,000	(30/40/50K)				
		450	65,250					
5204	FXSCL150SW/8CCT3/GN/TT-Z10	90	12,600	3CCT	400W	Green	•	P
		120	18,000	(30/40/50K)				
		150	21,000					
5205	FXSCL340SW/8CCT3/GN/TT-Z10	200	28,000	3CCT	1000-1500W	Green	•	P
		270	37,800	(30/40/50K)				
		340	47,600					
5206	FXSCL450SW/8CCT3/GN/TT-Z10	350	50,750	3CCT	1000-1500W	Green	•	P
		400	58,000	(30/40/50K)				
		450	65,250					
5207	FXSCL600SW/840/GN/TT-Z10	400	60,000	4000K	1000-1500W	Green	•	P
		500	75,000					
		600	90,000					
5208	FXSCL600SW/850/GN/TT-Z10	400	60,000	5000K	1000-1500W	Green	•	P
		500	75,000					
		600	90,000					

ACCESSORIES



6" Pole Mount Arm
P10468 MT-AL/PM6/BK
(6" Pole Mount Arm-Black)

6" Pole Mount Arm
P10652 MT-SCL/PM6/GN
(6" Pole Mount Arm-Green)



Slip Fitter
P10470 MT-AL/SF/BK
(Slip Fitter Mount-Black)

Slip Fitter
P10653 MT-SCL/SF/GN
(Slip Fitter Mount-Green)



Yoke Mount
P10471 MT-SAL/YK12/BK
(12" Yoke Mount-Black)

Yoke Mount
P10654 MT-SAL/YK12/GN
(12" Yoke Mount-Green)

P10472 MT-SAL/YK16/BK
(16" Yoke Mount-Black)

P10655 MT-SAL/YK16/GN
(16" Yoke Mount-Green)



Rectangle Slip Fitter
P10506 MT-AL/RSF/1.5x3.5/BK
(Rectangle Slip Fitter 1.5"x3.5" for CAS and CAD-Black)

Rectangle Slip Fitter
P10661 MT-SCL/RSF/1.5x3.5/GN
(Rectangle Slip Fitter 1.5"x3.5" for CAS and CAD-Green)



Motion Sensors & Control
P10520 SEN-ANT-5-Z10-PC
(Z10 Twist-Lock Photocell 12-24Vdc - White)



P10521 SEN-ANT-5-Z10
(Z10 Twist-Lock Microwave Motion and Photocell Sensor, 0-10V, 12-24Vdc - White)



P10522 SEN-ANT-6-Z10
(Z10 Twist-Lock PIR Motion and Photocell Sensor, 0-10V, 12-24Vdc - White)



P10316 SEN-BRI-RC100
(Remote Programmer for P10520, P10521, P10522)



Surge Protection
P10389 SPD-L-10KV-277
(Surge Protection 10KV 120-277V)



P10390 SPD-L-20KV-277
(Surge Protection 20KV 120-277V)



P10391 SPD-L-20KV-480
(Surge Protection 20KV 347-480V)



Type 3 Lens for SCL 450/600W
P10580 LENS-SAL-L-T3
(Type 3 Lens for SCL450W / 600W (4 per fixture))

Glare Shield Front/Back (LUNA)
P10628 GSFB-SCL/BK
(Glare Shield Front/Back for SCL Large Black (LUNA))

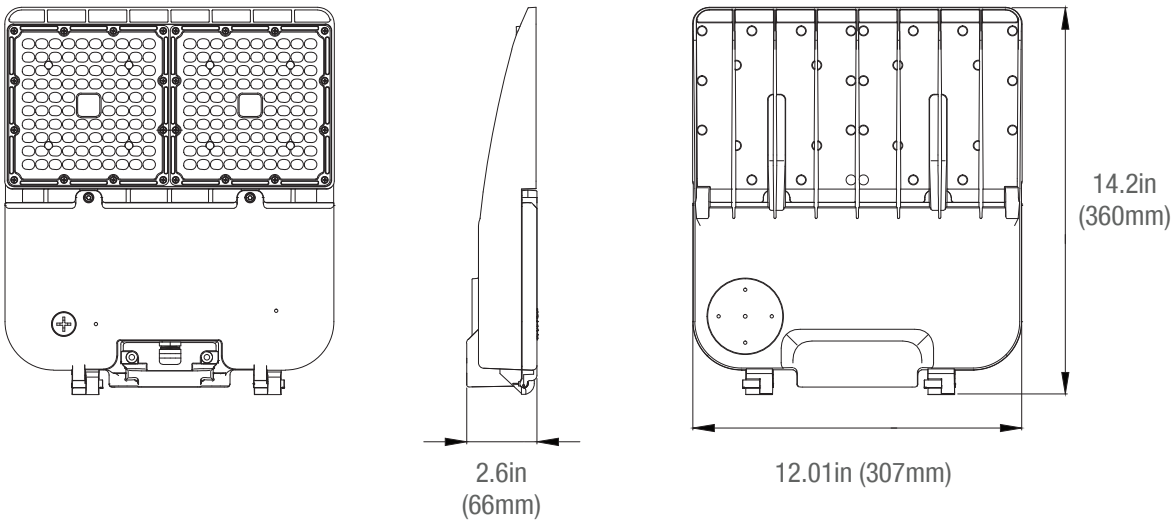
Type 4 Lens for SCL 450/600W
P10451 LENS-SAL-L-T4
(Type 4 Lens for SCL450W / 600W (4 per fixture))

P10459 GSFB-SCL-L/GN
(Glare Shield Front/Back for SCL Large Green (LUNA))

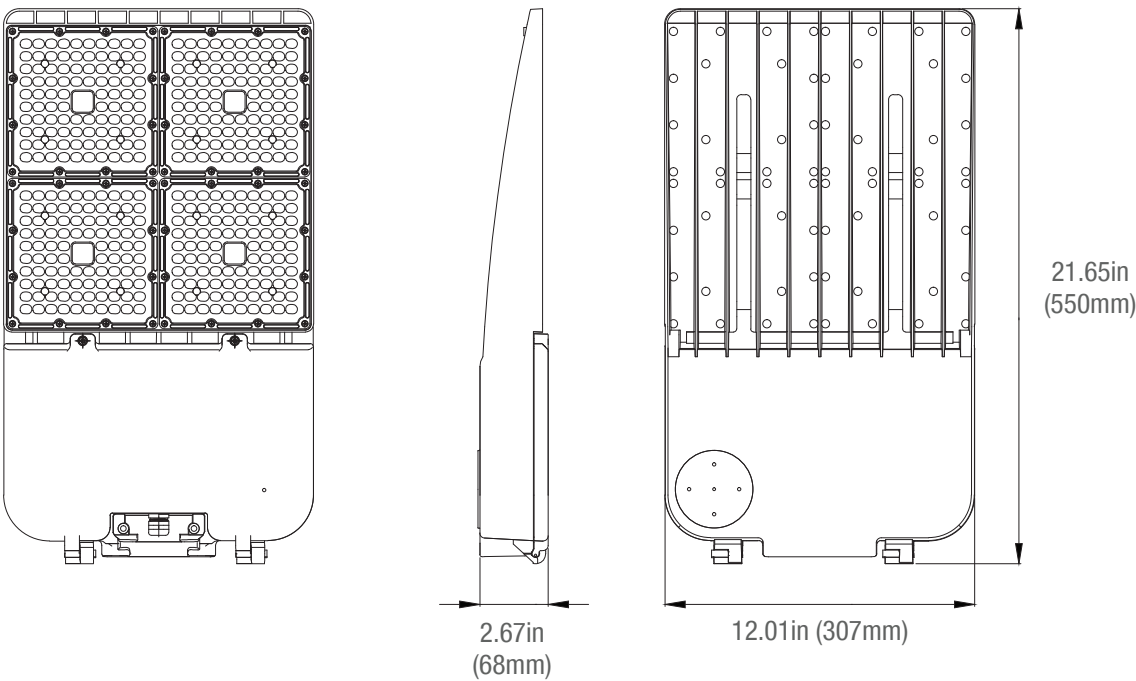
Type Tennis Lens for SCL 450/600W
P10450 LENS-SAL-L-TT
(Type Tennis Lens for SCL450W / 600W (4 per fixture))

DIMENSIONS

150 S/Wattage
10.58-lbs



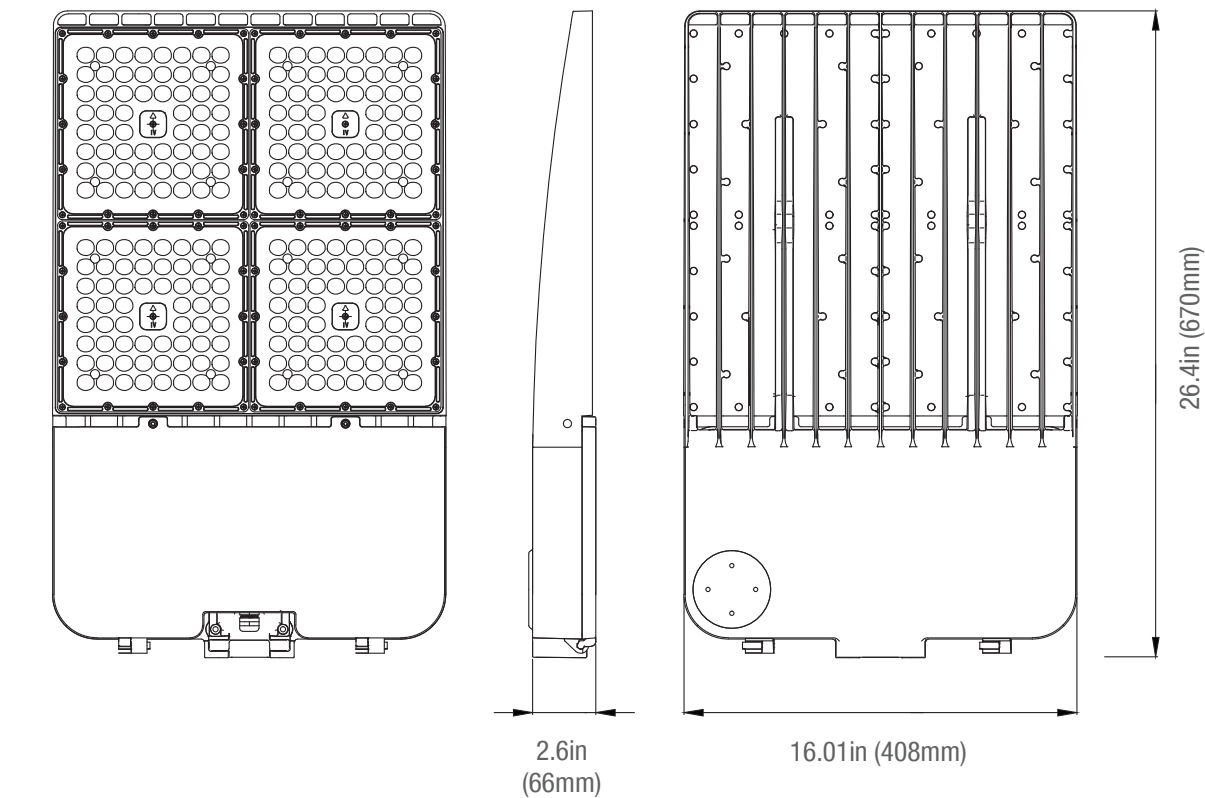
340 S/Wattage
16.09-lbs



DIMENSIONS

450 S/Wattage
22.05-lbs

600 S/Wattage
24.25-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

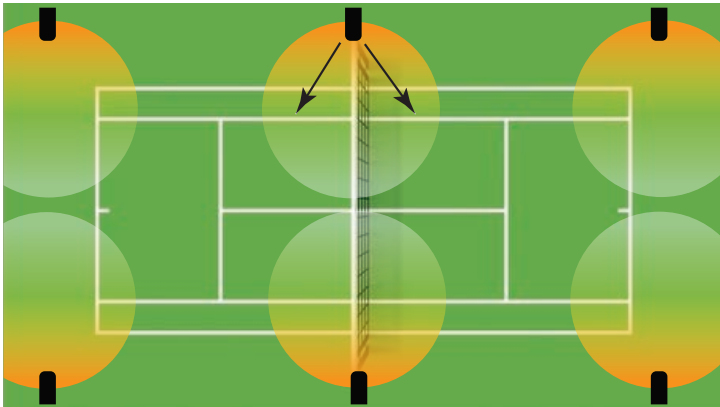
Config.	EPA (ft²)
3 @ 90°	0.87
3 @ 120°	1.14
4 @ 90°	1.63

400/600 Watt

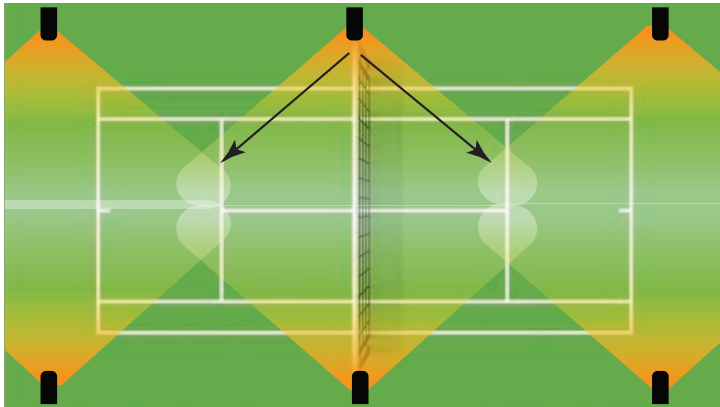
Config.	EPA (ft²)
1	0.326
2 @ 90°	1.01
2 @ 120°	1.05
2 @ 180°	0.70

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

AREA LIGHT COVERAGE

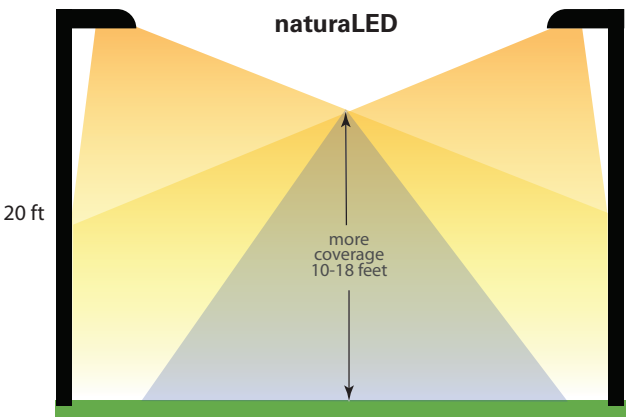
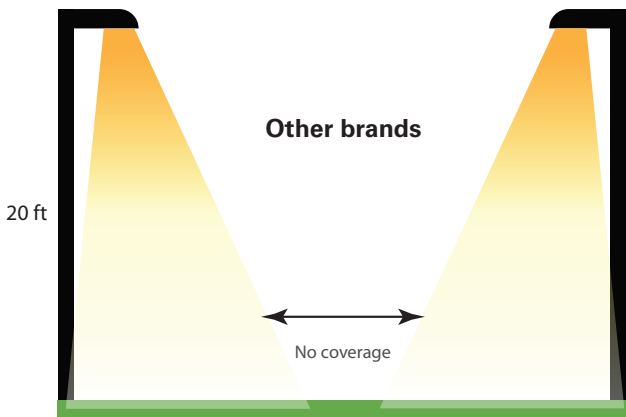


naturaLED's SCL AREA LIGHT COVERAGE

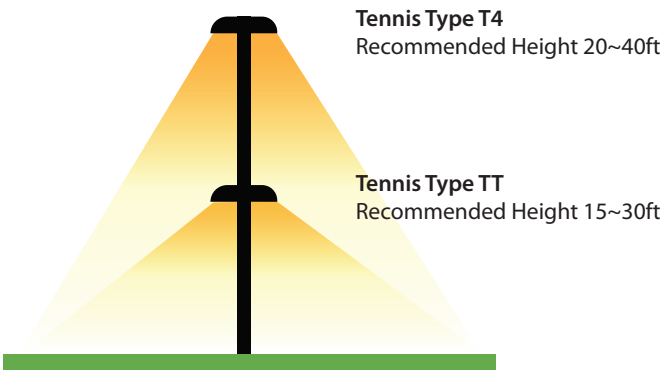
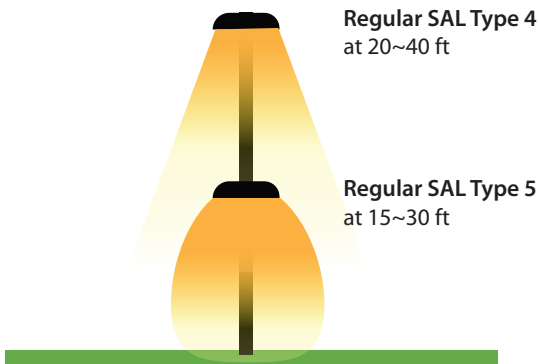


SCL Sports Court offers wider beam spread designed for tennis courts and fields application.

LUMENAIRE COVERAGE

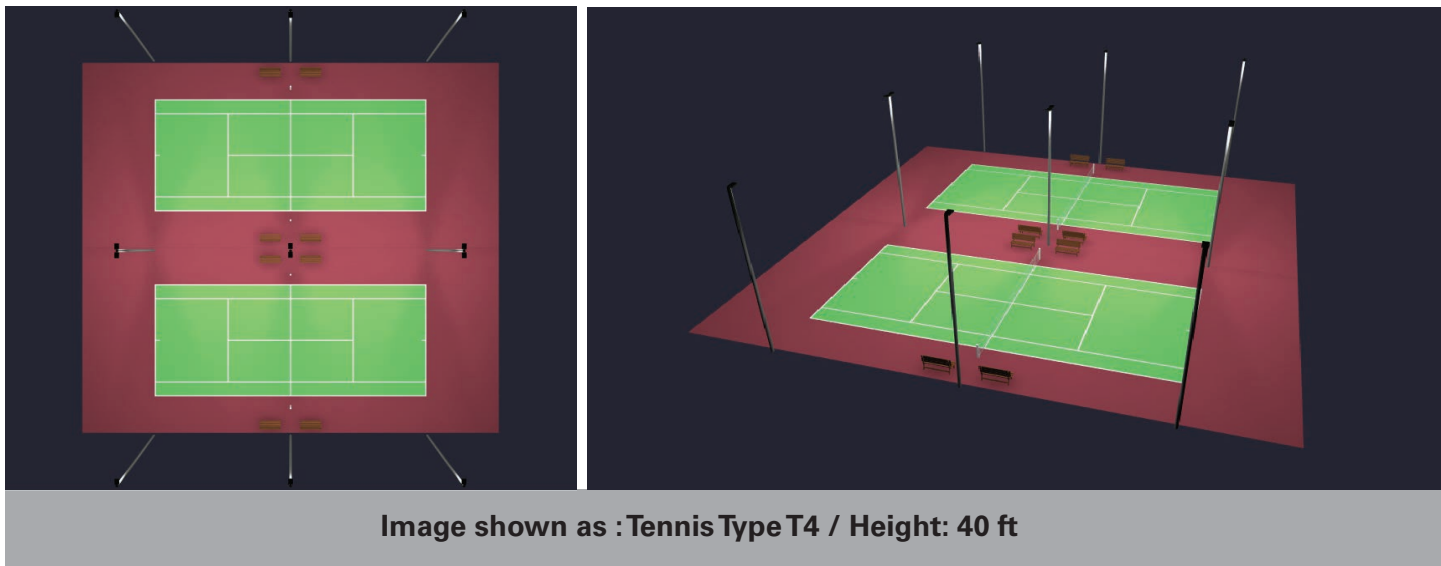


LENS TYPE

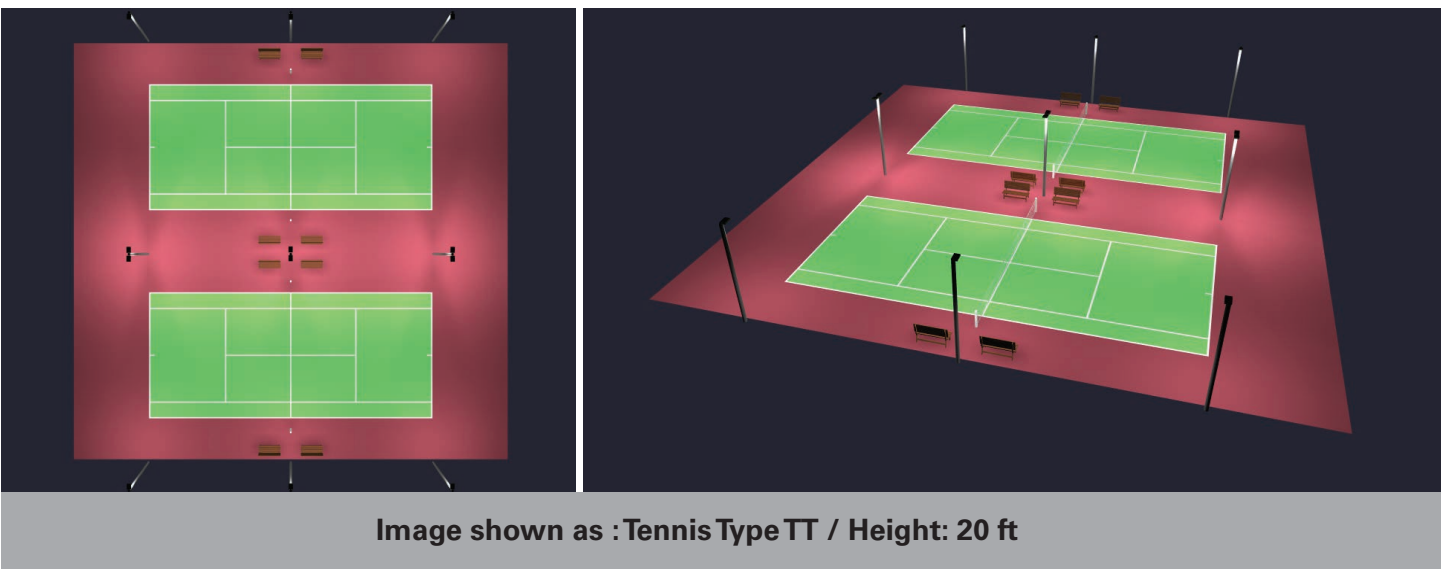


LIGHTING DISTRIBUTION

Tennis Type 4 recommended install height at 20~40 ft

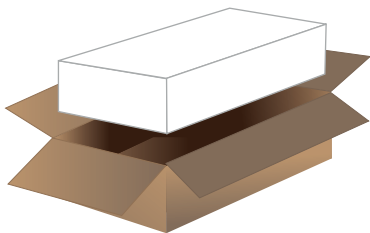


Tennis Type TT recommended install height at 15~25 ft



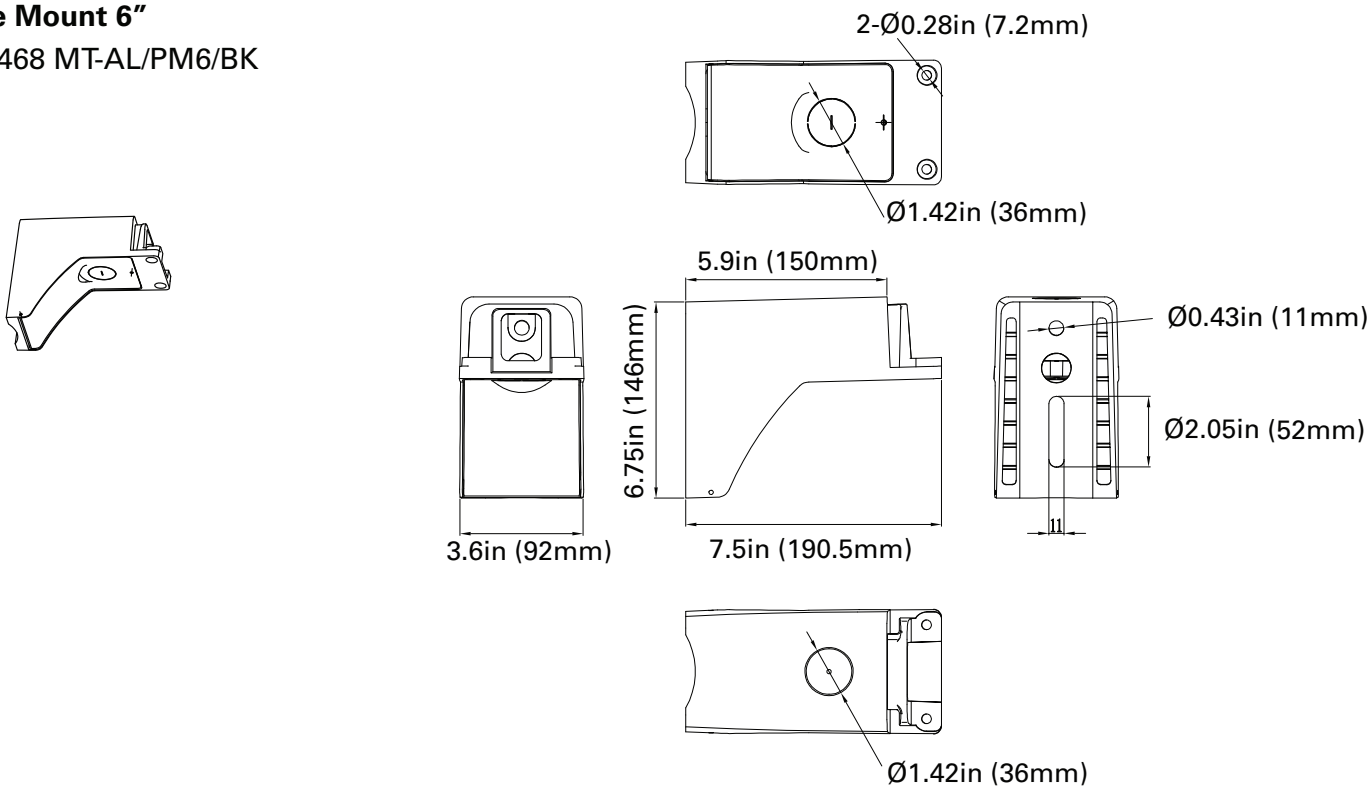
PACKAGE

	Master Carton (pc)	Dimensions (in)	Weight (lbs)
150 S/W	1	13.8"x4.1"x16.5"	9.48
340 S/W	1	13.8"x4.5"x23.8"	15.87
450 S/W	1	18.1"x4.5"x28.4"	24.69
600 S/W	1	18.1"x4.5"x28.4"	24.69

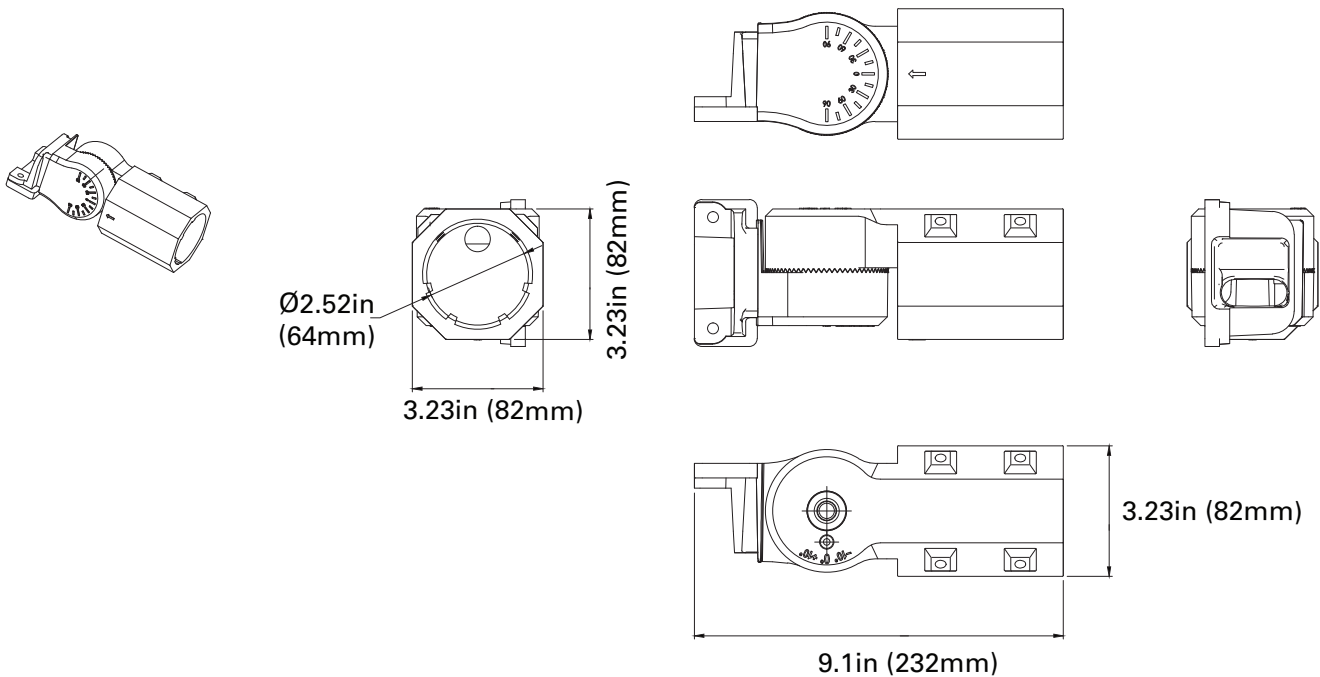


MOUNTINGS (Ordered Separately)

Pole Mount 6"
P10468 MT-AL/PM6/BK



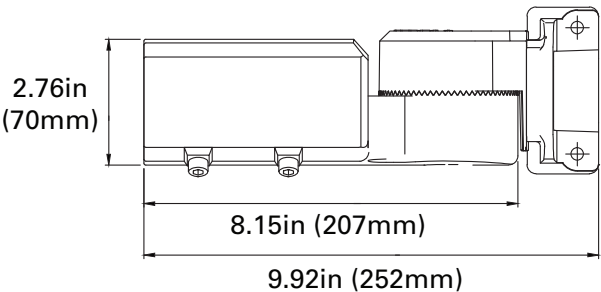
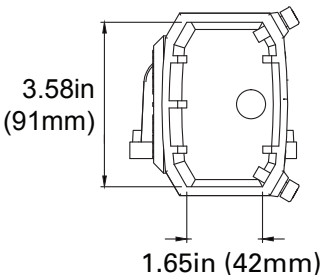
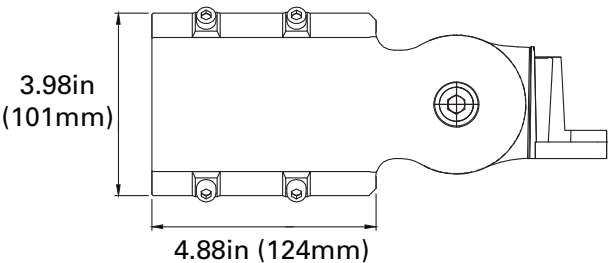
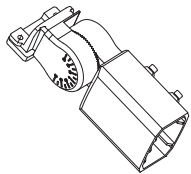
Slip Fitter
P10470 MT-AL/SF/BK



MOUNTINGS (Ordered Separately)

Rectangle Slip Fitter

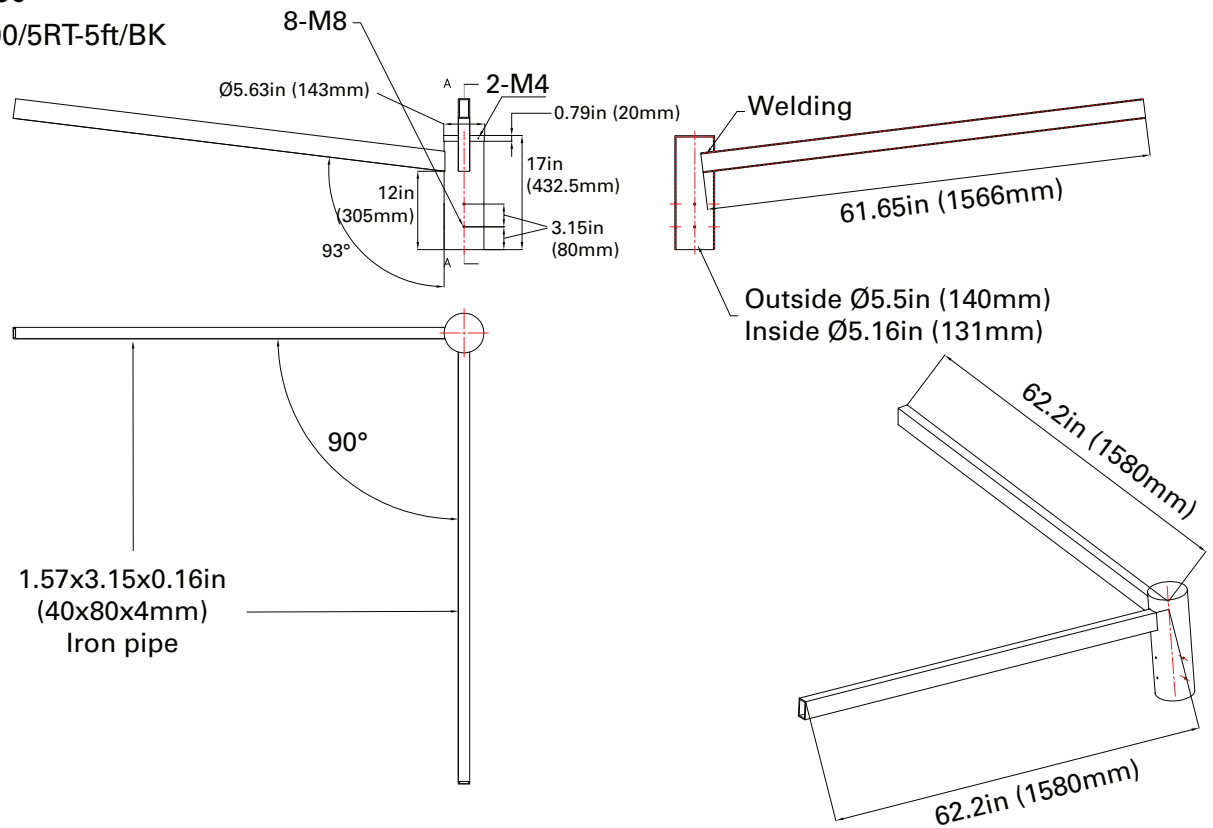
P10506 MT-AL/RSF/1.5x3.5/BK



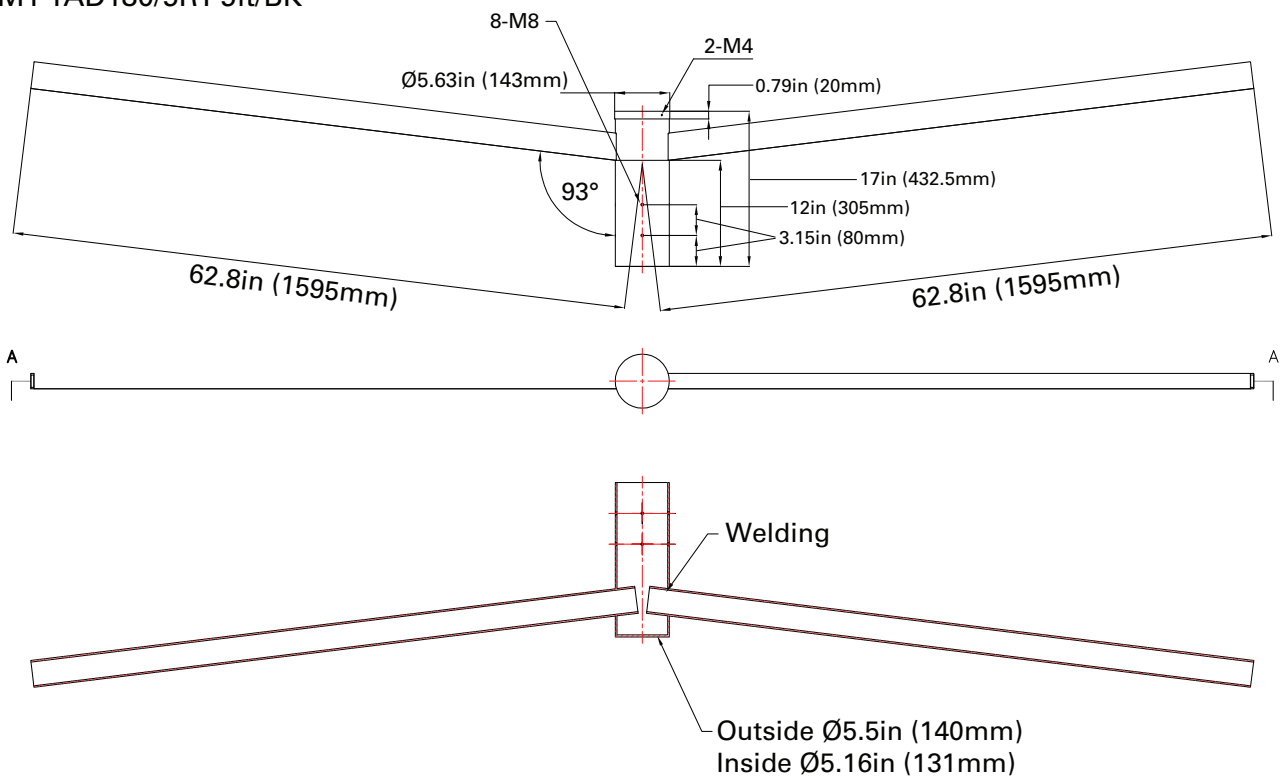
Pole Mount 5'	Pole Mount 3'	Davit Arm
 Single Arm 5' P10526 MT-TAS/5RT-5ft/BK (5' Single Arm for Court Lighting. Fit to 5" Round Pole Top- Black)	 Single Arm 3' P10558 MT-TAS/5RT-3ft/BK (3' Single Arms for Court Lighting Fit to 5" Round Pole Top-Black)	 Slip Fitter Adapter Single Davit Arm P10509 MT-4SFA/BK (Mount - Area Light Slip Fitter Adaptor for 4" Diameter Single Davit Arm)
 Double Arm 5' - 70° P10527 MT-TAD70/5RT-5ft/BK (5' 70° Double Arms for Court Lighting. Fit to 5" Round Pole Top-Black)	 Double Arm 3' - 70° P10559 MT-TAD70/5RT-3ft/BK (3' 70° Double Arms for Court Lighting. Fit to 5" Round Pole Top-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)
 Double Arm 5' - 90° P10528 MT-TAD90/5RT-5ft/BK (5' 90° Double Arms for Court Lighting. Fit to 5" Round Pole Top-Black)	 Double Arm 3' - 90° P10560 MT-TAD90/5RT-3ft/BK (3' 90° Double Arms for Court Lighting. Fit to 5" Round Pole Top-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)
 Double Arm 5' - 180° P10529 MT-TAD180/5RT-5ft/BK (5' 180° Double Arms for Court Lighting. Fit to 5" Round Pole Top-Black)	 Double Arm 3' - 180° P10561 MT-TAD180/5RT-3ft/BK (3' 180° Double Arms for Court Lighting. Fit to 5" Round Pole Top-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)
 Quad Arm 5' - 90° P10530 MT-TAQ90/5RT-5ft/BK (5' 90° Quad Arms for Court Lighting. Fit to 5" Round Pole Top-Black)	 Quad Arm 3' - 70° P10635 MT-TAQ70/5RT-3ft/BK (3' 70° Quad Arms for Court Lighting. Fit to 5" Round Pole Top-Black)	
	 Quad Arm 3' - 90° P10562 MT-TAQ90/5RT-3ft/BK (3' 90° Quad Arms for Court Lighting. Fit to 5" Round Pole Top-Black)	

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

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

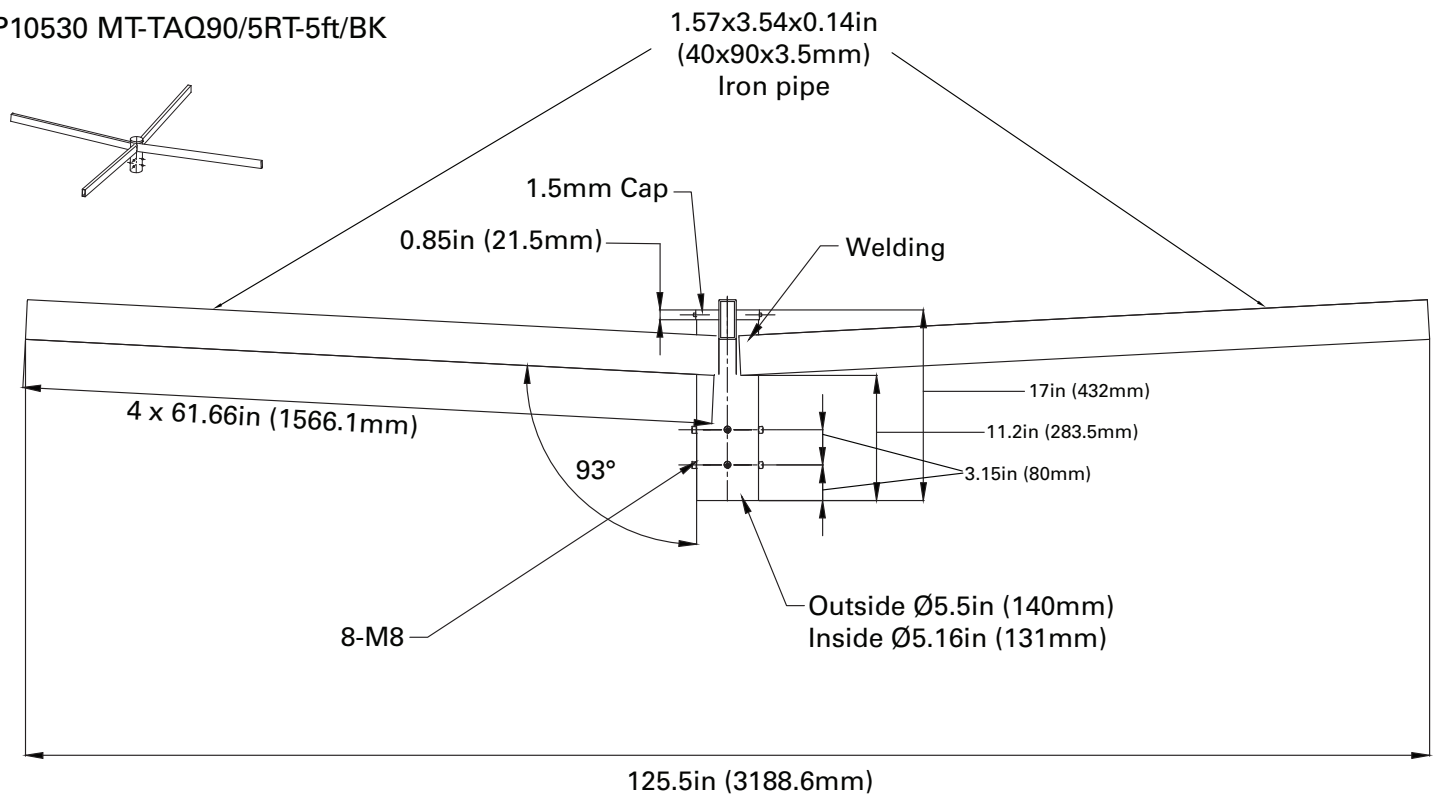
**Double Arm 5' - 180°**

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

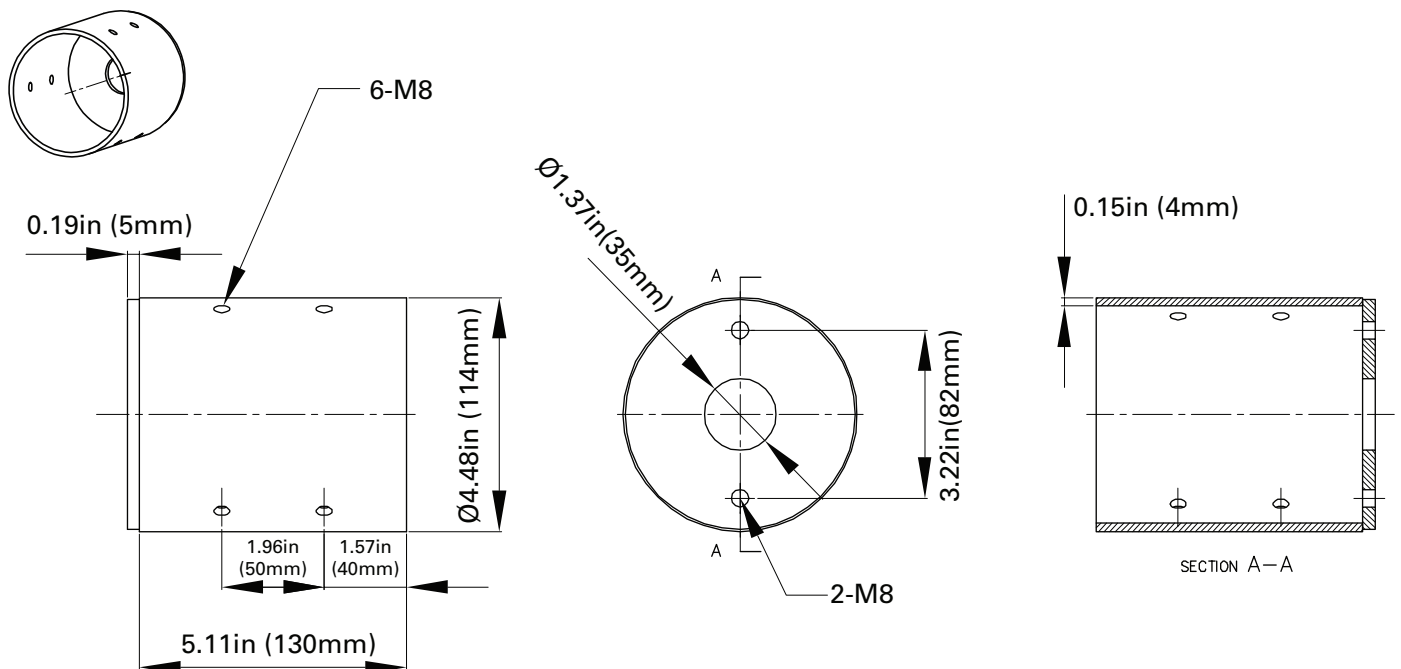


MOUNTINGS (Ordered Separately)**Quad Arm 5' - 90°**

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

**Slip Fitter Adapter Single Davit Arm**

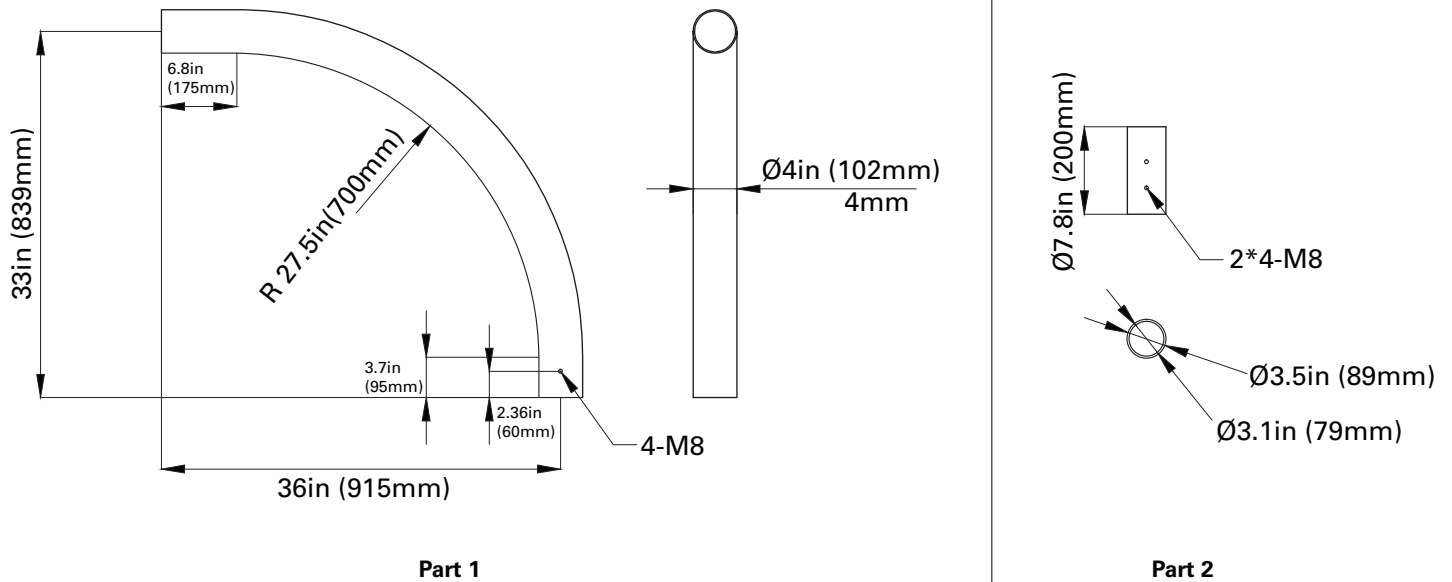
P10509 MT-4SFA/BK



MOUNTINGS (Ordered Separately)

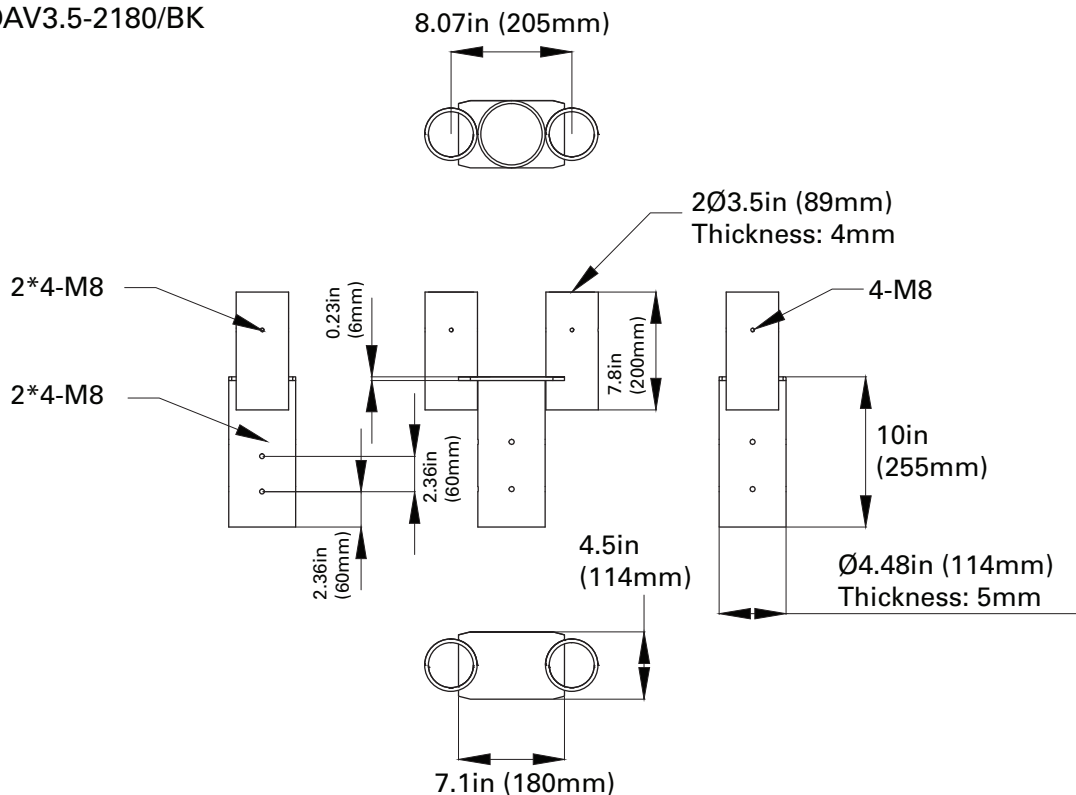
Single Davit Arm for 3.5" Pole top

P10510 MT-3.5RTDAV4/38in/BK



Twin Davit Arm for 4" Pole Top

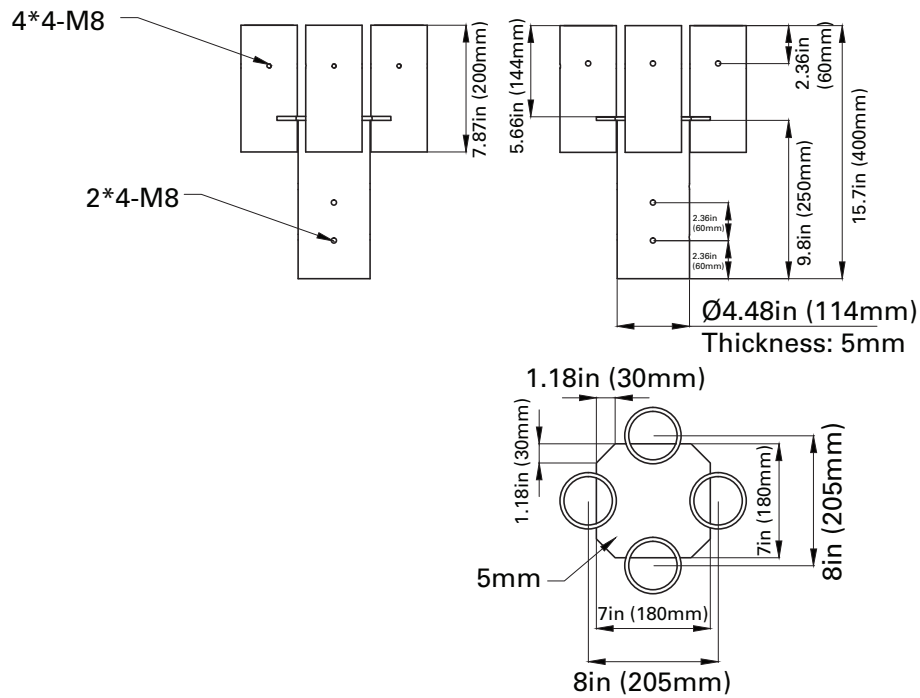
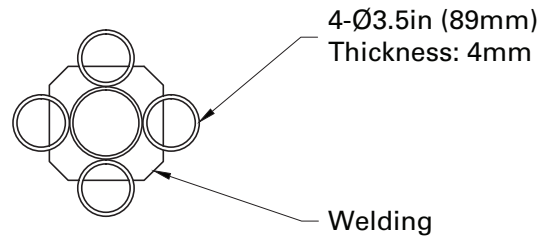
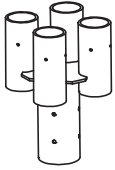
P10511 MT-4RTDAV3.5-2180/BK



PHOTOMETRICS

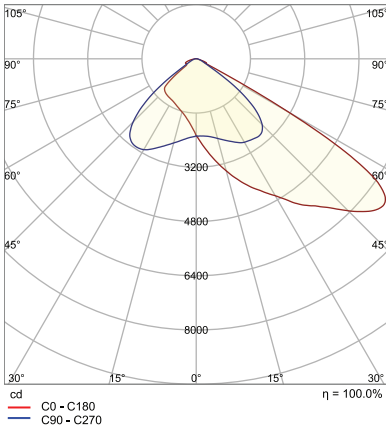
Quad Davit Arm for 4" Pole Top

P10512 MT-4RTDAV3.5-490/BK

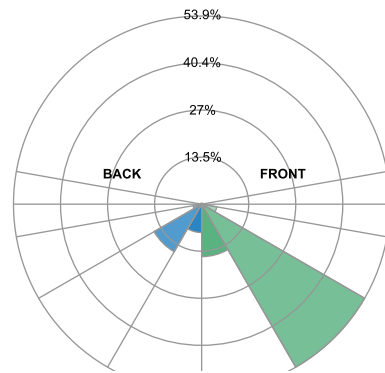


PHOTOMETRICS

150 S/Wattage (90W)



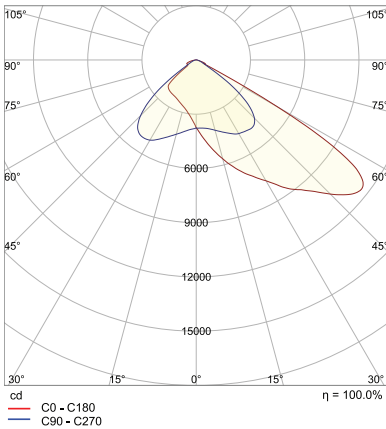
BUG rating B2 U0 G1



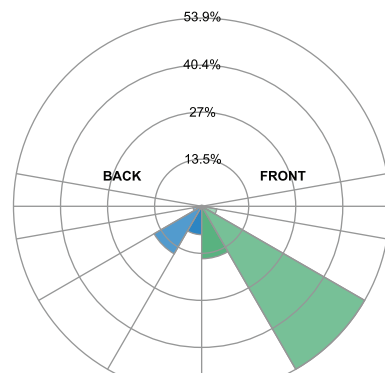
	Illuminance at a Distance	
	Center Beam fc	Beam Width
3.3ft	288 fc	2.7 ft 4.0 ft
6.7ft	69.8 fc	5.5 ft 8.1 ft
10.0ft	31.3 fc	8.3 ft 12.1 ft
13.3ft	17.7 fc	11.0 ft 16.1 ft
16.7ft	11.2 fc	13.8 ft 20.2 ft
20.0ft	7.83 fc	16.5 ft 24.1 ft

■ Vert. Spread: 44.9°
■ Horiz. Spread: 62.2°

150 S/Wattage (120W)



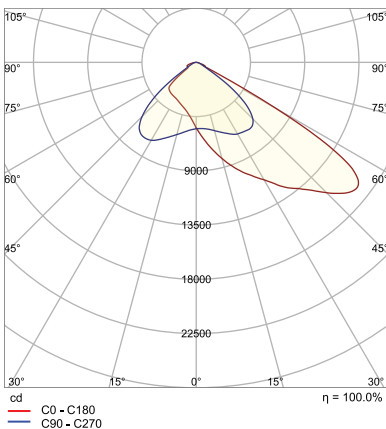
BUG rating B3 U0 G1



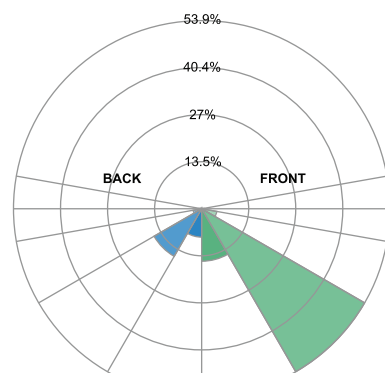
	Illuminance at a Distance	
	Center Beam fc	Beam Width
3.3ft	370 fc	2.7 ft 4.0 ft
6.7ft	89.8 fc	5.5 ft 8.1 ft
10.0ft	40.3 fc	8.3 ft 12.1 ft
13.3ft	22.8 fc	11.0 ft 16.1 ft
16.7ft	14.4 fc	13.8 ft 20.2 ft
20.0ft	10.1 fc	16.5 ft 24.1 ft

■ Vert. Spread: 44.9°
■ Horiz. Spread: 62.2°

150 S/Wattage (150W)



BUG rating B3 U0 G2

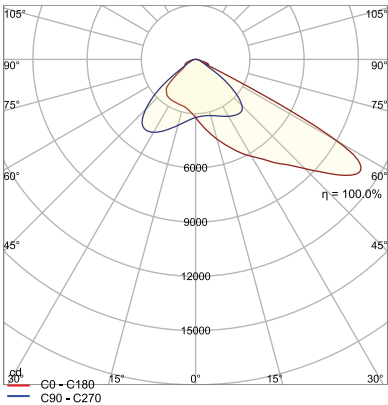


	Illuminance at a Distance	
	Center Beam fc	Beam Width
3.3ft	447 fc	2.7 ft 4.0 ft
6.7ft	108 fc	5.5 ft 8.1 ft
10.0ft	48.7 fc	8.3 ft 12.1 ft
13.3ft	27.5 fc	11.0 ft 16.1 ft
16.7ft	17.4 fc	13.8 ft 20.2 ft
20.0ft	12.2 fc	16.5 ft 24.1 ft

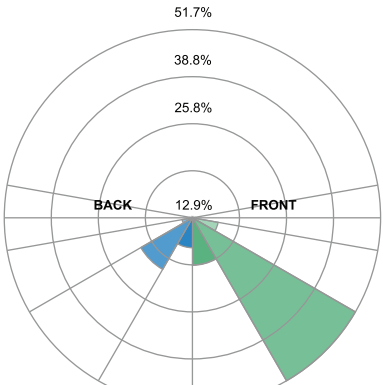
■ Vert. Spread: 44.9°
■ Horiz. Spread: 62.2°

PHOTOMETRICS

340 S/Wattage (180W)



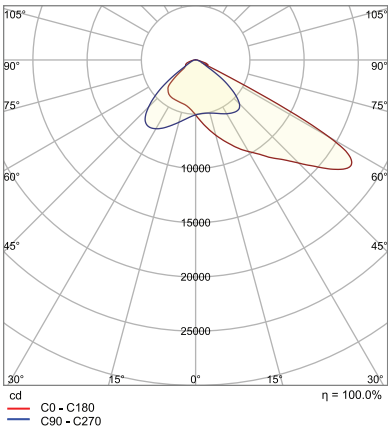
BUG rating B3 U0 G1



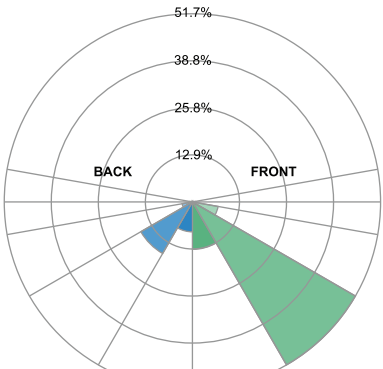
Illuminance at a Distance			
Center Beam fc		Beam Width	
3.3ft	527 fc	2.3 ft	3.9 ft
6.7ft	128 fc	4.7 ft	8.0 ft
10.0ft	57.4 fc	7.1 ft	11.9 ft
13.3ft	32.5 fc	9.4 ft	15.9 ft
16.7ft	20.6 fc	11.8 ft	19.9 ft
20.0ft	14.4 fc	14.1 ft	23.9 ft

■ Vert. Spread: 38.9°
■ Horiz. Spread: 61.6°

340 S/Wattage (240W)



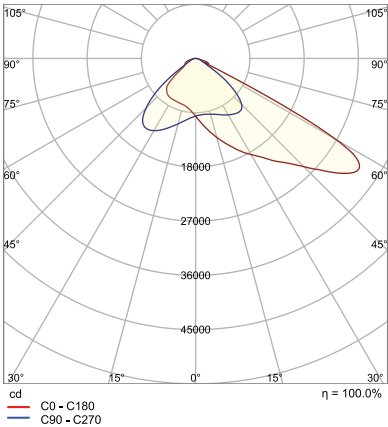
BUG rating B3 U0 G2



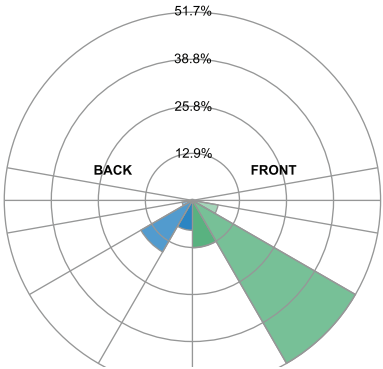
Illuminance at a Distance			
Center Beam fc		Beam Width	
3.3ft	662 fc	2.3 ft	3.9 ft
6.7ft	161 fc	4.7 ft	8.0 ft
10.0ft	72.0 fc	7.1 ft	11.9 ft
13.3ft	40.7 fc	9.4 ft	15.9 ft
16.7ft	25.8 fc	11.8 ft	19.9 ft
20.0ft	18.0 fc	14.1 ft	23.9 ft

■ Vert. Spread: 38.9°
■ Horiz. Spread: 61.6°

340 S/Wattage (320W)



BUG rating B4 U0 G3

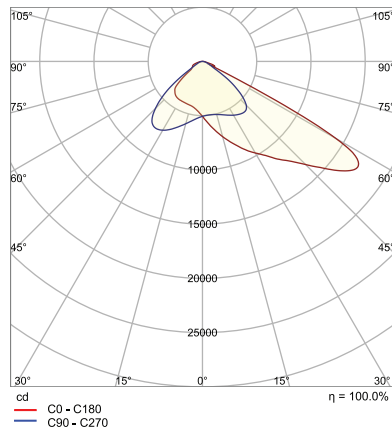


Illuminance at a Distance			
Center Beam fc		Beam Width	
3.3ft	875 fc	2.3 ft	3.9 ft
6.7ft	212 fc	4.7 ft	8.0 ft
10.0ft	95.3 fc	7.1 ft	11.9 ft
13.3ft	53.9 fc	9.4 ft	15.9 ft
16.7ft	34.2 fc	11.8 ft	19.9 ft
20.0ft	23.8 fc	14.1 ft	23.9 ft

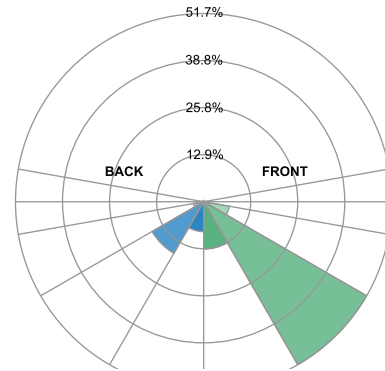
■ Vert. Spread: 38.9°
■ Horiz. Spread: 61.6°

PHOTOMETRICS

450 S/Wattage (240W)



BUG rating B3 U0 G2

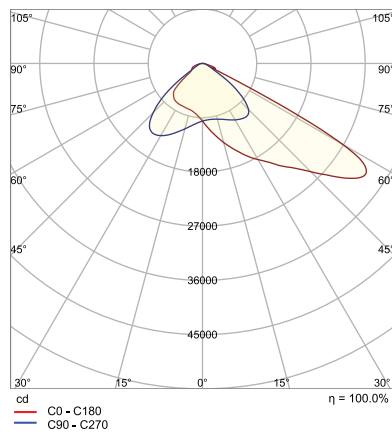


Illuminance at a Distance

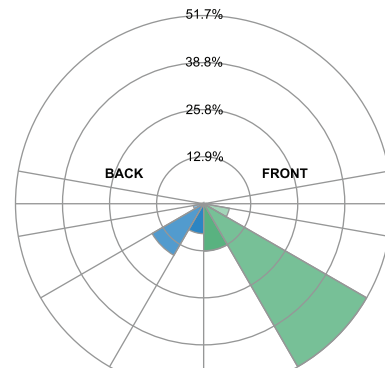
Center Beam fc	Beam Width
662 fc	2.3 ft 3.9 ft
161 fc	4.7 ft 8.0 ft
72.0 fc	7.1 ft 11.9 ft
40.7 fc	9.4 ft 15.9 ft
25.8 fc	11.8 ft 19.9 ft
18.0 fc	14.1 ft 23.9 ft

■ Vert. Spread: 38.9°
■ Horiz. Spread: 61.6°

450 S/Wattage (320W)



BUG rating B4 U0 G3

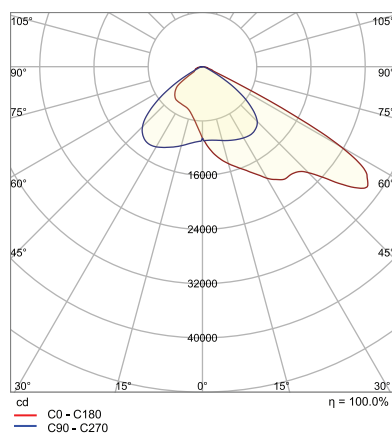


Illuminance at a Distance

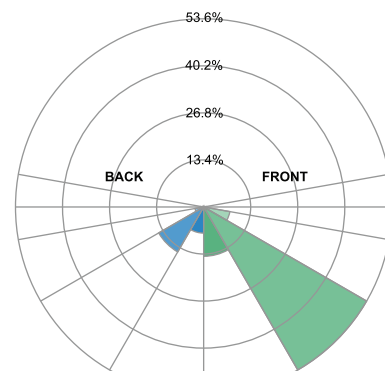
Center Beam fc	Beam Width
875 fc	2.3 ft 3.9 ft
212 fc	4.7 ft 8.0 ft
95.3 fc	7.1 ft 11.9 ft
53.9 fc	9.4 ft 15.9 ft
34.2 fc	11.8 ft 19.9 ft
23.8 fc	14.1 ft 23.9 ft

■ Vert. Spread: 38.9°
■ Horiz. Spread: 61.6°

450 S/Wattage (400W)



BUG rating B4 U0 G3



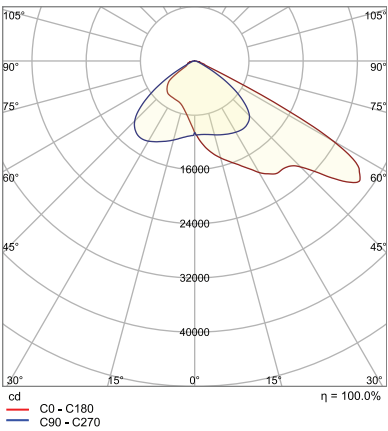
Illuminance at a Distance

Center Beam fc	Beam Width
1,355 fc	2.8 ft 4.4 ft
329 fc	5.6 ft 8.9 ft
148 fc	8.4 ft 13.3 ft
83.4 fc	11.2 ft 17.7 ft
52.9 fc	14.0 ft 22.2 ft
36.9 fc	16.8 ft 26.6 ft

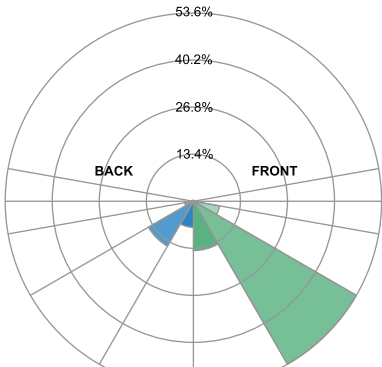
■ Vert. Spread: 45.6°
■ Horiz. Spread: 67.3°

PHOTOMETRICS

600 S/Wattage (400W)



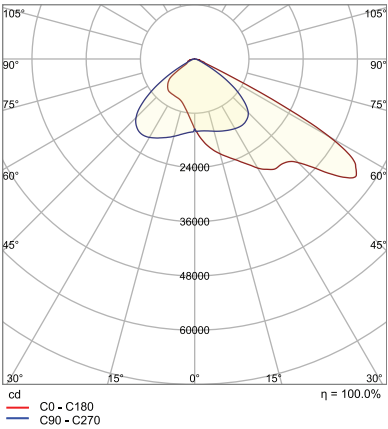
BUG rating B4 U0 G3



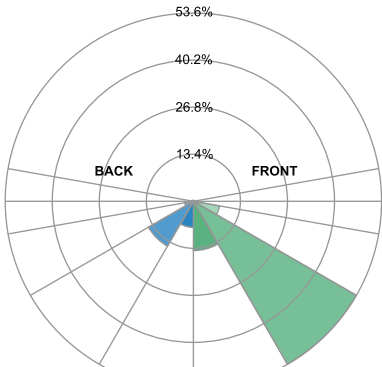
Illuminance at a Distance			
	Center Beam fc	Beam Width	
3.3ft	1,355 fc	2.8 ft	4.4 ft
6.7ft	329 fc	5.6 ft	8.9 ft
10.0ft	148 fc	8.4 ft	13.3 ft
13.3ft	83.4 fc	11.2 ft	17.7 ft
16.7ft	52.9 fc	14.0 ft	22.2 ft
20.0ft	36.9 fc	16.8 ft	26.6 ft

■ Vert. Spread: 45.6°
■ Horiz. Spread: 67.3°

600 S/Wattage (500W)



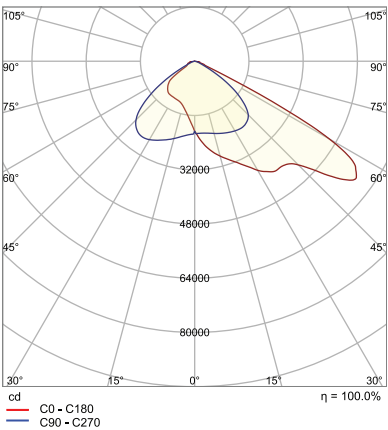
BUG rating B5 U0 G3



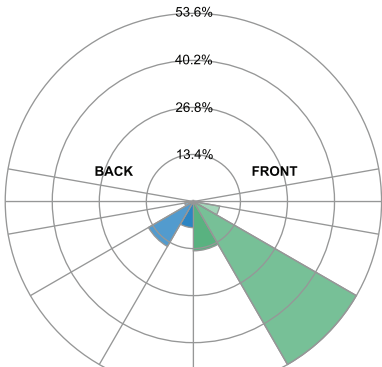
Illuminance at a Distance			
	Center Beam fc	Beam Width	
3.3ft	1,641 fc	2.8 ft	4.4 ft
6.7ft	398 fc	5.6 ft	8.9 ft
10.0ft	179 fc	8.4 ft	13.3 ft
13.3ft	101 fc	11.2 ft	17.7 ft
16.7ft	64.1 fc	14.0 ft	22.2 ft
20.0ft	44.7 fc	16.8 ft	26.6 ft

■ Vert. Spread: 45.6°
■ Horiz. Spread: 67.3°

600 S/Wattage (600W)



BUG rating B5 U0 G3



Illuminance at a Distance			
	Center Beam fc	Beam Width	
3.3ft	1,895 fc	2.8 ft	4.4 ft
6.7ft	460 fc	5.6 ft	8.9 ft
10.0ft	206 fc	8.4 ft	13.3 ft
13.3ft	117 fc	11.2 ft	17.7 ft
16.7ft	74.0 fc	14.0 ft	22.2 ft
20.0ft	51.6 fc	16.8 ft	26.6 ft

■ Vert. Spread: 45.6°
■ Horiz. Spread: 67.3°