

Site Lighting **Solutions**

LED Fixtures | Brackets | Poles



2016 Design Guide

Best in Performance

Alpha Series LED PROFESSIONAL GRADE



75-270W Site Lighter Pro

4-11

Alpha Series LED PROFESSIONAL GRADE



22-162W Power Flood Pro

14-18

Universal Bracket SYSTEM REPLACE THE FIXTURE NOT THE POLE



Universal Bracket System

12-13



Poles & Flood Brackets

19-25

Buy With Confidence

DATA CERTIFIED BY APPROVED INDEPENDENT LABORATORIES



**200,000+
HOURS**

quick SHIP



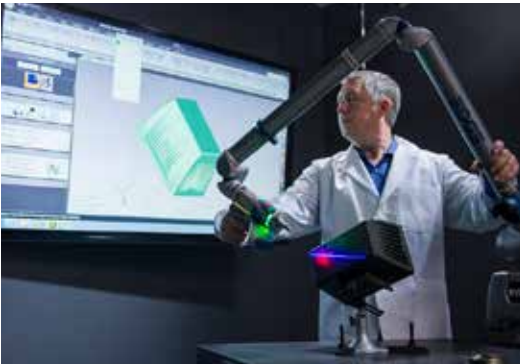


USA Manufacturing

Atlas LED fixtures are manufactured, assembled, and tested in our 330,000 sq. ft. North Carolina facility, enhancing product quality and allowing for a faster response and quicker shipping.

72 Hour LED Burn In

After assembly, all LED fixtures are burned in for a minimum of 72 hours. During burn in, fixtures are cycled on and off as well as monitored for quality.



Testing

To ensure our customers receive the best products, all materials are inspected and tested before, during and after manufacturing.

Same Day Shipping

Atlas' large inventory of finished goods and its US manufacturing facility make 24 hour shipping on stock items possible and allow for faster delivery of custom build orders.



LED Manufacturing



Best in Quality

**200,000+
HOURS**



Patent Pending Design

Housing Made of 100% Pure Aluminum with Zero Remelt

Low Profile

External Air Flow Fins Dissipate Heat

Optional Photocell

- Standard
- Programmable

**21"
175-270 Watts**

Surge Protector

Separate Driver Compartment for Cooler Operation & Longer Driver Life

Advanced Optics with Multiple Distributions

- Type III
- Type IV
- Type V
- SLX Combo
- Rotatable Optics

100+ Lumens per Watt

Bi-Level Switching & Dimming



Labor Saving - Quick Mount Universal Bracket System Fits Any Pole Patent Pending

**PHILIPS
ADVANCE**

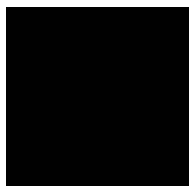
Quality LED Drivers



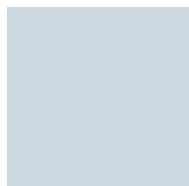
Color Options



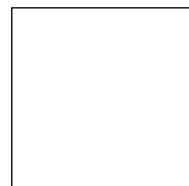
Bronze



Black



Silver



White



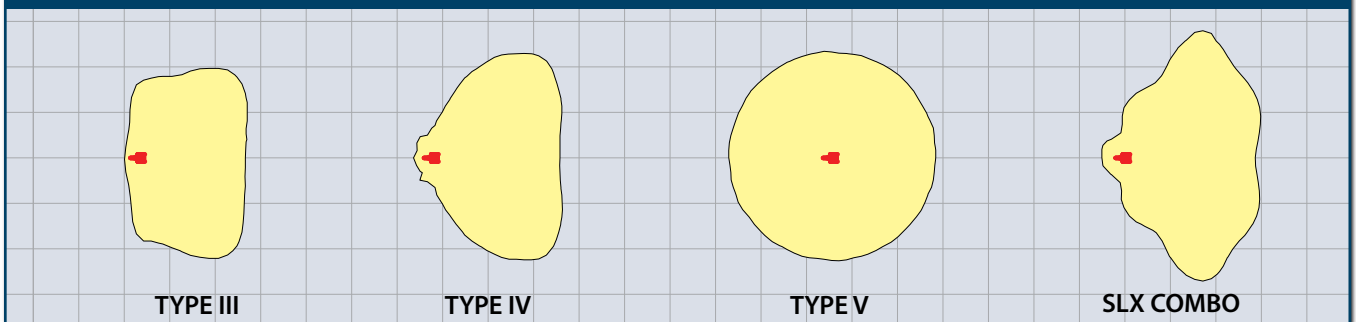


16"
75-145 Watts



- Light Bar Technology
- Optical Grade Individual Lenses
- Less Glare / Less Wasted Light
- Delivers Increased Footcandles

Multiple Distribution Patterns - Rotatable Optics



Universal Bracket Mounting System - Patent Pending



Fits Any Size Pole - See pages 12-13

Glare Shields



CATALOG #	DESCRIPTION	FINISH
SGSU16	Side Shield for SLP16	Bronze
SGSU22	Side Shield for SLP22	Bronze
BGS16	Back Glare Shield for SLP16	Bronze
BGS22	Back Glare Shield for SLP22	Bronze

TRY IT BEFORE YOU BUY IT

Unlimited Market Opportunities

There are millions of existing high wattage HID fixtures currently used in outdoor area lighting. Atlas' Site Lighter Pro LED Series adapt to any pole, provide higher light output, a quick payback and a large return on the initial investment.



Lighting Audit | Initial Upgrade Proposal



Complete Design Worksheet

Atlas Design Group Provides:

- Energy Saving Analysis
 - Annual Savings
 - 5 Year Savings
 - Compound Savings
- Maintenance Savings
- Estimated Rebate(s)
- Budget Cost Estimates

EXISTING		PROPOSED LED LIGHTS	
Quantity	100	Quantity	100
Wattage	150W	Wattage	100W
Annual Energy Cost	\$1,500	Annual Energy Cost	\$1,000
Annual Maintenance Cost	\$1,000	Annual Maintenance Cost	\$500
Total Annual Cost	\$2,500	Total Annual Cost	\$1,500
Estimated Annual Savings		Estimated Annual Savings	\$1,000
5 Year Savings		5 Year Savings	\$5,000
Compound Savings		Compound Savings	\$10,000
Total 5 Year Savings		Total 5 Year Savings	\$15,000

EXISTING		PROPOSED LED LIGHTS	
Quantity	50	Quantity	50
Wattage	150W	Wattage	100W
Annual Energy Cost	\$750	Annual Energy Cost	\$500
Annual Maintenance Cost	\$500	Annual Maintenance Cost	\$250
Total Annual Cost	\$1,250	Total Annual Cost	\$750
Estimated Annual Savings		Estimated Annual Savings	\$500
5 Year Savings		5 Year Savings	\$2,500
Compound Savings		Compound Savings	\$5,000
Total 5 Year Savings		Total 5 Year Savings	\$7,500



Trial Installation Program

- Install Up to (4) Fixtures to See Performance Before You Buy
- If not satisfied return the Fixtures within 90 days for a full credit
- Labor Credit with Approval
- Same Day Shipping

Seeing is Believing

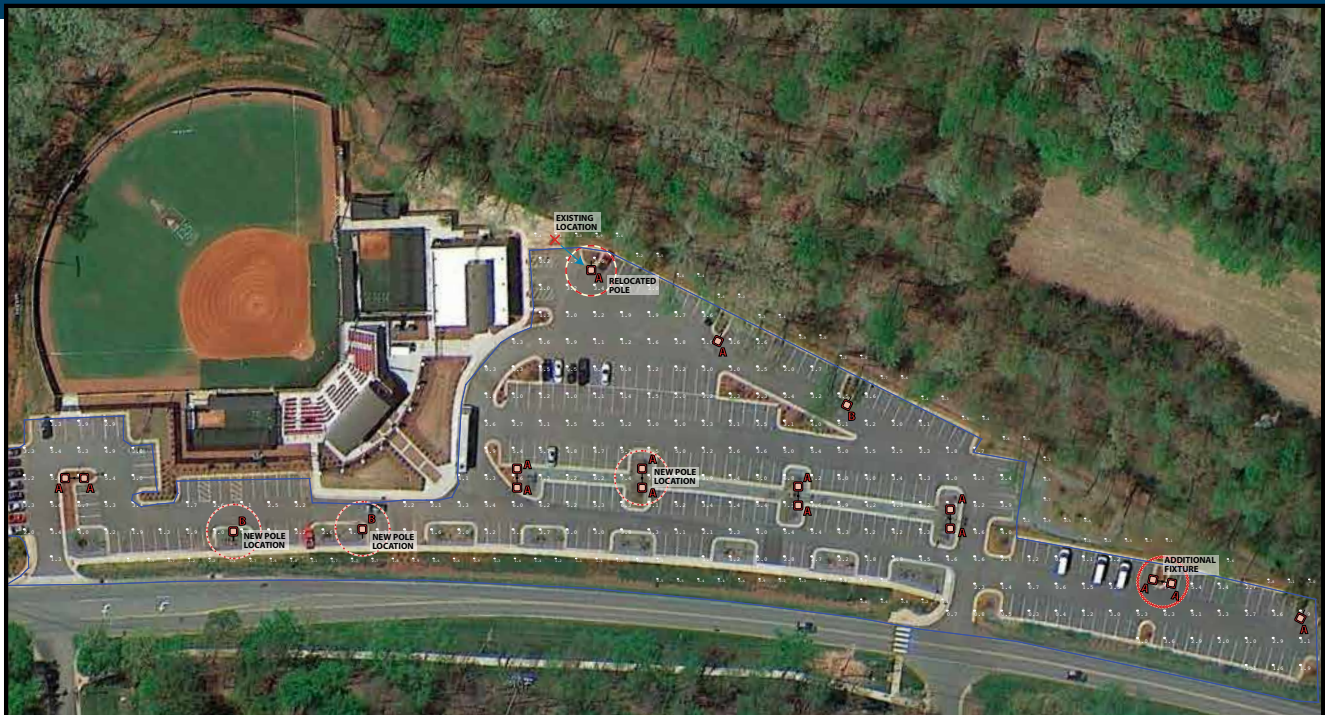
Rebate Consultation



- Determine Available Rebates
- Assistance through the Filing Process
- Availability & Rebate Amounts Vary by Utility



Detail Layout



Luminaire Schedule		Mounting Ht. 30Ft.	
Symbol	Qty	Label	Arrangement
	6	SLP22270LEDT5	2 @ 180
	3	SLP22270LEDT4	SINGLE
	3	SLP22270LEDT5	SINGLE

New Pole Locations

Relocated Pole

Revised from Single to 2 @ 180°

Customer Presentation



A customized sales presentation, outlining the energy savings and performance benefits including:

- Light Levels
- Fixture Wattages / Optics
- Mounting Recommendations
- Annual Savings
- Improvement Options
- Quotation

REPLACE THE FIXTURE NOT THE POLE

SLP16 Series



Alpha Series LED
PROFESSIONAL GRADE

LUMENS: 8,680 WATTS: 75

LUMENS PER WATT: 121

200,000+ HOURS

CCT: 4500K

CRI: 71

DIMMING: 10-100%

LUMENS: 13,180 WATTS: 120

LUMENS PER WATT: 108

200,000+ HOURS

CCT: 4500K

CRI: 73

DIMMING: 10-100%

LUMENS: 15,400 WATTS: 145

LUMENS PER WATT: 103

200,000+ HOURS

CCT: 4500K

CRI: 70

DIMMING: 10-100%

Note: Information is for Type III, others available online

FEATURES

Construction

- Separate Driver Compartment - For Cooler Operation
- Low Profile
- External Airflow Fins for Greater Heat Dissipation
- 100% Aluminum with Zero Remelt

Electrical

- 120-277V 50/60Hz Standard
- 10-100% Dimming Standard
- -30°C to 40°C Ambient Environments

Mounting (See pages 12-13)

- Change the Fixture Not the Pole
- Fits Any Existing Pole
- Multiple Brackets Available
- Die Cast Arm is Integrated in Housing

Optics

- Optical Grade Acrylic Lenses
- Light Bar Technology with Individual Optics
- High Efficiency - Up to 95%
- Delivers Increased Footcandles
- Less Glare / Less Wasted Light

Energy Data

- Philips Advance Quality LED Driver
- >0.9 Power Factor
- <20% Total Harmonic Distortion
- 120-277V/50 & 60hz, 480V/60hz
- -30°C Minimum Temperature
- 40°C Ambient Temperature Rating

Ordering Information

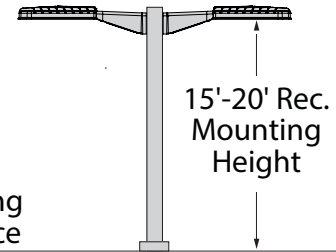
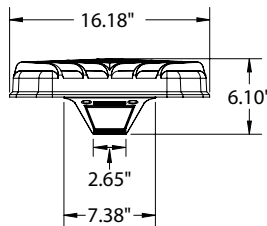
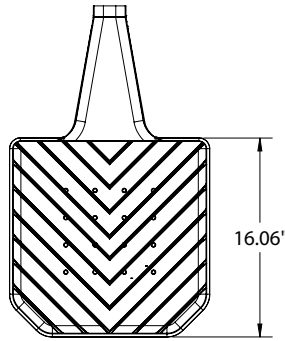
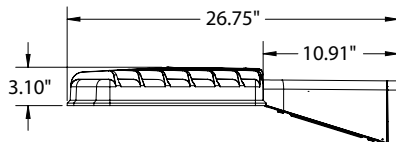
SLP16	75LED		T3	4K		U		
PRODUCT SERIES SLP16 = Site Lighter Pro 16"		FIXTURE BRACKET blank = Square Pole RP = Round Pole		COLOR TEMPERATURE 4K = 4500K		VOLTAGE U = 120-277		OPTIONS PRC = PC Receptacle 120 PR2 = PC Receptacle 208 PR3 = PC Receptacle 240 PR4 = PC Receptacle 277 PR5 = PC Receptacle 480 SP = Surge Protection
	WATTAGE 75LED = 75 System Watts 120LED = 120 System Watts 145LED = 145 System Watts		OPTIC T3 = Type III T4 = Type IV T5 = Type V SC = SLX Combo <i>Rotatable Optics: Add R for Right Facing; Add L for Left Facing</i>	CONTROLS Blank = Dimming B = Bi-Level Switching M = Motion		COLOR Blank = Bronze S = Anodized Silver B = Black W = White		



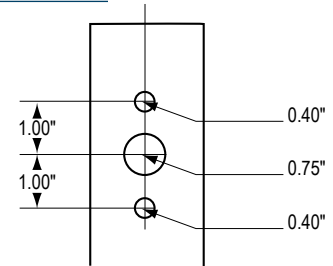
REPLACE THE FIXTURE NOT THE POLE

DIMENSIONS AND SPECIFICATIONS



Overall Height: 6.10" (15.494 cm)
Overall Width: 16.18" (41.0972 cm)
Depth: 26.75" (67.945 cm)
Weight: 20 lbs.
EPA: 0.61



MOUNTING DETAIL



MH vs **LED** COMPARISON CHART

	400W METAL HALIDE	ATLAS 145W LED
AREA LIGHTS	458 INPUT WATTS 	145 INPUT WATTS 
TOTAL YEARLY COST INC. MAINT.	\$251	\$64
TOTAL YEARLY SAVINGS	-	\$187
POTENTIAL ONE TIME REBATE	\$0	\$100
TOTAL FIRST YEAR SAVINGS	-	\$287
DOLLAR RETURN IN 3 YEARS	-	\$661

Based on 12 hours per day | \$0.10/kWh

Utility Rates & Rebates Vary by Location

75% ANNUAL SAVINGS

4 Year Payback

AVERAGE 4 YR ROI **46%**
**PHILIPS
ADVANCE**

Quality LED Drivers



For more information including
photometrics, Lighting Facts and
DLC visit www.atlasled.com



REPLACE THE FIXTURE NOT THE POLE

SLP22 Series



Alpha Series LED
PROFESSIONAL GRADE

LUMENS: 19,070 WATTS: 175

LUMENS PER WATT: 110

200,000+ HOURS

CCT: 4500K

CRI: 74

DIMMING: 10-100%

LUMENS: 23,640 WATTS: 230

LUMENS PER WATT: 103

200,000+ HOURS

CCT: 4500K

CRI: 74

DIMMING: 10-100%

LUMENS: 27,310 WATTS: 270

LUMENS PER WATT: 100

200,000+ HOURS

CCT: 4500K

CRI: 75

DIMMING: 10-100%

Note: Information is for Type III, others available online

FEATURES

Construction

- Separate Driver Compartment - For Cooler Operation
- Low Profile
- External Airflow Fins for Greater Heat Dissipation
- 100% Aluminum with Zero Remelt

Electrical

- 120-277V 50/60Hz Standard
- 10-100% Dimming Standard
- -30°C to 40°C Ambient Environments
- 480 60Hz Optional

Mounting (See pages 12-13)

- Change the Fixture Not the Pole
- Fits Any Existing Pole
- Multiple Brackets Available
- Die Cast Arm is Integrated in Housing

Optics

- Optical Grade Acrylic Lenses
- Light Bar Technology with Individual Optics
- High Efficiency - Up to 95%
- Delivers Increased Footcandles
- Less Glare / Less Wasted Light

Energy Data

- Philips Advance Quality LED Driver
- >0.9 Power Factor
- <20% Total Harmonic Distortion
- 120-277V/50 & 60hz, 480V/60hz
- -30°C Minimum Temperature
- 40°C Ambient Temperature Rating

Ordering Information

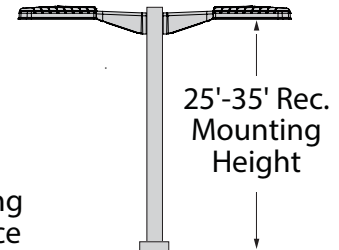
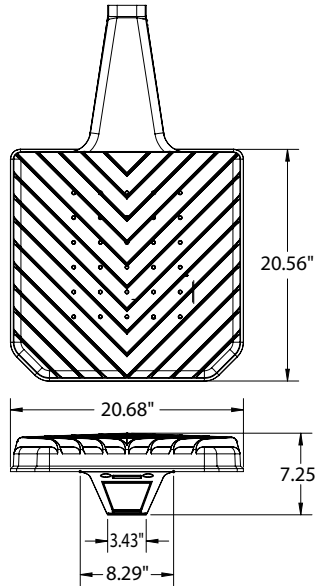
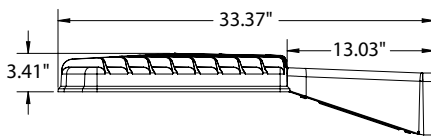
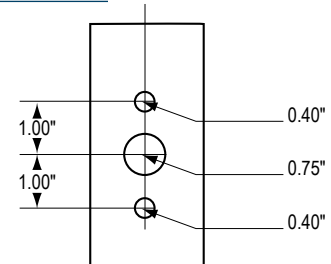
SLP22	175LED		T3R	4K		U		
PRODUCT SERIES SLP22 = Site Lighter Pro 22"		FIXTURE BRACKET blank = Square Pole RP = Round Pole		COLOR TEMPERATURE 4K = 4500K		VOLTAGE U = 120-277 4 = 480		OPTIONS PRC = PC Receptacle 120 PR2 = PC Receptacle 208 PR3 = PC Receptacle 240 PR4 = PC Receptacle 277 PR5 = PC Receptacle 480 SP = Surge Protection
	WATTAGE 175LED = 175 System Watts 230LED = 230 System Watts 270LED = 270 System Watts		OPTIC T3 = Type III T4 = Type IV T5 = Type V SC = SLX Combo <i>Rotatable Optics: Add R for Right Facing; Add L for Left Facing</i>		CONTROLS Blank = Dimming B = Bi-Level Switching M = Motion		COLOR Blank = Bronze S = Anodized Silver B = Black W = White	





REPLACE THE FIXTURE NOT THE POLE

DIMENSIONS AND SPECIFICATIONS

Overall Height: 7.25" (18.415 cm)
Overall Width: 20.68" (52.5272 cm)
Depth: 33.37" (84.7598 cm)
Weight: 31 lbs.
EPA: 0.82

**MOUNTING DETAIL****MH vs LED COMPARISON CHART**

	1000W METAL HALIDE	ATLAS 270W LED
AREA LIGHTS	1080 INPUT WATTS 	270 INPUT WATTS 
TOTAL YEARLY COST INC. MAINT.	\$523	\$118
TOTAL YEARLY SAVINGS	-	\$405
POTENTIAL ONE TIME REBATE	\$0	\$200
TOTAL FIRST YEAR SAVINGS	-	\$605
DOLLAR RETURN IN 3 YEARS	-	\$1,415

Based on 12 hours per day | \$0.10/kWh

Utility Rates & Rebates Vary by Location

77% ANNUAL SAVINGS

Less Than 3 Year Payback

AVERAGE 3 YR ROI **110%****PHILIPS
ADVANCE**

Quality LED Drivers



For more information including
 photometrics, Lighting Facts and
 DLC visit www.atlasled.com



Universal Bracket System

Standard Fixture Brackets

Square Poles



Square Pole Fixture Bracket & Mounting Hardware Included with Fixture



Round Poles

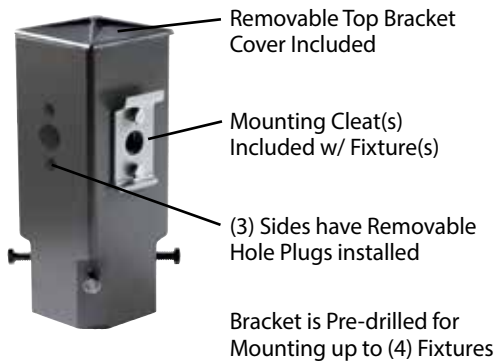


Round Pole Fixture Bracket Can Be Factory or Field Installed

Mounting Hardware Included



Square Pole Tenon Adapter - Up to 4 @ 90°



See Figure 1 for Fixture Configurations

CATALOG #	DESCRIPTION	FINISH
500-SPTABZ	For Square Poles w/ Tenon	Bronze

Square Pole Adapter Kit - Up to 3 @ 120°



See Figure 2 for Fixture Configurations

CATALOG #	DESCRIPTION	FINISH
500-4120KTbZ	For 4" Poles	Bronze
500-5120KTbZ	For 5" Poles	Bronze
500-6120KTbZ	For 6" Poles	Bronze

Square or Round Pole w/ Tenon - Up to 4 @ 90°



See Figure 1 for Fixture Configurations

CATALOG #	DESCRIPTION	FINISH
500-RPT90BZ	For Tenon Up to 4 @ 90°	Bronze

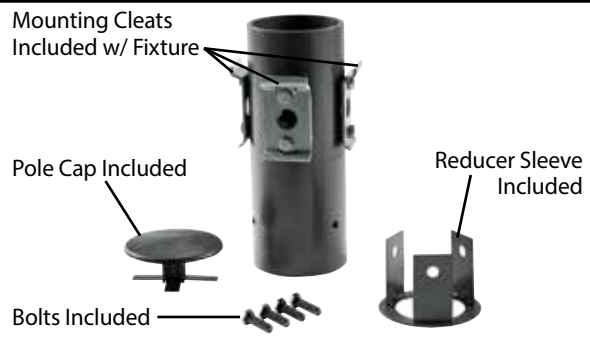
Square or Round Pole w/ Tenon - Up to 3 @ 120°



See Figure 2 for Fixture Configurations

CATALOG #	DESCRIPTION	FINISH
500-RPT120BZ	For Tenon 3 @ 120°	Bronze

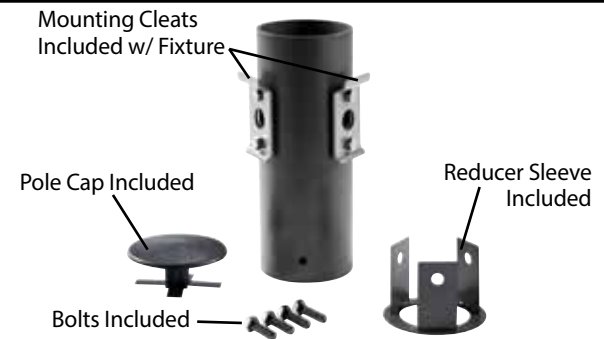
Round Pole Top Adapter - Up to 4 @ 90°



See Figure 1 for Fixture Configurations

CATALOG #	DESCRIPTION	FINISH
500-RPT243490BZ	2.3" - 3.4" Pole Top O.D.	Bronze
500-RPT35490BZ	3.5" - 4" Pole Top O.D.	Bronze


Round Pole Top Adapter - Up to 3 @ 120°



See Figure 2 for Fixture Configurations


CATALOG #	DESCRIPTION	FINISH
500-RPT2434120BZ	2.3" - 3.4" Pole Top O.D.	Bronze
500-RPT354120BZ	3.5" - 4" Pole Top O.D.	Bronze

Wall Brackets



CATALOG #	DESCRIPTION	FINISH
500-WBBZ	Wall Mount Bracket	Bronze

Wooden Pole Bracket



CATALOG #	DESCRIPTION	FINISH
500-WPBBZ	Wooden Pole Bracket	Bronze

Round Pole Drill Pattern Template

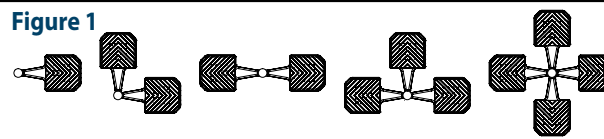


Makes Drilling Easy and Accurate on Round Poles

CATALOG #	DESCRIPTION
500-DP3120	3 @ 120°
500-DP490	4 @ 90°

Fixture Configurations - Up to 4 @ 90°

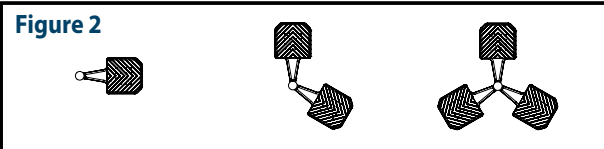
Figure 1



single 2 @ 90° 2 @ 180° 3 @ 90° 4 @ 90°

Fixture Configurations - Up to 3 @ 120°

Figure 2



single 2 @ 120° 3 @ 120°

MORE FOOTCANDLES

PFS22LED

OPTICS MATTER



Alpha Series LED
PROFESSIONAL GRADE



LUMENS: 2,049

WATTS: 22

LUMENS PER WATT: 93

CRI: 72

DIMMING: 10-100%

200,000+ HOURS



ORDERING INFORMATION

CATALOG #	DESCRIPTION	WATTS	VOLTS	CCT
PFS22LED	22W LED Power Flood Pro	22	120-277	4500K

OPTIONS

ADD SUFFIX #	DESCRIPTION
PC	120V Photocontrol
PM	208-277V Photocontrol

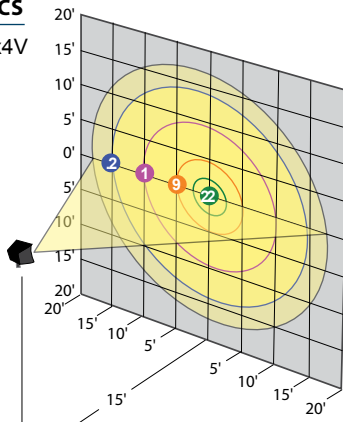
- PFS22LED - standard beam spread 60°
- NEMA type 4Hx4V (medium distribution)
- 105° optics available for wall wash and accent lighting where less intensity is required
- NEMA type 6Hx6V (extra wide distribution)

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Quality LED Drivers



PHOTOMETRICS

NEMA type 4Hx4V



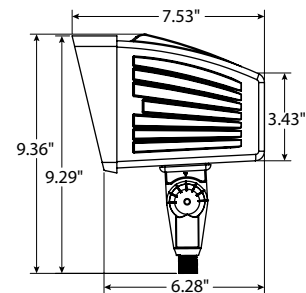
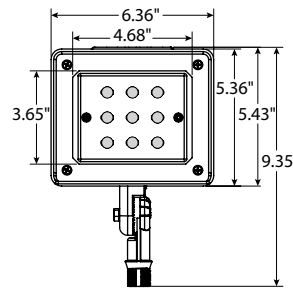
DIMENSIONS AND SPECIFICATIONS

Overall Height: 9.36"

Overall Width: 6.36"

Depth: 7.53"

Weight: 7 lbs.



LED COMPARISON CHART

100W METAL HALIDE

ATLAS 22W LED

FLOOD LIGHTS



129 INPUT WATTS



22 INPUT WATTS

TOTAL YEARLY COST INC. MAINT.

\$77

\$10

TOTAL YEARLY SAVINGS

-

\$67

POTENTIAL ONE TIME REBATE

\$0

\$20

TOTAL FIRST YEAR SAVINGS

-

\$87

DOLLAR RETURN IN 3 YEARS

-

\$221

*Based on 12 hours per day | \$0.10/kWh
Utility Rates & Rebates Vary by Location*

88% ANNUAL SAVINGS

Less Than 3 Year Payback



LUMENS: **4,274**

WATTS: **43**

LUMENS PER WATT: **98**

CRI: **72**

DIMMING: **10-100%**

200,000+ HOURS



OPTICS MATTER

PFM43LED



Alpha Series LED
PROFESSIONAL GRADE



ORDERING INFORMATION

CATALOG #	DESCRIPTION	WATTS	VOLTS	CCT
PFM43LED	43W LED Power Flood Pro	43	120-277	4500K



- PFM43LED - standard beam spread 60°
- NEMA type 4Hx4V (medium distribution)
- 105° optics available for wall wash and accent lighting where less intensity is required
- NEMA type 6Hx6V (extra wide distribution)

OPTIONS

ADD SUFFIX #	DESCRIPTION
PC	120V Photocontrol
PM	208-277V Photocontrol

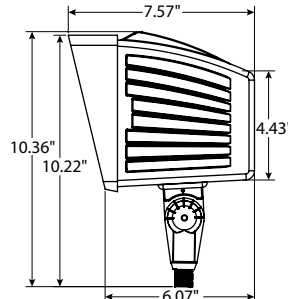
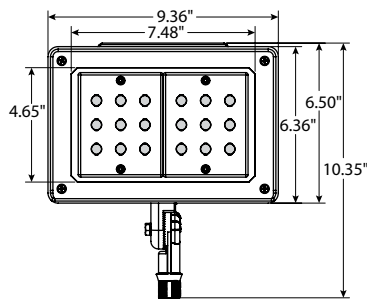
DIMENSIONS AND SPECIFICATIONS

Overall Height: 9.36"

Depth: 7.53"

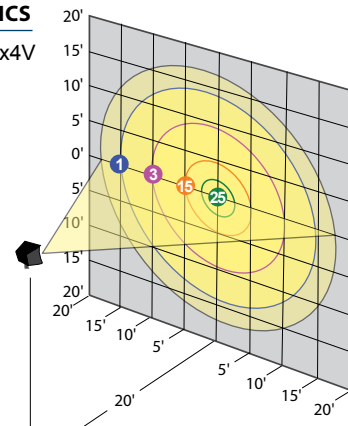
Overall Width: 6.36"

Weight: 10 lbs.



PHOTOMETRICS

NEMA type 4Hx4V



LED COMPARISON CHART

175W METAL HALIDE

ATLAS 43W LED

FLOOD LIGHTS



210 INPUT WATTS



43 INPUT WATTS

TOTAL YEARLY COST INC. MAINT.	\$112	\$19
TOTAL YEARLY SAVINGS	-	\$93
POTENTIAL ONE TIME REBATE	\$0	\$50
TOTAL FIRST YEAR SAVINGS	-	\$143
DOLLAR RETURN IN 3 YEARS	-	\$329

Based on 12 hours per day | \$0.10/kWh
Utility Rates & Rebates Vary by Location

84% ANNUAL SAVINGS

Less Than 3 Year Payback



MORE FOOTCANDLES

PFL84LED

OPTICS MATTER



Alpha Series LED
PROFESSIONAL GRADE



LUMENS: 8,016

WATTS: 84

LUMENS PER WATT: 98

CRI: 73

DIMMING: 10-100%

200,000+ HOURS



ORDERING INFORMATION

CATALOG #	DESCRIPTION	WATTS	VOLTS	CCT
PFL84LED	84W LED Power Flood Pro	84	120-277	4500K
PFL84LEDS	84W LED Power Flood Pro w/Slipfitter	84	120-277	4500K

OPTIONS

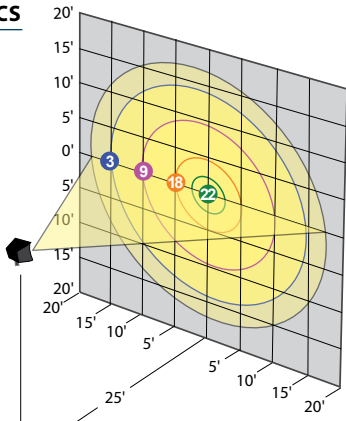
ADD SUFFIX #	DESCRIPTION
4	480V Driver
PC	120V Photocontrol
PM	208-277V Photocontrol

- PFL84LED - standard beam spread 80°
- NEMA type 5Hx5V (wide distribution)
- 105° optics available for general area lighting and wall lighting where less footcandles are required
- NEMA type 6Hx6V (extra wide distribution)

PHILIPS ADVANCE
Quality LED Drivers



PHOTOMETRICS



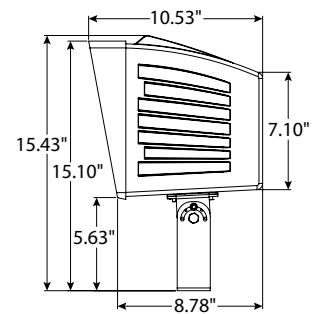
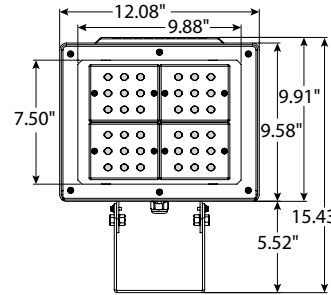
DIMENSIONS AND SPECIFICATIONS

Overall Height (Trunion): 15.43"

Depth: 10.53"

Overall Width: 12.08"

Weight (Trunion): 20 lbs.



LED COMPARISON CHART

400W METAL HALIDE

ATLAS 84W LED

FLOOD LIGHTS



458 INPUT WATTS



84 INPUT WATTS

TOTAL YEARLY COST INC. MAINT.

\$226

\$37

TOTAL YEARLY SAVINGS

-

\$189

POTENTIAL ONE TIME REBATE

\$0

\$50

TOTAL FIRST YEAR SAVINGS

-

\$239

DOLLAR RETURN IN 3 YEARS

-

\$617

*Based on 12 hours per day | \$.10/kWh
Utility Rates & Rebates Vary by Location*

84% ANNUAL SAVINGS

Less Than 3 Year Payback



LUMENS: 12,210**WATTS: 126****LUMENS PER WATT: 99****CRI: 73****DIMMING: 10-100%****200,000+
HOURS****OPTICS MATTER****PFXL126LED****Alpha Series LED**
PROFESSIONAL GRADE**ORDERING INFORMATION**

CATALOG #	DESCRIPTION	WATTS	VOLTS	CCT
PFXL126LED	126W LED Power Flood Pro	126	120-277	4500K
PFXL126LEDs	126W LED Power Flood Pro w/Slipfitter	126	120-277	4500K

PHILIPS
ADVANCE
Quality LED Drivers

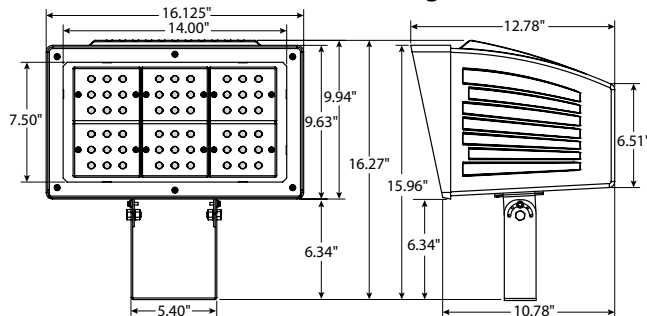
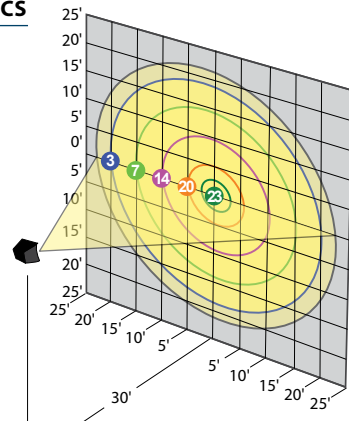
- PFXL126LED - standard beam spread 80°
- NEMA type 5Hx5V (wide distribution)
- 105° optics available for general area lighting and wall lighting where less footcandles are required
- NEMA type 6Hx6V (extra wide distribution)

OPTIONS

ADD SUFFIX #	DESCRIPTION
4	480V Driver
PC	120V Photocontrol
PM	208-277V Photocontrol

DIMENSIONS AND SPECIFICATIONS

Overall Height (Trunion): 16.27" **Depth: 12.78"**
Overall Width: 16.125" **Weight (Trunion): 30 lbs.**

**PHOTOMETRICS****LED COMPARISON CHART****400W METAL HALIDE****ATLAS 126W LED****FLOOD LIGHTS****458 INPUT WATTS****126 INPUT WATTS**

TOTAL YEARLY COST INC. MAINT.	\$226	\$55
TOTAL YEARLY SAVINGS	-	\$171
POTENTIAL ONE TIME REBATE	\$0	\$50
TOTAL FIRST YEAR SAVINGS	-	\$221
DOLLAR RETURN IN 3 YEARS	-	\$563

Based on 12 hours per day | \$.10/kWh
 Utility Rates & Rebates Vary by Location

76% ANNUAL SAVINGS**Less Than 3 Year Payback**

MORE FOOTCANDLES

PFXL162LED

OPTICS MATTER



Alpha Series LED
PROFESSIONAL GRADE



LUMENS: 14,870

WATTS: 162

LUMENS PER WATT: 89

CRI: 73

DIMMING: 10-100%

200,000+ HOURS



ORDERING INFORMATION

CATALOG #	DESCRIPTION	WATTS	VOLTS	CCT
PFXL162LED	162W LED Power Flood Pro	162	120-277	4500K
PFXL162LEDS	162W LED Power Flood Pro w/Slipfitter	162	120-277	4500K

OPTIONS

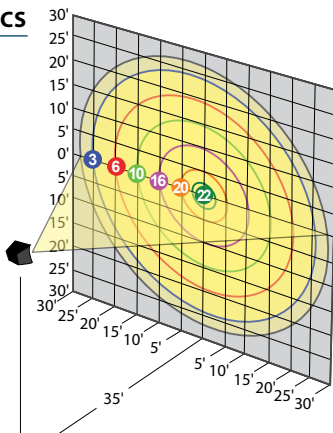
ADD SUFFIX #	DESCRIPTION
4	480V Driver
PC	120V Photocontrol
PM	208-277V Photocontrol

- PFXL162LED - - standard beam spread 80°
- NEMA type 5Hx5V (wide distribution)
- 105° optics available for general area lighting and wall lighting where less footcandles are required
- NEMA type 6Hx6V (extra wide distribution)

PHILIPS ADVANCE
Quality LED Drivers

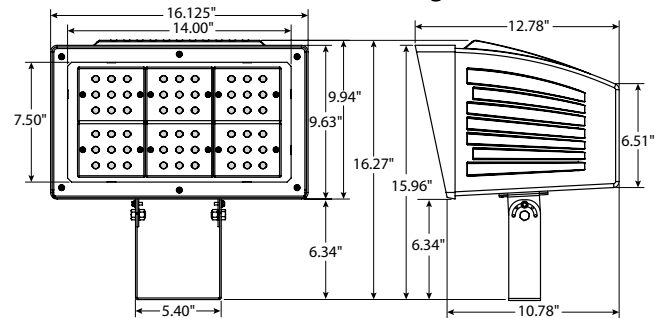


PHOTOMETRICS



DIMENSIONS AND SPECIFICATIONS

Overall Height (Trunion): 16.27" **Depth: 12.78"**
Overall Width: 16.125" **Weight (Trunion): 30 lbs.**



LED COMPARISON CHART

1000W METAL HALIDE

ATLAS 162W LED

FLOOD LIGHTS



1080 INPUT WATTS



162 INPUT WATTS

TOTAL YEARLY COST INC. MAINT.

\$513

\$71

TOTAL YEARLY SAVINGS

-

\$442

POTENTIAL ONE TIME REBATE

\$0

\$50

TOTAL FIRST YEAR SAVINGS

-

\$492

DOLLAR RETURN IN 3 YEARS

-

\$1,376

*Based on 12 hours per day | \$.10/kWh
Utility Rates & Rebates Vary by Location*

87% ANNUAL SAVINGS

Less Than 2 Year Payback



RSR Brackets



CATALOG #	DESCRIPTION	FINISH	WT./LBS.
500-015BZ	2 In Line RSR Bracket	Bronze	20
500-016BZ	3 @ 120° RSR Bracket	Bronze	39
500-027BZ	4 @ 90° RSR Bracket	Bronze	48

CONFIGURATION	EPA RATING	WEIGHT
DOUBLE 	1.92	20 lbs.
TRIPLE @ 120° 	2.91	39 lbs.
QUAD @ 90° 	2.49	48 lbs.

Bullhorn Brackets



CATALOG #	DESCRIPTION	FINISH	WT./LBS.
500-011BZ	2 In Line Bullhorn	Bronze	20
500-012BZ	3 In Line Bullhorn	Bronze	31
500-052BZ	3 @ 120° Bullhorn	Bronze	33
500-022BZ	4 @ 90° Bullhorn	Bronze	43

CONFIGURATION	EPA RATING	WEIGHT
DOUBLE 	1.35	20 lbs.
TRIPLE @ 120° 	2.0	33 lbs.
TRIPLE 	2.5	31 lbs.
QUAD @ 90° 	1.79	43 lbs.

Side Mount Brackets



500-018BZ 500-050BZ 500-054BZ 500-055BZ 500-060G

CATALOG #	DESCRIPTION	FINISH	STD. PKG.
500-018BZ	Right Angle Bracket (for Wall)	Bronze	1
500-050BZ	Right Angle Bracket (for Pole)	Bronze	1
500-054BZ	4" Side Tenon Mount Bracket	Bronze	1
500-055BZ	8" Side Tenon Mount Bracket	Bronze	1
500-060G	Side Angle Bracket	Galvanized	1

Misc. Brackets



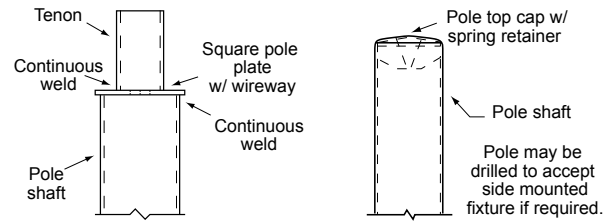
500-006G 500-007G 500-082BZ 320-035BZ 280-032

CATALOG #	DESCRIPTION	WT./FINISH	LBS.
500-006G	Cross Arm Bracket-Steel	Galvanized	14
500-007G	Single Flood Light Bracket	Galvanized	15
500-082BZ	Post-Top Fitter for Knuckle	Bronze	1.2
320-035BZ	Slipfitter for Trunion Mount	Bronze	1.0
280-032	Adjustable Post Top Fitter	Bronze	1.2

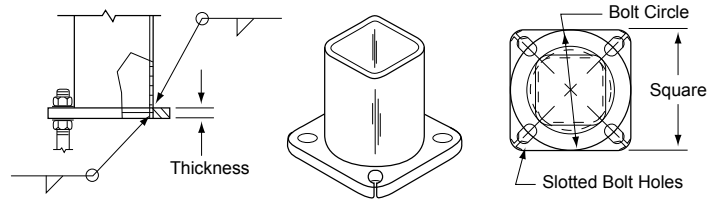
For Poles See Pages 20-25



POLE TIP DETAILS



POLE BASE DETAILS

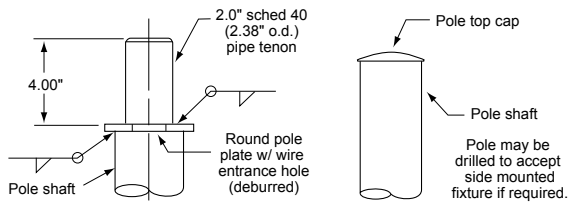


ORDERING INFORMATION

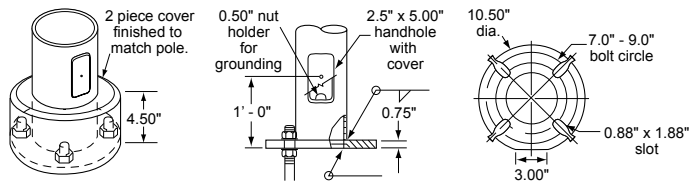
NOMINAL MOUNTING HEIGHT (FT)	CATALOG NUMBER	SHAFT			POLE BASE			MAXIMUM LOADING					
		BASE WIDTH (IN)	WALL THK. (GA)	GROSS WEIGHT (LBS)	BOLT CIRCLE RANGE*	PLATE WIDTH (IN)	PLATE THK. (IN)	80MPH		90MPH		100MPH	
								EPA (FT ²)	WEIGHT (LBS)	EPA (FT ²)	WEIGHT (LBS)	EPA (FT ²)	WEIGHT (LBS)
10	SSS10411BZ	4	11	79	8 to 9	8	0.75	30.5	763	23.5	588	18.5	463
12	SSS12411BZ	4	11	92	8 to 9	8	0.75	23.5	588	18	450	13.5	338
14	SSS14411BZ	4	11	105	8 to 9	8	0.75	20	500	15	375	11.5	288
16	SSS16411BZ	4	11	118	8 to 9	8	0.75	14	350	9.5	238	6.5	163
18	SSS18411BZ	4	11	131	8 to 9	8	0.75	12	300	8.5	213	5.5	138
20	SSS20411BZ	4	11	144	8 to 9	8	0.75	10.5	263	7	175	5	125
20	SSS20507BZ	5	7	285	10 to 12	11	1	29.5	738	22.0	550	17	425
20	SSS20511BZ	5	11	195	10 to 12	11	1	18.5	463	13.5	338	9.5	238
25	SSS25411BZ	4	11	182	8 to 9	8	0.75	5.5	138	3	75	1.5	38
25	SSS25407BZ	4	7	270	8 to 9	8	0.75	10.5	263	7	175	4.5	113
25	SSS25511BZ	5	11	236	10 to 12	11	1	11	275	7	175	4.5	113
25	SSS25507BZ	5	7	349	10 to 12	11	1	19.5	488	13.5	338	9.5	238
30	SSS30407BZ	4	7	291	8 to 9	8.25	0.75	6.7	168	4.4	110	2.6	65
30	SSS30511BZ	5	11	277	10 to 12	11	1	5.5	138	2.5	63	0.5	13
30	SSS30507BZ	5	7	308	10 to 12	11	1	12.5	313	8	200	5	125
30	SSS30607BZ	6	7	494	11 to 13	12.5	1	21	525	14.5	363	9.5	238
35	SSS35507BZ	5	7	481	10 to 12	12.5	1	7.5	188	4	100	1	25
35	SSS35607BZ	6	7	570	11 to 13	12.5	1	14	350	8.5	213	4.5	113
40	SSS40607BZ	6	7	646	11 to 13	12.5	1	8.5	213	4	100	0.5	13

*Consult factory for specific bolt circle measurements.

POLE TIP DETAILS



POLE BASE DETAILS



ORDERING INFORMATION

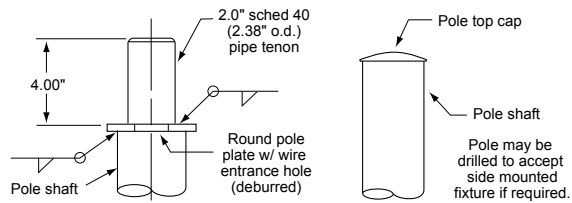
NOMINAL MOUNTING HEIGHT (FT)	CATALOG NUMBER	SHAFT			POLE BASE		MAXIMUM LOADING					
		BASE WIDTH (IN)	TOP O.D. (IN)	WALL THK. (GA)	BOLT CIRCLE DIA. (IN)	PLATE THK. (IN)	80MPH		90MPH		100MPH	
							EPA (FT ²)	WEIGHT (LBS)	EPA (FT ²)	WEIGHT (LBS)	EPA (FT ²)	WEIGHT (LBS)
20	RTS20511BZ	5.9	3.1	11	9	10	19.3	482	15.1	377	12.2	305
20	RTS20611BZ	6.5	3.7	11	9.5	10.5	24.2	605	19.3	482	15.6	390
25	RTS25611BZ	5.9	2.4	11	9	10	12.5	312	9.9	247	8	200
25	RTS25711BZ	7	3.5	11	10	10.88	20.3	507	16.2	405	13.1	327
25	RTS25707BZ	7	3.5	7	10	10.88	30.5	760	24	625	19.8	495
30	RTS30611BZ	6.6	2.4	11	9.5	10.5	11.7	292	9.3	232	7.5	187
30	RTS30811BZ	8	3.8	11	11	11.5	18.9	473	14.9	373	12	300
30	RTS30807BZ	8	3.8	7	11	11.5	33.5	838	27	675	22	550
35	RTS35711BZ	7.3	2.4	11	10.5	11.25	11.2	280	8.9	222	7.1	177
35	RTS35811BZ	8.5	3.6	11	11.5	12	18.9	472	15.1	377	12.2	305
35	RTS35911BZ	9.5	4.6	11	13	13	23.2	580	18.2	455	14.5	363
39	RTS39711BZ	7.8	2.4	11	11	11.5	10.7	267	8.5	212	6.6	165
39	RTS39911BZ	9	3.6	11	12.5	12.38	17.2	430	13.5	338	10.8	270
39	RTS39907BZ	9	3.6	7	12.5	12.38	28.5	715	23	575	19	475

*Consult factory for specific bolt circle measurements.

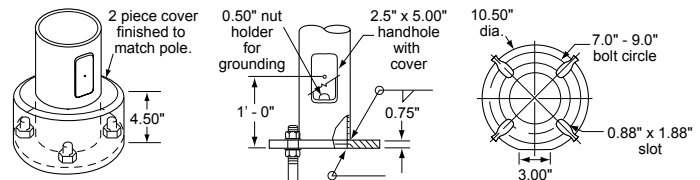
For Area Light Brackets See Pages 12-13 | For Flood Light Brackets See Page 19



POLE TIP DETAILS



POLE BASE DETAILS

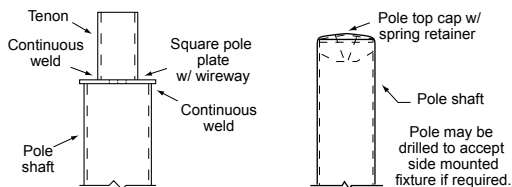


ORDERING INFORMATION

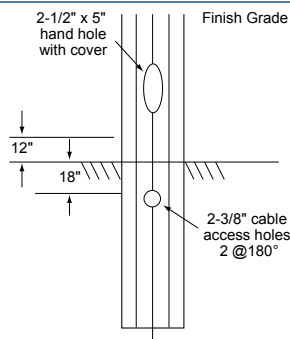
NOMINAL MOUNTING HEIGHT (FT)	CATALOG NUMBER	SHAFT		POLE BASE			MAXIMUM LOADING			
		BASE WIDTH (IN)	WALL THK. (GA)	BOLT CIRCLE DIA. (IN)*	PLATE WIDTH (IN)	PLATE THK. (IN)	80MPH	90MPH	100MPH	110MPH
12	RTA120411BZ	4	11	6.5 to 8.26	8.75	1.25	7.8	5.6	4.2	3.3
12	RTA120507BZ	5	7	7.5 to 9.5	9.25	1.25	20.2	15.6	12.4	10
14	RTA140411BZ	4	11	6.5 to 8.26	8.75	1.25	5.8	4	2.8	2.1
14	RTA140511BZ	5	11	7.5 to 9.5	9.25	1.25	10.5	7.8	6	4.7
14	RTA140515BZ	5	15	7.5 to 9.5	9.25	1.25	13.4	10.1	7.9	6.2
14	RTA140507BZ	5	7	7.5 to 9.5	9.25	1.25	16.1	12.4	9.6	7.8
16	RTA160411BZ	4	11	6.5 to 8.26	8.75	1.25	4.1	2.7	1.8	1.1
16	RTA160507BZ	5	7	7.5 to 9.5	9.25	1.25	12.9	9.8	7.5	6
16	RTA160607BZ	6	7	8.75 to 10.25	10.25	1.25	20	15.8	12.6	10.2
18	RTA180507BZ	5	7	7.5 to 9.5	9.25	1.25	8.2	7.6	5.8	4.5
18	RTA180607BZ	6	7	8.75 to 10.26	10.25	1.25	16.8	12.9	10.2	8.2
20	RTA200511BZ	5	11	7.5 to 9.5	9.25	1.25	4.6	2.9	1.9	1.2
20	RTA200507BZ	5	7	7.5 to 9.7	9.25	1.25	8.7	6.1	4.5	3.3
20	RTA200607BZ	6	7	8.75 to 10.26	10.25	1.25	14.4	10.8	8.5	6.8
23	RTA230607BZ	6	7	8.75 to 10.27	10.25	1.25	10.6	7.8	6	4.7
23	RTA230807BZ	8	7	11 to 12.125	11.25	1.25	24.4	18.8	15.1	12.1
25	RTA250607BZ	6	7	8.75 to 10.27	10.25	1.25	8.6	6.1	4.6	3.5
25	RTA250807BZ	8	7	11 to 12.125	11.25	1.25	21.2	16.2	12.8	10.4
28	RTA280807BZ	8	7	11 to 12.125	11.25	1.25	16.9	12.9	10.1	8
30	RTA300807BZ	8	7	11 to 12.125	11.25	1.25	14.6	11.1	8.6	6.7
33	RTA330807BZ	8	7	11 to 12.125	11.25	1.25	11.5	8.5	6.5	4.9
35	RTA350807BZ	8	7	11 to 12.125	11.25	1.25	9.8	7.1	5.3	4
37	RTA370807BZ	8	7	11 to 12.125	11.25	1.25	8.1	5.8	4.2	3.1
39	RTA390807BZ	8	7	11 to 12.125	11.25	1.25	6.6	4.6	3.2	2.1

*Consult factory for specific bolt circle measurements.

POLE TIP DETAILS



POLE BASE DETAILS



ORDERING INFORMATION

NOMINAL MOUNTING HEIGHT (FT)	CATALOG NUMBER	SECTION		SHAFT LENGTH (FT)	MAXIMUM LOADING				
		BASE WIDTH (IN)	TOP O.D. (IN)		80MPH	90MPH	100MPH	110MPH	120MPH
					EPA (FT²)	EPA (FT²)	EPA (FT²)	EPA (FT²)	EPA (FT²)
15	RTF18603TEBZDS	6.56	3	18	4	2.8	2	2	1.2
16	RTF20804TEBZDS	8.68	4.41	20	6.5	5.0	3.5	3.5	2
20	RTF24904TEBZDS	9.59	4.41	24	6.5	5	3.5	3.5	2
20	RTF251004TEBZDS	10	4.41	25	6.2	4.7	3	3	1.5
25	RTF301004TEBZDS	10.8	4.41	30	8	7	5	5	4.5
30	RTF351104TEBZDS	11.97	4.41	35	6	4.5	3.5	3.5	1.5
35	RTF401304TEBZDS	12.93	4.41	40	6	4.5	3.5	3.5	1.8
40	RTF461404TEBZDS	14.32	4.41	46	6	4.5	3.5	3.5	2
44	RTF501504TEBZDS	15.04	4.41	50	6.5	5	3.5	3.5	3

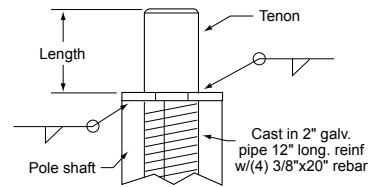
*Consult factory for specific bolt circle measurements.



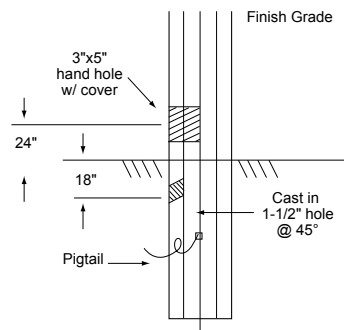
For Area Light Brackets See Pages 60-61



POLE TIP DETAILS



POLE BASE DETAILS



ORDERING INFORMATION

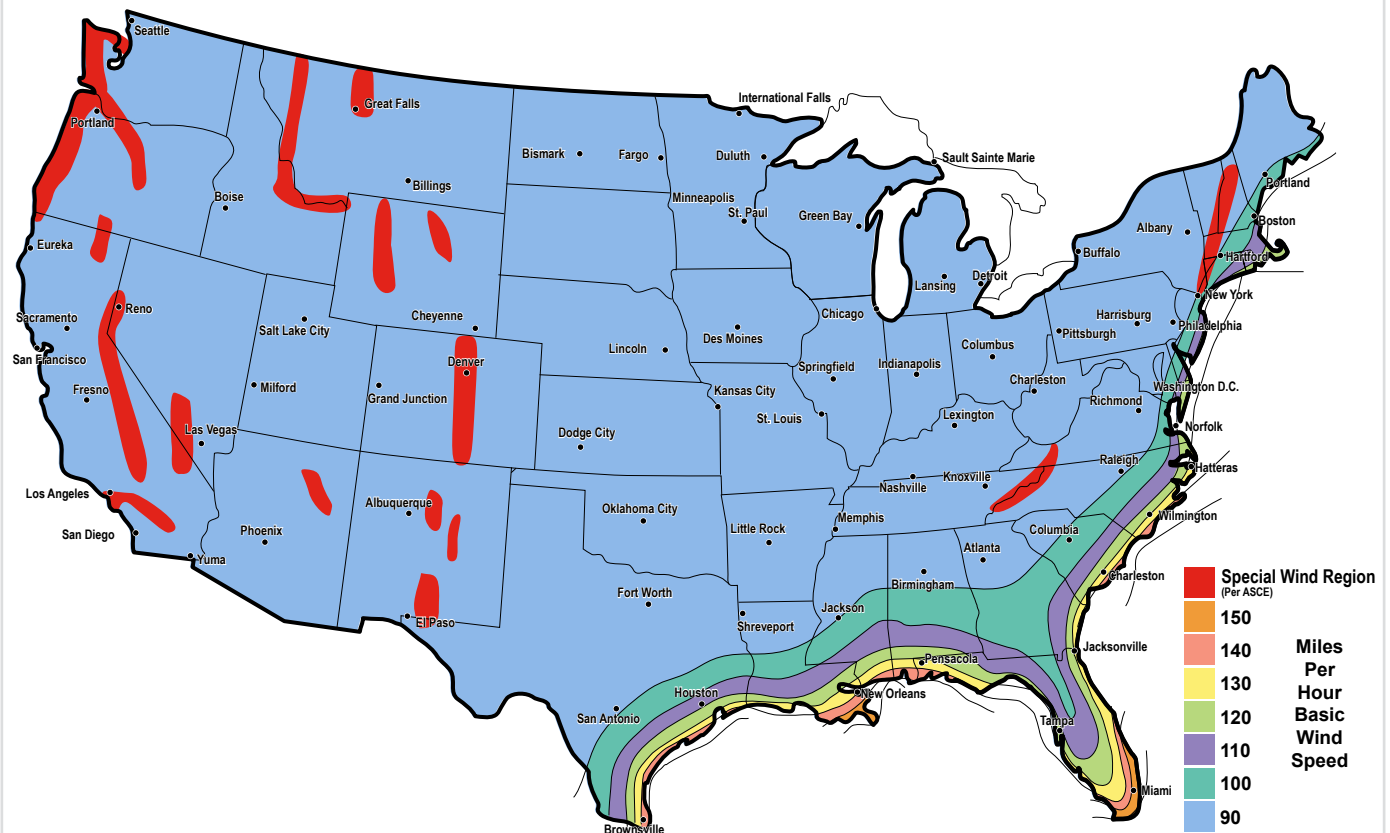
NOMINAL MOUNTING HEIGHT (FT)	CATALOG NUMBER	SECTION		WEIGHT (LBS)	EMBED. LENGTH (FT. IN)	MAXIMUM LOADING			
		BASE WIDTH (IN)	TOP O.D. (IN)			80MPH	90MPH	100MPH	110MPH
						EPA (FT²)	EPA (FT²)	EPA (FT²)	EPA (FT²)
11	STC15704TEDS	6.5	4	446	4	29	22	17	13
16	STC20704TEDS	7.3	4	687	4	22	16	13	10
20	STC25804TEDS	8	4	1008	5	21	16	12	9
25	STC30904TEDS	9	4	1370	5	20	15	11	8
30	STC351004TEDS	9.8	4	1832	5	17	12	8	6
35	STC401104TEDS	10.6	4	2320	5	45	28	20	14
39	STC4051306TEDS	13.4	6	4207	6	30	22	19	11
43	STC501506TEDS	14.3	6	5500	7	32	22	13	7
47	STC551506TEDS	15.1	6	6603	8	32	22	13	7

*Consult factory for specific bolt circle measurements.

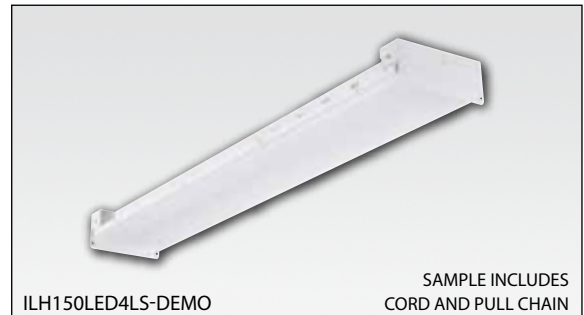


S	S	S	20	-	4	-	11	-	T		-	BZ	3
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>SHAPE</p> <p>S = Square</p> <p>R = Round</p> </div> <div style="width: 15%;"> <p>STRUCTURE</p> <p>S = Steel</p> <p>A = Aluminum</p> <p>C = Concrete</p> <p>F - Fiberglass</p> </div> <div style="width: 15%;"> <p>DIAMETER/ WIDTH (IN)*</p> <p>4 = 4 in</p> <p>5 = 5 in</p> <p>6 = 6 in</p> <p><i>*Other sizes available</i></p> </div> <div style="width: 15%;"> <p>TENON DETAIL</p> <p>T = Welded</p> <p>Blank = None</p> </div> <div style="width: 15%;"> <p>COLOR*</p> <p>BZ = Bronze</p> <p>W = White</p> <p>S = Anodized Silver</p> <p>B = Black</p> </div> </div>													
<div style="display: flex; justify-content: space-between;"> <div style="width: 15%;"> <p>SHAFT</p> <p>S = Straight</p> <p>T = Tapered</p> </div> <div style="width: 15%;"> <p>HEIGHT (FT)*</p> <p>15 = 15 ft</p> <p>20 = 20 ft</p> <p>25 = 25 ft</p> <p>30 = 30 ft</p> <p><i>*Other sizes available</i></p> </div> <div style="width: 15%;"> <p>GAUGE (IN)</p> <p>11 = 11 in</p> <p>07 = 07 in</p> </div> <div style="width: 15%;"> <p>BASE DETAIL</p> <p>E = Embedded</p> <p>Blank = Anchor</p> </div> <div style="width: 15%;"> <p>DRILL PATTERN</p> <p>1 = 1</p> <p>2 = 2 @ 90°</p> <p>3 = 2 @ 180°</p> <p>4 = 3 @ 90°</p> <p>5 = 4 @ 90°</p> <p>6 = Drop Mount</p> </div> </div>													

To help in the selection of a pole with regard to its location, this wind map has been included. The EPA rating of the pole must be equal or greater than that of the fixture(s), taking into consideration the wind conditions at the geographic location.



Free Working Display Samples



Merchandising & Sales Aids



Catalog & Brochures



Banner



Counter Mat



Glare Free **LED** Lighting

Bay Lighter **Pro**

Linear Series **LED**
FLUORESCENT REPLACEMENT



200,000+
HOURS

104W - 210W

Smooth & Uniform Light
Three High Lumen Packages
Available With & Without Lens

Wet Location

Linear Series **LED**
INDUSTRIAL WET LOCATION



200,000+
HOURS

25W - 130W

Smooth & Uniform Light
High Lumens per Watt
Durable Composite Housing

Wall Pak **Pro**

Alpha Series **LED**
PROFESSIONAL GRADE

13W - 102W



Labor Saving Quick & Secure Mounting

Zero Glare

Replaces 50-400W MH

200,000+
HOURS

Wall Lights

Classic Series **LED**
TRADITIONAL HID REPLACEMENT



27W - 64W

Familiar Design - Known Applications

Glare Free

Replaces 50-400W MH

200,000+
HOURS

Canopy

Classic Series **LED**
TRADITIONAL HID REPLACEMENT



56W

43W



Glare Free

Replaces up to 175W MH

200,000+
HOURS

Dusk to Dawn

Security Series **LED**
TRADITIONAL HID REPLACEMENT



42W

Glare Free

Replaces up to 175W MV

50,000+
HOURS





PO Box 2348 | Burlington, NC 27216
1406 S. Mebane Street | Burlington, NC 27215
800-849-8485 | fax 336-227-0110
www.atlasled.com