## LED FLOOD LIGHTING, AREA LIGHTING & POLES

EAGLE - AREA LIGHTS | POLES | INDEPENDENCE FLOODS OPTIC FLOODS | EXTRA-WIDE FLOODS | EXTREME FLOODS

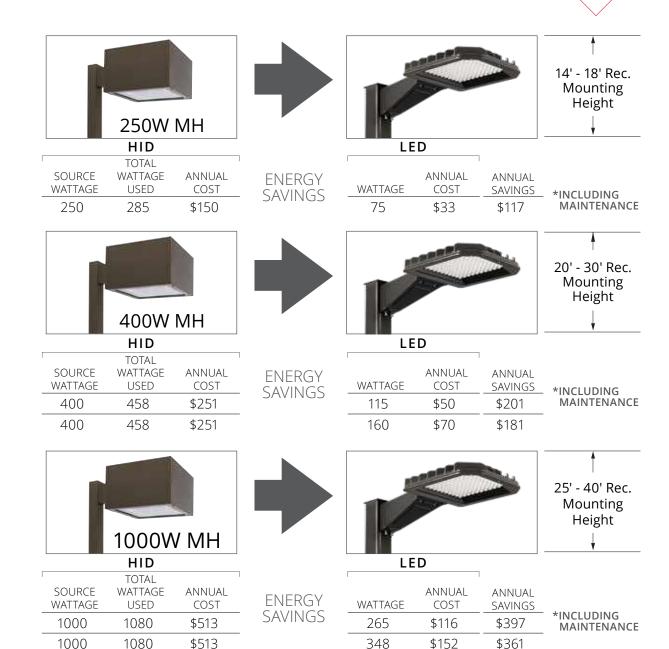
Delivering Quality Light Better



### AREALIGHT EAGLE SERIES



# REPLACE THE FIXTURE, NOT THE POLE EASY RETROFIT



#### Quick & Easy Installation



Remove existing fixture. Install cleat (or bracket) to pole.



Slide fixture onto cleat.



Tighten bottom bolts and complete wiring.







- Easy to install, easy to maintain
- · Optical Grade Individual Lenses
- · Delivers Increased Footcandles
- · Less Glare & Less Wasted Light

#### ORDERING FORMAT\_

SLPS PRODUCT SERIES SLPS = 2nd Generation Site Lighter Pro LUMEN PACKAGE

6L = 6,000 Lumens 9L = 9,000 Lumens 12L = 12,000 Lumens

12L

DISTRIBUTION T2 = Type 2T5 = Type 5 FT = Forward Throw T2L = Type 2 Rotated Left

FTL = Forward Throw Rotated Left T2R = Type 2 Rotated Right FTR = Forward Throw Rotated Right

T2

4K COLOR TEMP. 4K = 4000K 45K = 4500K 5K = 5000K

> VOLTAGE Blank = 120-277 4 = 347/480

DIMMING

Blank = 0-10VDC

**OPTIONS** 

PR = 7 Pin Photocell Receptacle SP = Surge Protection IC = Integrated Motion Control BTM = Bluetooth Microwave Motion Control

COLOR Blank = Bronze S = Anodized Silver B = Black W = White

#### **ENERGY SAVINGS** —

	LE	D		HID		
ANNUAL WATTAGE COST		SOURCE WATTAGE	TOTAL WATTAGE USED	ANNUAL COST	ANNUAL SAVINGS	
	39	\$17	175	210	\$112	<del></del>
	58	\$25	175	210	\$112	\$87
	75	\$33	250	285	\$150	\$117







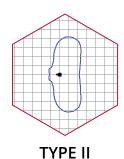


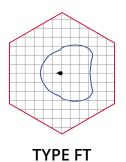


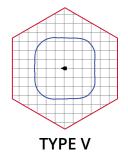
<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components

# 2 N D G E N E R A T I O N E A G L E SERIES - SMALL

#### MULTIPLE DISTRIBUTION PATTERNS - ROTATABLE OPTICS \_\_\_\_\_\_







#### PERFORMANCE \_\_\_\_\_

Lumen	LUMEN PACKAGE DISTRIBUTION CRI		4000K CCT		4500K CCT			5000K CCT			
PACKAGE		CRI	Delivered Lumens	EFFICACY (LPW)	Wattage	Delivered Lumens	EFFICACY (LPW)	Wattage	Delivered Lumens	EFFICACY (LPW)	Wattage
	T2	70	6297	154	41.0	6288	153	41.0	6288	153	41.0
6L	FT	70	6005	146	40.6	5839	144	40.6	5839	144	40.6
	T5	70	6025	147	40.6	6016	147	40.9	6016	147	40.9
	T2	70	9041	144.4	62.6	8859	141.5	62.6	8859	141.5	62.6
9L	FT	70	8717	139.2	62.8	8541	136.0	62.8	8541	136.0	62.8
	T5	70	8639	137.9	62.5	8465	134.8	62.8	8465	134.8	62.8
	T2	70	12028	135.9	88.6	11822	133.4	88.6	11822	133.4	88.6
12L	FT	70	11417	128.9	88.6	11222	126.7	88.6	11222	126.7	88.6
	T5	70	11578	130.5	88.7	11380	128.9	88.3	11380	128.9	88.3







- Easy to install, easy to maintain
- · Optical Grade Individual Lenses
- Delivers Increased Footcandles
- · Less Glare & Less Wasted Light

#### ORDERING FORMAT

SLPM 12L T3 4K PRODUCT SERIES COLOR TEMP. DIMMING **OPTIONS** Blank = 0-10VDC PR = 7 Pin Photocell Receptacle SLPM = 2nd Generation 3K = 3000KSP = Surge Protection Site Lighter Pro 4K = 4000KIC = Integrated Motion Control 45K = 4500K BTM = Bluetooth Microwave LUMEN PACKAGE 5K = 5000K 6L = 6,000 Lumens Motion Control DISTRIBUTION 9L = 9,000 Lumens T2 = Type 2COLOR 12L = 12,000 Lumens VOLTAGE T3 = Type 3Blank = 120-277 Blank = Bronze 18L = 18,000 Lumens T5 = Type 5 4 = 347/480 24L = 24,000 Lumens S = Anodized Silver FT = Forward Throw 30L = 30,000 Lumens B = Black T2L = Type 2 Rotated Left W = White 36L = 36,000 Lumens T3L = Type 3 Rotated Left

**ENERGY SAVINGS** \_

43L = 43,000 Lumens

LE	ı D				
WATTAGE	ANNUAL COST	SOURCE WATTAGE	TOTAL WATTAGE USED	ANNUAL COST	ANNUAL SAVINGS
39	\$17	175	210	\$112	\$95
58	\$25	175	210	\$112	\$87
75	\$33	250	285	\$150	\$117
115	\$50	400	458	\$251	\$201
160	\$70	400	458	\$251	\$181
210	\$92	750	824	\$411	\$319
265	\$116	1000	1080	\$513	\$397
348	\$152	1000	1080	\$513	\$361

FTL = Forward Throw Rotated Left T2R = Type 2 Rotated Right T3R = Type 3 Rotated Right FTR = Forward Throw Rotated Right

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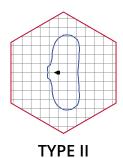


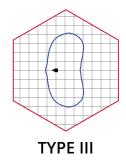


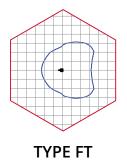
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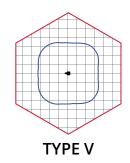
# 2 N D GENERATION **EAGLE SERIES**

#### MULTIPLE DISTRIBUTION PATTERNS - ROTATABLE OPTICS \_\_\_\_\_\_









#### PERFORMANCE \_\_\_\_\_

Lumen	_ REPLACE	Replaces		30001	< CCT	4000	K CCT	45001	K CCT	5000	K CCT	
PACKAGE	Distribution	UP TO	CRI	Delivered Lumens	Efficacy (LPW)	Delivered Lumens	EFFICACY (LPW)	Delivered Lumens	Efficacy (LPW)	Delivered Lumens	EFFICACY (LPW)	WATTAGE
	T2		70	5,908	153	6,067	158	6,093	159	6,152	160	
C.I.	T3	475\4/ \411	70	5,824	151	5,981	155	6,006	155	6,065	157	20
6L	FT	175W MH	70	5,712	148	5,866	152	5,891	153	5,948	154	39
	T5		70	5,848	152	6,005	156	6,031	156	6,090	158	
	T2		70	9,155	159	9,401	163	9,442	164	9,533	166	
01	T3	475\4/ \411	70	9,082	158	9,326	162	9,366	163	9,457	164	
9L	FT	175W MH	70	8,866	154	9,104	158	9,144	159	9,232	160	58
	T5		70	9,086	158	9,330	162	9,370	163	9,461	164	.
	T2		70	12,030	160	12,354	164	12,407	165	12,527	167	
421	T3 250,44.44	250\4/ \4/ \	70	11,900	159	12,220	163	12,272	164	12,391	165	7-
12L	FT	250W MH	70	11,670	156	11,984	160	12,035	160	12,152	162	75
	T5		70	11,950	159	12,271	164	12,324	164	12,444	166	
	T2	400W MH	70	17,840	155	18,320	159	18,398	160	18,577	162	
401	T3		70	17,810	155	18,289	159	18,367	160	18,546	161	115
18L	FT		70	17,340	151	17,806	155	17,883	156	18,056	157	115
	T5		70	17,820	155	18,299	159	18,378	160	18,556	161	
	T2	400W MH	70	23,640	148	24,276	152	24,380	153	24,616	154	
241	T3		70	23,620	148	24,255	152	24,359	153	24,596	154	160
24L	FT		70	23,030	144	23,650	148	23,751	149	23,981	150	160
	T5		70	23,660	148	24,296	152	24,401	153	24,637	154	
	T2		70	29,450	140	30,242	144	30,372	145	30,666	146	
201	T3	750\4/441	70	29,440	140	30,232	144	30,361	145	30,656	146	240
30L	FT	750W MH	70	28,750	137	29,523	141	29,650	141	29,937	143	210
	T5		70	29,470	141	30,263	144	30,392	145	30,687	146	
	T2		70	35,260	133	36,208	137	36,364	137	36,716	139	
261	T3	1000\4/14	70	35,220	133	36,167	137	36,322	137	36,675	139	265
36L	FT	1000W MH	70	34,490	131	35,418	134	35,570	135	35,914	136	265
	T5		70	35,200	133	36,147	137	36,302	137	36,654	139	1
	T2		70	42,200	121	43,335	124	43,521	125	43,943	126	
421	T3	100004/14/1	70	41,940	120	43,068	124	43,253	124	43,672	125	240
43L	FT	1000W MH	70	41,300	118	42,411	122	42,593	122	43,006	123	348
	T5		70	41,970	120	43,099	124	43,284	124	43,703	125	1

## LED LOW WATTAGE SITE LIGHTING SOLUTION REPLACES UP TO 250W MH



Low Cost Option -Lower Mounting Heights





- Low Cost Option Lower Mounting Heights
- Eliminates Glare & Offensive Light
- · Less Wasted Light
- More Footcandles on the Ground
- Labor Saving: Quick and Secure Mounting

#### ORDERING INFORMATION \_\_\_\_\_

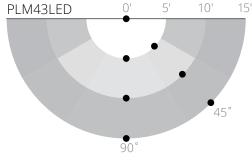
CATALOG #	<b>©</b> LUMENS	<b>∜</b> WATTAGE	<b>\$</b> LPW	⊙CRI	<b>1</b> CCT	<b>#</b> DIMMING	<b>*</b> VOLTS	■ REC. MNT. HT.
PLM43LED	5,334	43 Watt LED	133	82	4500K	0-10V	120-277	12FT - 14FT
PLM43LED3K	5,382	43 Watt LED	133	81	3000K	0-10V	120-277	12FT - 14FT
PLM64LED	7,384	64 Watt LED	121	84	4500K	0-10V	120-277	16FT - 18FT
PLM64LED3K	7,836	64 Watt LED	125	81	3000K	0-10V	120-277	16FT - 18FT

<b>OPTIO</b>	OPTIONS								
ADD SUFFIX#	DESCRIPTION	ADD SUFFIX#	DESCRIPTION						
PC	120V Photocontrol	PM	208-277V Photocontrol						

#### ENERGY SAVINGS \_\_\_\_\_

LE	D		HID		
	1		TOTAL		
	ANNUAL	SOURCE	WATTAGE	ANNUAL	ANNUAL
WATTAGE	COST	WATTAGE	USED	COST	SAVINGS
43	\$19	150	185	\$100	\$81
43	\$19	175	210	\$112	\$93
64	\$28	200	232	\$128	\$100
64	\$28	250	285	\$150	\$122





12' M	ltg He	ight	14' M	14' Mtg Height		
	90°	45°		90°	45°	
0'	15.8	15.8	0'	11.6	11.6	
5′	13.9	12.5	5′	10.6	9.8	
10'	6.9	6.6	10'	6.3	5.9	
15'	3.3	3.1	15'	3.3	3.2	
Average <b>8.4</b>			Aver	age	7.0	









<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components

### 8,000-23,000 LUMEN LED ROADWAY LIGHT



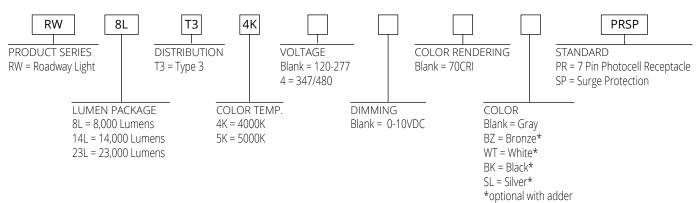




- Aerodynamic Shape Design for Low Wind Resistance & EPA
- Solid Construction Die-cast Aluminum Housing
- UV Stabilize Power Coated Finish
- 7-Pin Photocell Receptacle Standard
- Surge Protection Standard



#### ORDERING FORMAT\_



#### DATA PERFORMANCE

Lumen	Distribution	CRI	4000K CCT			5000K CCT		
Package			Delivered Lumens	EFFICACY (LPW)	Wattage	Delivered Lumens	Efficacy (LPW)	Wattage
8L	Type III	70	8,193	132	63	8,238	130	64
14L	Type III	70	13,850	116	120	14,070	115	122
23L	Type III	70	22,230	119	186	22,360	120	187









<sup>\*</sup>Qualifies for Buy American under ARRA

<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components

## FITS ANY POLE UNIVERSAL BRACKET SYSTEM

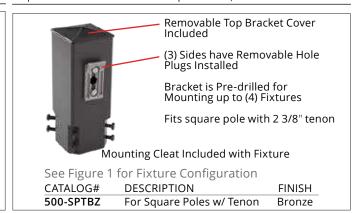
#### Round Pole Adapter



Mounting Cleat Included with Fixture

CATALOG#	DESCRIPTION	FINISH
500-SLPMRPA	Round Pole Bracket	Bronze

#### Square Pole Tenon Adapter - Up to 4 @ 90°



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



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



#### Round Pole Top Adapter - Up to 4@90°



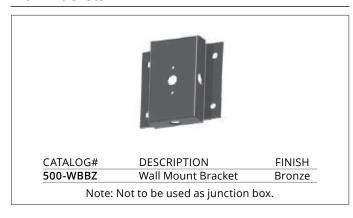
Round Pole Top Adapter - Up to 3 @ 120°



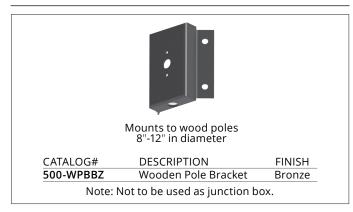
Note: All brackets are available in bronze, black, sliver or white finishes.

# UNIVERSAL BRACKET SYSTEM

#### Wall Brackets



#### Wooden Pole Bracket



#### Spoke Arm Brackets



#### Angled Bracket



#### Fixture Configurations - Up to 4@90°

Figure 1	Configuration	16" EPA	22" EPA
-	Single	0.6	0.8
2	2 @ 90°	1.4	1.8
1	2 @ 180°	0.7	0.9
4	3 @ 90°	2.1	2.7
	4 @ 90°	2.1	2.7

#### Fixture Configurations - Up to 3 @ 120°

Figure 2	Configuration	16" EPA	22" EPA
-	Single	0.6	0.8
5	2 @ 120°		1.8
	3 @ 120°	2.1	2.7



Scan QR code to view video of the Universal Bracket System

### POLES

#### **American Made**

Experience complete versatility, fast availability, and unmatched durability

#### **Complete Versatility**

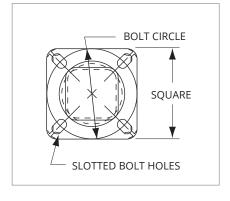
Endless Options, Made to Order

Completely configurable: choose from a wide variety of materials, finishes, sizes and styles to best suit your application and budget.





- Steel, Aluminum or Fiberglass
- Heights from under 10' to greater than 39' and everything in between
- Round, Square, Straight, Tapered, Hinged or Decorative



Wide offering of base plates with large range of customization to accommodate existing anchor bolts in retrofit applications.



#### **Fast Availability**

Industry-Leading Lead Times

Atlas Poles ship as soon as 5 days from the point of ordering. Our customer service representatives will walk you through the pole configuration process to ensure accuracy and quick order submission



#### **Unmatched Durability**

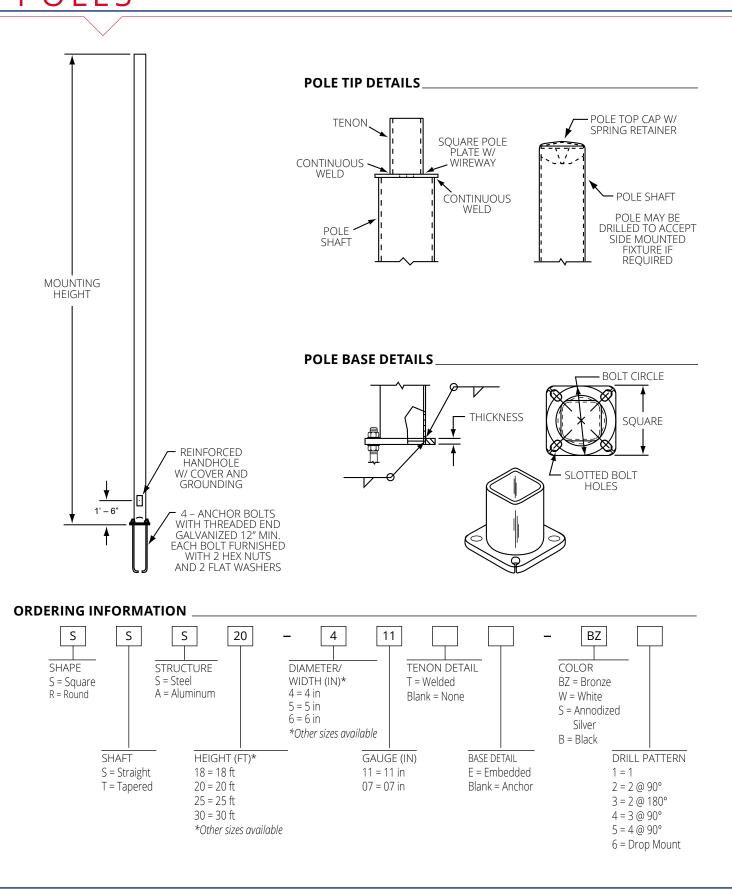
Stands Up to Harsh Environments

Designed and engineered for durability and provided as standard with our oven-baked DuraGrip Protection System. Also available with Atlas' proprietary DuraGrip+ Protection System for unmatched corrosion protection and extended warranty.



Poles After 1000hrs of Salt Spray Test

### SQUARE STRAIGHT STEEL POLES



# SQUARE STRAIGHT STEEL POLES

#### PERFORMANCE \_\_\_

		SHAFT POLE BASE			MAXIMUM LOADING										
NOMIAL MOUNTING	CATALOG			FOLE DASE		110 MPH	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH	
HEIGHT (FT)	NUMBER	BASE O.D. (IN)	WALL THK. (GA)	BOLT CIRCLE RANGE	PLATE WIDTH (IN)	PLATE THICK (IN)	EPA (FT²)								
12	SSS12411BZ	4	11	8" - 11"	8	0.75	13.9	12.5	11.3	9.2	7.6	6.3	5.2	4.3	3.6
14	SSS14411BZ	4	11	8" - 11"	8	0.75	10.7	9.5	8.5	6.8	5.4	4.4	3.5	2.7	2.1
16	SSS16411BZ	4	11	8" - 11"	8	0.75	8.2	7.2	6.4	4.9	3.8	2.9	2.1	1.5	1.0
18	SSS18411BZ	4	11	8" - 11"	8	0.75	6.3	5.4	4.7	3.4	2.4	1.6	1.0	0.4	n/a
20	SSS20411BZ	4	11	8" - 11"	8	0.75	4.6	3.9	3.2	2.1	1.2	0.6	n/a	n/a	n/a
20	SSS20507BZ	5	11	9" - 11"	9	0.75	8.5	7.3	6.3	4.6	3.2	2.1	1.2	0.5	n/a
20	SSS20507BZ	5	7	9" - 11"	9	1.0	21.6	19.3	17.3	14	11.3	9.2	7.4	6.0	4.8
26	SSS26411BZ	4	11	8" - 11"	8	0.75	4.6	3.7	3.0	1.7	0.7	n/a	n/a	n/a	n/a
26	SSS26407BZ	4	7	8" - 11"	8	0.75	4.6	3.7	3.0	1.7	0.7	n/a	n/a	n/a	n/a
26	SSS26511BZ	5	11	9" - 11"	9	0.75	6.8	5.7	4.6	3.0	1.6	0.6	n/a	n/a	n/a
26	SSS26507BZ	5	7	9" - 11"	9	1.0	14.9	13.1	11.4	8.8	6.6	4.9	3.5	2.3	1.3
30	SSS30407BZ	4	7	8" - 11"	8	0.75	2.2	1.4	0.8	n/a	n/a	n/a	n/a	n/a	n/a
30	SSS30507BZ	5	7	9" - 11"	9	1.0	10.3	8.9	7.5	5.2	3.4	2.0	0.8	n/a	n/a
30	SSS30607BZ	6	7	12"	12	1.0	10.4	8.8	7.3	4.8	2.9	1.3	n/a	n/a	n/a
35	SSS35607BZ	6	7	12"	12	1.0	5.5	4.2	2.9	0.9	n/a	n/a	n/a	n/a	n/a



### CONVERSION CHART

HOUSI	NG SIZE	HID REPLACEMENT			DISTRIBUTION (SEE FACING PAGE)				
		REI EACEMENT		WIDE		EXTR	A-WIDE		
	SMALL	100W MH		22W LED		27W LED			
	MEDIUM	175W MH		43W LED	P	43W LED			
	LARGE	250W MH		84W LED		86W LED			
	LARGE	400W MH		126W LED		102W LED			
ART	LARGE	400W MH		20,000 Lumei	n LED	20,000 Lum	en LED		
	LARGE	400W MH		25,000 Lumen LED		25,000 Lumen LED			
			7						
	EVED A	1000W MH		33,000 Lumei	n LED	33,000 Lum	en LED		
	EXTRA LARGE	1000W MH		40,000 Lumei	n LED	40,000 Lum	en LED		
	D III GE	1000W MH		50,000 Lumei	n LED	50,000 Lum	en LED		

#### **ORDERING FORMAT**

ORDERING I ORWIA			
PFM	XW 43LE	ED	$\Box$
HOUSING SIZE FS - Small Independence FM - Medium Independence PFS - Small PFM - Medium	DISTRIBUTION Blank - Wide (with Optics) XW - Extra-Wide	MOUNTING Blank - Knuckle (13-64) Blank - Trunnion (13-400) S - Slipfitter	COLOR TEMP. 3K - 3000K 4K - 4000K 5K - 5000K Blank - 4500K
PFL - Large PFL2G - Large (2nd Generation) PFL2GH - Large - Extreme (2nd Generation) PFXL2G - Extra Large (2nd Generation) PFXL2GH - Extra Large - Extreme (2nd Generation)	WATTAGE  22LED = 22 System Watts <sup>1</sup> 27LED = 27 System Watts <sup>2</sup> 43LED = 43 System Watts <sup>1,2</sup> 64LED = 64 System Watts <sup>1</sup> 84LED = 84 System Watts <sup>1</sup> 86LED = 86 System Watts <sup>2</sup> 102LED = 102 System Watts <sup>1</sup> 126LED = 126 System Watts <sup>1</sup>	LUMEN PACKAGE 3L = 3,000 Lumens <sup>3</sup> 6L = 6,000 Lumens <sup>3</sup> 8L = 8,000 Lumens <sup>3</sup> 18L = 18,000 Lumens <sup>1</sup> 20L = 20,000 Lumens <sup>1,2</sup> 25L = 25,000 Lumens <sup>1,2</sup> 33L = 33,000 Lumens <sup>1,2</sup> 40L = 40,000 Lumens <sup>1,2</sup> 50L = 50,000 Lumens <sup>1,2</sup>	CONTROLS PC - Button Photocontrol 120V PM - Button Photocontrol 208-277V SP - Surge Protector <sup>1</sup> Wide only <sup>2</sup> Extra-wide only <sup>3</sup> Independence only

### CHOOSING THE RIGHT LIGHT

### Independence

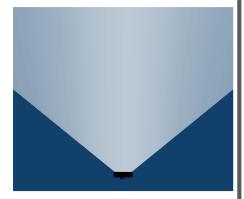


NEMA 6x6

3,000 - 8,000 LUMENS 27 - 68 WATTS

The independence series flood lights deliver performance and value. They are designed to offer a wide distribution - measured as NEMA 6x6 – replacing existing metal halide fixtures from 70 to 250 watts. Producing up to 128 LpW, they produce a smooth even light pattern.

#### Wide Pattern -**Smooth & Even Coverage**



**Applications:** 











### **Optic**

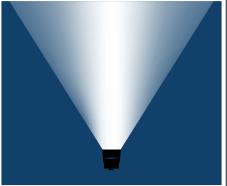


**Optical Grade** Acrylic Lenses

2,000-50,000 LUMENS 22 - 400 WATTS

The optic flood lights use individual acrylic lenses, which are the most efficient way to control and deliver LED lumens to the desired target. These high quality acrylic lenses guarantee more footcandles, less glare and less wasted light.

#### Narrow Pattern -**Greater Intensity**



**Applications:** 









#### Extra-Wide

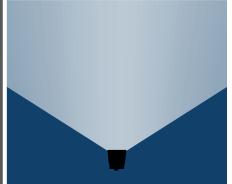


**Optics Free** NEMA 7x7

2,000-50,000 LUMENS 22 - 357 WATTS

The extra-wide flood lights are designed to offer an extra wide distribution - measured as NEMA 7x7 – replacing existing metal halide fixtures from 70 to 1000 watts. Producing up to 151 LpW, they produce a smooth, even and uniform light pattern.

#### Wider Pattern -**Smooth & Even Coverage**



**Applications:** 









### MOUNTING OPTIONS See page 31 for available brackets



Knuckle Mount 22-64 watts



**Trunnion** Mount 22-400 WATTS



Slipfitter Mount 84-400 WATTS

# SMALL HOUSING - 3,000-6,000 LUMEN INDEPENDENCE FLOOD REPLACES UP TO

#### **REPLACES UP TO 175W MH**









- · High light output with low glare
- · One piece die cast aluminum heatsink providing maximum heat dissipation
- · External air flow fins dissipate heat
- High performance optics provide smooth even light

#### ORDERING INFORMATION \_

CATALOG #	LUMENS	<b>♦</b> WATTAGE	<b>\$</b> LPW	⊙CRI	¶CCT	<b>#</b> IDIMMING	<b>♥</b> VOLTS	REPLACES UP TO
FS3L45K	3,463	27 Watt LED	127	80	4500K	0-10V	120-277	100W MH
FS6L45K	5,765	48 Watt LED	121	80	4500K	0-10V	120-277	175W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Knuckle mount standard. Add suffix T for Trunnion mount.

#### OPTIONS \_\_\_\_\_

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

CATALOG #	DESCRIPTION
500-082BZ	Post-Top Fitter



#### ENERGY SAVINGS \_\_\_\_\_

LE	D				
	ANNUAL	SOURCE	TOTAL WATTAGE	ANNUAL	ANNUAL
WATTAGE	COST	WATTAGE	USED	COST	SAVINGS
27	\$12	70	90	\$59	\$47
27	\$12	100	129	\$77	\$65
48	\$21	150	185	\$100	\$79
48	\$21	175	210	\$112	\$91



#### APPLICATIONS:

















<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components





- High light output with low glare
- One piece die cast aluminum heatsink providing maximum heat dissipation
- External air flow fins dissipate heat
- High performance optics provide smooth even light





#### ORDERING INFORMATION

CATALOG #	LUMENS	<b>♦</b> WATTAGE	<b>\$</b> LPW	⊙CRI	<b>1</b> CCT	NDIMMING	VOLTS	REPLACES UP TO
FM8L45K	8,775	68 Watt LED	128	80	4500K	0-10V	120-277	100W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information.

Knuckle mount standard. Add suffix T for Trunnion mount.



#### OPTIONS \_\_\_\_\_

ADD SUFFIX#	DESCRIPTION	ADD SUFFIX#	DESCRIPTION
PC	120V Photocontrol	SP	Surge Protector
PM	208-277V Photocontrol	_	

CATALOG #	DESCRIPTION
500-082BZ	Post-Top Fitter



#### **APPLICATIONS:**









#### ENERGY SAVINGS \_\_\_\_\_

LE	D		HID				
			TOTAL				
	ANNUAL	SOURCE	WATTAGE	ANNUAL	ANNUAL		
WATTAGE	COST	WATTAGE	USED	COST	SAVINGS		
68	\$30	250	285	\$150	\$120		
68	\$30	400	458	\$226	\$196		









<sup>\*</sup>Qualifies for Buy American under ARRA

<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components









- Extra-Wide Distribution
- Smooth, even and uniform light pattern

#### ORDERING INFORMATION \_\_\_\_\_

CATALOG #	<b>©</b> LUMENS	<b>∳</b> WATTAGE	<b>\$</b> LPW	⊙CRI	<b>4</b> CCT	N.DIMMING	<b>♥</b> VOLTS	REPLACES UP TO
PFSXW27LED	3,132	27 Watt LED	114	80	4500K	0-10V	120-277	100W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Knuckle mount standard. For Trunnion mount see ordering format on page 16.

#### OPTIONS \_\_\_\_\_

PC	120V Photocontrol	SP	Surge Protector
ADD SUFFIX#	DESCRIPTION	ADD SUFFIX#	DESCRIPTION

PM 208-277V Photocontrol

CATALOG #	DESCRIPTION
500-082BZ	Post-Top Fitter



#### ENERGY SAVINGS \_\_\_\_\_

LE	D					
	TOTAL					
	ANNUAL	SOURCE	WATTAGE	ANNUAL	ANNUAL	
WATTAGE	COST	WATTAGE	USED	COST	SAVINGS	
27	\$12	50	72	\$52	\$40	
27	\$12	70	90	\$59	\$47	
27	\$12	100	129	\$77	\$65	



#### APPLICATIONS:

















\*Qualifies for Buy American under ARRA

\*The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components

# SMALL HOUSING - 22 WATT OPTIC FLOOD







- More Footcandles
   Delivered to the Target
- Less Glare and Wasted Light



#### ORDERING INFORMATION \_\_\_\_\_

CATALOG #	<b>©</b> LUMENS	<b>∜</b> WATTAGE	<b>\$</b> LPW	⊙CRI	<b>4</b> CCT	NDIMMING	<b>♥</b> VOLTS	REPLACES UP TO
PFS22LED	1,978	22 Watt LED	93	70	4500K	0-10V	120-277	100W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Knuckle mount standard. For Trunnion mount see ordering format on page 16.



#### OPTIONS

ADD SUFFIX#	DESCRIPTION	ADD SUFFIX#	DESCRIPTION
PC	120V Photocontrol	SP	Surge Protector
PM	208-277V Photocontrol	_	

CATALOG #	DESCRIPTION
500-082BZ	Post-Top Fitter



#### **APPLICATIONS:**









#### ENERGY SAVINGS \_\_\_\_\_

LED						
Γ				TOTAL	1	
		ANNUAL	SOURCE	WATTAGE	ANNUAL	ANNUAL
	WATTAGE	COST	WATTAGE	USED	COST	_SAVINGS_
	22	\$10	50	72	\$52	\$42
	22	\$10	70	90	\$59	\$49
	22	\$10	100	129	\$77	\$67









<sup>\*</sup>Qualifies for Buy American under ARRA

<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components





9.36"Wx10.36"Hx7.57"D

10 LBS



- Extra-Wide Distribution
- · Smooth, even and uniform light pattern

#### ORDERING INFORMATION \_\_

Design is Protected

by U.S. Patent

No. D772,474

CATALOG #	<b>©</b> LUMENS	<b>∜</b> WATTAGE	<b>\$</b> ∤LPW	⊙CRI	<b>1</b> CCT	<b>#</b> DIMMING	<b>♥</b> VOLTS	REPLACES UP TO
PFMXW43LED	5,025	43 Watt LED	116	80	4500K	0-10V	120-277	175W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Knuckle mount standard. For Trunnion mount see ordering format on page 16.

#### **OPTIONS**

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

CATALOG #	DESCRIPTION
500-082BZ	Post-Top Fitter





#### ENERGY SAVINGS \_\_\_\_\_

LE	D				
WATTAGE	ANNUAL COST	SOURCE WATTAGE	TOTAL WATTAGE USED	ANNUAL COST	ANNUAL SAVINGS
43	\$19	150	185	\$100	\$81
43	\$19	175	210	\$112	\$93



















<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components

# MEDIUM HOUSING - 43 WATT OPTIC FLOOD





- Optical Grade Individual Acrylic Lenses
- More Footcandles
   Delivered to the Target
- Less Glare and Wasted Light



#### ORDERING INFORMATION \_\_

CATALOG #	<b>O</b> LUMENS	<b>∜</b> WATTAGE	<b>\$</b> LPW	⊙CRI	<b>1</b> CCT	<b>#</b> DIMMING	<b>♥</b> VOLTS	REPLACES UP TO
PFM43LED	4,010	43 Watt LED	97	70	4500K	0-10V	120-277	175W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information.

Knuckle mount standard. For Trunnion mount see ordering format on page 16.



#### **OPTIONS**

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

CATALOG #	DESCRIPTION
500-082BZ	Post-Top Fitter



#### APPLICATIONS:









#### ENERGY SAVINGS \_\_\_\_\_

LE	D		HID				
	ANNUAI	SOURCE	TOTAL WATTAGE	ANNUAI	A N I N I I I A I		
WATTAGE	COST	WATTAGE	USED	COST	ANNUAL SAVINGS		
43	\$19	150	185	\$100	\$81		
43	\$19	175	210	\$112	\$93		









<sup>\*</sup>Qualifies for Buy American under ARRA

<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components







- Extra-Wide Distribution
- · Smooth, even and uniform light pattern

#### ORDERING INFORMATION \_\_\_\_\_

CATALOG #	LUMENS	<b>∳</b> WATTAGE	<b>\$</b> LPW	⊙CRI	<b>1</b> CCT	<b>#</b> DIMMING	<b>*</b> VOLTS	REPLACES UP TO
PFLXW86LED	10,730	86 Watt LED	121	80	4500K	0-10V	120-277	400W MH
PFLXW102LED	12,720	102 Watt LED	125	80	4500K	0-10V	120-277	400W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Trunnion mount standard. For Slipfitter mount see ordering format on page 16.

#### OPTIONS \_\_\_\_\_

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

#### ENERGY SAVINGS \_\_\_\_\_

LE	D				
WATTAGE	ANNUAL COST	SOURCE WATTAGE	TOTAL WATTAGE USED	ANNUAL COST	ANNUAL SAVINGS
86	\$38	250	285	\$150	\$112
86	\$38	400	458	\$226	\$188
102	\$45	250	285	\$150	\$105
102	\$45	400	458	\$226	\$181



#### **APPLICATIONS:**

















<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components





- · Optical Grade Individual Acrylic Lenses
- More Footcandles Delivered to the Target
- · Less Glare and Wasted Light



#### ORDERING INFORMATION \_

CATALOG #	<b>©</b> LUMENS	<b>∜</b> WATTAGE	<b>\$</b> LPW	⊙CRI	<b>4</b> CCT	<b>₩</b> DIMMING	<b>♥</b> VOLTS	REPLACES UP TO
PFL84LED	7,929	84 Watt LED	100	70	4500K	0-10V	120-277	400W MH
PFL126LED	14,340	126 Watt LED	119	70	4500K	0-10V	120-277	400W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Trunnion mount standard. For Slipfitter mount see ordering format on page 16.



#### OPTIONS \_\_\_\_\_

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

#### ENERGY SAVINGS \_\_\_\_\_

LE	D		HID			
WATTAGE	ANNUAL COST	SOURCE WATTAGE	TOTAL WATTAGE USED	ANNUAL COST	ANNUAL SAVINGS	
84	\$37	250	285	\$150	\$113	
84	\$37	400	458	\$226	\$189	
126	\$55	250	285	\$150	\$95	
126	\$55	400	458	\$226	\$171	

#### **APPLICATIONS:**

















<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components







- Extra-Wide Distribution
- · Smooth, even and uniform light pattern
- · Attractive Architectural Styling
- · Hooded Glare Shield Face Frame



#### ORDERING INFORMATION \_\_\_

CATALOG #	<b>©</b> LUMENS	<b>∜</b> WATTAGE	\$\LPW	⊙CRI	<b>1</b> CCT	<b>#</b> DIMMING	<b>*</b> VOLTS	REPLACES UP TO
PFL2GXW20L	20,540	142 Watt LED	144	70	4500K	0-10V	120-277	400W MH
PFL2GXW25L	25,040	180 Watt LED	139	70	4500K	0-10V	120-277	400W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Trunnion mount standard. For Slipfitter mount see ordering format on page 16.

#### OPTIONS \_\_\_\_\_

ADD SUFFIX#	DESCRIPTION	ADD SUFFIX#	DESCRIPTION
PC	120V Photocontrol	PR	Photo Receptacle
PM	208-277V Photocontrol	4	480V Driver
SP	Surge Protector		

#### ENERGY SAVINGS \_\_\_\_\_

LE	D				
WATTAGE	ANNUAL COST	SOURCE WATTAGE	TOTAL WATTAGE USED	ANNUAL COST	ANNUAL SAVINGS
142	\$62	250	285	\$150	\$88
142	\$62	400	458	\$226	\$164
180	\$79	250	285	\$150	\$71
180	\$79	400	458	\$226	\$147

#### **Cooling Fins Separate Driver & LED Housing**

- Eliminating Cross Contamination of Heat

**Airflow Assists in Cooling** of both LEDs & Driver

Removable Gasketed Back for Easy **Driver Access** 



#### **APPLICATIONS:**

















<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components

#### **REPLACES UP TO 1000W MH**





- Extra-Wide Distribution
- · Smooth, even and uniform light pattern
- Attractive Architectural Styling
- · Hooded Glare Shield Face Frame



IP65 RATED

#### ORDERING INFORMATION \_\_\_

CATALOG #	<b>©</b> LUMENS	<b>∳</b> WATTAGE	<b>\$</b> LPW	⊙CRI	¶CCT	<b>#</b> DIMMING	<b>*</b> VOLTS	REPLACES UP TO
PFXL2GXW33L	33,210	220 Watt LED	151	70	4500K	0-10V	120-277	1000W MH
PFXL2GXW40L	39,430	267 Watt LED	148	70	4500K	0-10V	120-277	1000W MH
PFXL2GXW50L	50,130	357 Watt LED	141	70	4500K	0-10V	120-277	1000W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Trunnion mount standard. For Slipfitter mount see ordering format on page 16.

#### **Cooling Fins Separate Driver & LED Housing**

- Eliminating Cross Contamination of Heat

**Airflow Assists in Cooling** of both LEDs & Driver

#### OPTIONS\_

ADD SUFFIX#	DESCRIPTION	ADD SUFFIX#	DESCRIPTION
PC	120V Photocontrol	4	480V Driver
PM	208-277V Photocontrol	М	Motion
PR	Photo Receptacle	SP	Surge Protector

#### ENERGY SAVINGS \_\_\_\_\_

LE	D		HID					
		1	TOTAL		1			
WATTAGE	ANNUAL COST	SOURCE WATTAGE	WATTAGE USED	ANNUAL COST	ANNUAL SAVINGS			
220	\$96	1000	1080	\$513	\$417			
267	\$117	1000	1080	\$513	\$396			
357	\$156	1000	1080	\$513	\$357			















<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components







- High Performance Optics Deliver More Footcandles
- Optical Grade Individual Acrylic Lenses
- Attractive Architectural Styling
- · Hooded Glare Shield Face Frame

IP65 RATED

#### ORDERING INFORMATION

CATALOG #	LUMENS	<b>∜</b> WATTAGE	<b>\$</b> LPW	⊙CRI	<b>1</b> CCT	<b>#</b> DIMMING	<b>%</b> VOLTS	REPLACES UP TO
PFL2GH18L	17,994	125 Watt LED	144	70	4500K	0-10V	120-277	400W MH
PFL2GH20L	20,766	142 Watt LED	146	70	4500K	0-10V	120-277	400W MH
PFL2GH25L	25,312	179 Watt LED	141	70	4500K	0-10V	120-277	400W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Trunnion mount standard. For Slipfitter mount see ordering format on page 16.

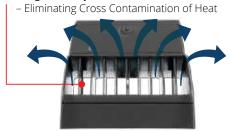
#### OPTIONS

O1 110			
ADD SUFFIX#	DESCRIPTION	ADD SUFFIX#	DESCRIPTION
PC	120V Photocontrol	PR	Photo Receptacle
PM	208-277V Photocontrol	4	480V Driver
SP	Surge Protector		

#### **ENERGY SAVINGS** \_

LE	D				
WATTAGE	ANNUAL COST	SOURCE WATTAGE	TOTAL WATTAGE USED	ANNUAL COST	ANNUAL SAVINGS
125	\$55	400	458	\$226	<del>\$171</del>
142	\$62	400	458	\$226	\$164
179	\$78	400	458	\$226	\$148

#### **Cooling Fins Separate Driver & LED Housing**



**Airflow Assists in Cooling** of both LEDs & Driver

**Removable Gasketed Back for Easy Driver Access** 



#### **APPLICATIONS:**

















<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components

#### **REPLACES UP TO 1000W MH**





- High Performance Optics Deliver More Footcandles
- · Optical Grade Individual Acrylic Lenses
- Attractive Architectural Styling
- Hooded Glare Shield Face Frame



#### IP65 RATED

#### ORDERING INFORMATION \_\_\_

CATALOG #	LUMENS	<b>∳</b> WATTAGE	<b>\$</b> LPW	⊙CRI	¶CCT	NDIMMING	<b>*</b> VOLTS	REPLACES UP TO
PFXL2GH33L	32,936	222 Watt LED	148	70	4500K	0-10V	120-277	1000W MH
PFXL2GH40L	38,933	269 Watt LED	145	70	4500K	0-10V	120-277	1000W MH
PFXL2GH50L	48,173	362 Watt LED	133	70	4500K	0-10V	120-277	1000W MH

Specs shown are for 4500K CCT. Also available in 3000K, 4000K and 5000K. See Cut Sheet for more information. Trunnion mount standard. For Slipfitter mount see ordering format on page 16.

#### **Cooling Fins Separate Driver & LED Housing**

- Eliminating Cross Contamination of Heat

Airflow Assists in Cooling of both LEDs & Driver

UP	ı	IU	IN	2
4 D D				

ADD SUFFIX#	DESCRIPTION	ADD SUFFIX#	DESCRIPTION
PC	120V Photocontrol	4	480V Driver
PM	208-277V Photocontrol	M	Motion
PR	Photo Receptacle	SP	Surge Protector

#### ENERGY SAVINGS \_\_\_\_\_

LED							
Г			7 [		TOTAL		
		ANNUAL		SOURCE	WATTAGE	ANNUAL	ANNUAL
_	WATTAGE	COST		WATTAGE	USED	COST	SAVINGS
	222	\$97		1000	1080	\$513	\$416
	269	\$118		1000	1080	\$513	\$395
	362	\$159		1000	1080	\$513	\$354





#### **APPLICATIONS:**









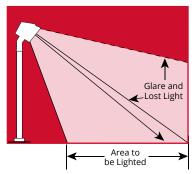
<sup>\*</sup>Qualifies for Buy American under ARRA

<sup>\*</sup>The majority of Atlas Lighting Products are assembled in USA facilities by an American Workforce utilizing both Domestic and Foreign components

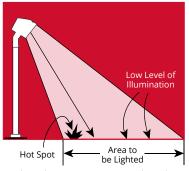
### FLOOD LIGHTING

#### Optical Design

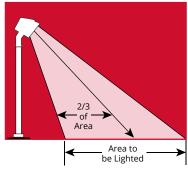
Atlas flood lights have optical designs that provide their best performance when aimed within a certain range.



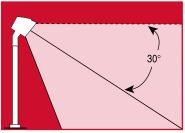
When luminaire is aimed at the far side, light loss is substantial.



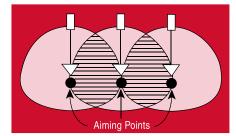
When luminaire is aimed at the near side, the far side will not receive adequate illumination.



A good "rule of thumb" is to aim the luminaire two thirds the distance across the area to be illuminated.



To provide visual comfort on all floods aim luminaire at least 30° below the horizontal.



Acceptable uniformity is achieved when flood lights are aimed in such a way that the isofootcandle curves of adjacent luminaires overlap.

#### Flag Lighting

#### NOTES:

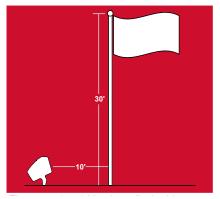
- Flags should be illuminated approximately 5 times its surrounding ambient level.
- Reduce glare and conceal the light source by using a fixture equipped with a glare shield.

#### **WATTAGE**

POLE HEIGHT	RECOMMENDED WATTAGE
20'	22 Watt LED
25'	43 Watt LED
30'	43 Watt LED
35'	43 Watt LED
40'	84 Watt LED
50'	126 Watt LED
60'	162 Watt LED

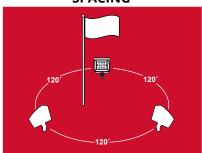
Wide floods are recommended

#### **SET BACK**



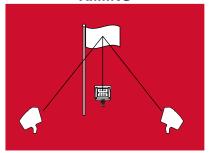
Fixtures should be installed with a set back of 1/3 to 1/2 of the height of the pole.

#### **SPACING**



Three fixtures are recommended to provide adequate coverage on all sides of the flag.

#### **AIMING**



Fixtures should be aimed at the center of the flag.

# BRACKETS & ACCESSORIES

#### Glare Shields for Site Lighter Pro





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

#### **RSR Brackets**



CATALOG#	DESCRIPTION	FINISH	WT/LBS.
500-015BZ	2 In Line RSR Bracket	Bronze	20

Configuration		<b>EPA Rating</b>	
Configuration	Bracket	PFL	PFXL
■.■	1.92	3.92	4.50
DOUBLE			

#### Side Mount Brackets



CATALOG#	DESCRIPTION	FINISH
500-018BZ	Right Angle Bracket (for Wall)	Bronze
500-050BZ	Right Angle Bracket (for Pole)	Bronze
500-054BZ	4" Side Tenon Mount Bracket	Bronze
500-055BZ	8" Side Tenon Mount Bracket	Bronze
500-060G	Side Angle Bracket	Galvanized
500-SSFM4	Single Square Flood Mount Bracket for 4" Pole	Bronze

#### **Bullhorn Brackets**



500-052BZ



500-022BZ

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		
Configuration	Bracket	PFL	PFXL
DOUBLE	1.35	3.35	3.93
TRIPLE @ 120°	2.0	4.0	4.58
TRIPLE	2.5	4.5	5.08
QUAD @ 90°	1.79	3.79	4.37

#### Miscellaneous Brackets

500-010BZ

500-066BZ



5" Drop In Tenon

6" Drop In Tenon

Bronze

Bronze

# LED FLOOD LIGHTING, AREA LIGHTING & POLES

EAGLE - AREA LIGHTS | POLES | INDEPENDENCE FLOODS OPTIC FLOODS | EXTRA-WIDE FLOODS | EXTREME FLOODS

Manufactured & Tested in the USA\*





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