



Dual Deal Pole Combo

Eagle Series Area Light and
Straight Steel Pole Combo



PROJECT INFORMATION

JOB NAME	
FIXTURE TYPE	Eagle Area Light & Pole Combo
CATALOG NUMBER	
APPROVED BY	

EAGLE SPECIFICATIONS

Construction:

Designed for commercial and industrial applications, providing cooler operating temperatures, brighter light and longer LED life. The die cast aluminum housing utilizes external airflow fins allow for greater heat dissipation. The easy access driver compartment is a thermally independent compartment, separate from LED generated heat, for cooler operation and longer driver life.

Optics:

Atlas Eagle Series fixtures utilize precision engineered individual lenses for maximum light intensity. The lens is made of optical grade polycarbonate. Advanced one piece optic board engineered for maximum light intensity. Types III, V and Forward Throw distributions are available.

Mounting:

The easy mount bracket makes installation to any style pole quick and easy. Tenon and other mounting accessories also available.

Thermal Management:

Atlas Eagle Series Pro fixtures are designed as a complete system to optimize LED life and light output. The thermal stacking heat removal technology extracts heat from within the housing moving it away from LEDs and components. The lower temperatures result in long LED life (200,000+ hrs¹) and component life and also allows for higher light output.

Listings:

Luminaire is certified to UL/cUL Standards for Wet Locations.

AC Input: 120/208/240/277/347/480 V

Driver:

Constant current, 120-277 VAC, 50-60 Hz
High Efficiency – min. 88%
O-State Power: 0 Watts
0-10 V Dimming

LEDs:

Available in 4000K, 4500K and 5000K, CCT
Epoxy Guard™ protective conformal coated boards

Reduced Glare:

Positioning of the LED modules within the housing result in light directed to desired locations and reduces offensive light.

Testing:

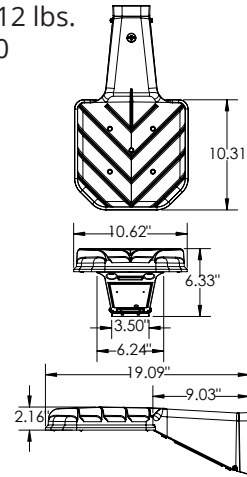
Atlas LED luminaires have been tested by an independent laboratory in accordance with IESNA LM-79 & LM-80.

Warranty: Five-year limited warranty

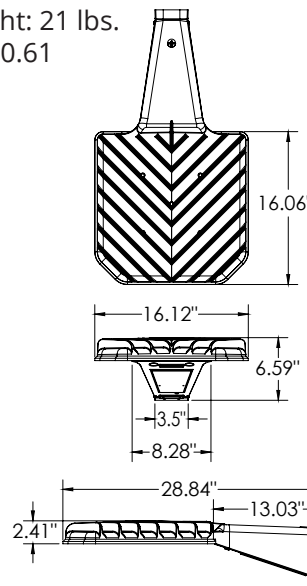


DIMENSIONS

Weight: 12 lbs.
EPA: 0.40



Weight: 21 lbs.
EPA: 0.61



Rebates and Incentives are available in many areas.
Contact an Atlas Representative for more information.

¹LED Life Span Based Upon LM-80 Test Results



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POLE SPECIFICATIONS

Pole Shaft:

- Straight pole is 4" square.
- Pole shaft is electro-welded ASTM-A500 Grade C steel tubing with a minimum yield strength of 50,000 psi.

Hand-Hole:

- Standard hand-hole location is 12" above pole base.
- 12' pole has a 2" x 4" non-reinforced hand-hole.
- 20' pole has a 2" x 4" non-reinforced hand-hole.
- 25' pole has a 3" x 6" reinforced hand-hole.

Base:

- Pole base is ASTM-A36 hot-rolled steel plate with a minimum yield strength of 36,000 psi.
- Two-piece square base cover is optional.

Anchor Bolts:

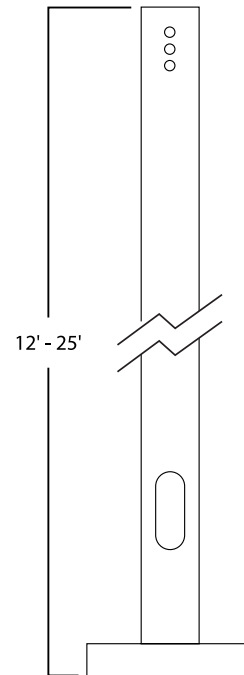
- Poles are furnished with anchor bolts featuring zinc-plated double nuts and washers. Galvanized anchor bolts are optional.
- Anchor bolts conform to ASTM F 1554-07a Grade 55 with a minimum yield strength of 55,000 psi.

Ground Lug:

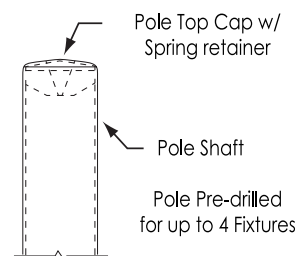
- Ground lug is standard.



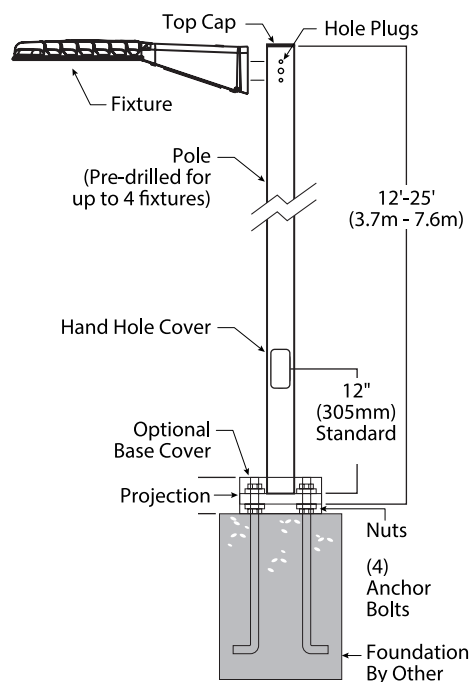
POLE DIMENSIONS



POLE TIP DETAILS



POLE DETAILS





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ORDERING INFORMATION

PXSLPM	3	18L	1	40	4SQ20		
PRODUCT SERIES	DISTRIBUTION	LUMEN PACKAGE	QUANTITY	COLOR TEMP.	SQUARE STRAIGHT POLE	FIXTURE COLOR	ANCHOR BOLTS
PXSLPS = Small Eagle/Pole Combo PXSLPM = Medium Eagle/Pole Combo	3 = Type 3 ¹ 5 = Type 5 FT = Forward Throw ¹ PXSLPM only	9L = 9,000 Lumens ¹ 12L = 12,000 Lumens ¹ 18L = 18,000 Lumens ² 24L = 24,000 Lumens ² 43L = 43,000 Lumens ² 50L = 50,000 Lumens ²	1 = Single Head 2 = Double Head @ 180° 3 = Triple Head @ 90° 4 = Quad @ 90°	40 = 4000k 45 = 4500k 50 = 5000k	4SQ12 = 4", 12 feet steel 11-gauge ¹ 4SQ15 = 4", 15 feet steel 11-gauge ¹ 4SQ20 = 4", 20 feet steel 11-gauge ² 4SQ25 = 4", 25 feet steel 11-gauge ² ¹ PXSLPS only ² PXSLPM only	Blank = Bronze	Blank = with anchor bolts/template LAB = Less anchor bolts/template
SELECTABLE PXSLPSS = Small Eagle/Pole Combo PXSLPMS = Medium Eagle/Pole Combo		6-12L = 6,000-12,000 Selectable Lumens ¹ 12-24L = 12,000-24,000 Selectable Lumens ² 25-50L = 25,000-50,000 Selectable Lumens ² ¹ PXSLPS only ² PXSLPM only					

EAGLE PERFORMANCE DATA

LUMEN PACKAGE	DISTRIBUTION	CRI	4000K CCT		4500K CCT		5000K CCT		WATTAGE	BUG RATING	REPLACES UP TO
			DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)			
PXSLPSS - SELECTABLE											
6L-12L	FT	70	5,899	140	5,859	139	5,859	139	42	B2-U0-G2	250W MH
	T5	70	5,812	138	5,812	138	5,812	138		B4-U0-G2	
	FT	70	8,743	138	8,684	137	8,684	137	63	B2-U0-G2	
	T5	70	8,614	136	8,614	136	8,614	136		B4-U0-G2	
	FT	70	11,488	134	11,410	133	11,410	133	86	B2-U0-G2	
	T5	70	11,319	132	11,319	132	11,319	132		B4-U0-G2	
PXSLPS - FIXED											
9L	FT	70	8,717	139	8,541	136	8,541	136	63	B2-U0-G2	175W MH
	T5	70	8,639	138	8,465	135	8,465	135		B3-U0-G2	
12L	FT	70	11,417	129	11,222	127	11,222	127	89	B2-U0-G2	250W MH
	T5	70	11,578	131	11,380	129	11,380	129		B4-U0-G2	
PXSLPMS - SELECTABLE											
12L-24L	T3	70	13,634	173	13,257	168	13,305	168	79	B3-U0-G3	250W
	FT	70	13,291	168	13,042	165	13,242	168		B3-U0-G4	
	T5	70	13,117	166	12,872	163	13,069	165		B5-U0-G3	
	T3	70	19,974	161	19,435	157	19,736	159	124	B3-U0-G3	400W
	FT	70	19,879	160	19,343	156	19,642	158		B3-U0-G4	
	T5	70	19,620	158	19,090	154	19,386	156		B5-U0-G3	
	T3	70	25,349	149	24,665	145	25,359	149	170	B3-U0-G3	400W
	FT	70	25,229	148	24,548	144	24,928	147		B3-U0-G4	
	T5	70	24,899	146	24,227	143	25,422	150		B5-U0-G3	
25L-50L	T3	70	26,535	168	26,052	165	26,524	168	158	B4-U0-G5	400W
	FT	70	25,884	164	25,414	161	25,874	164		B4-U0-G4	
	T5	70	26,448	167	25,967	164	26,438	167		B5-U0-G4	
	T3	70	38,672	158	37,969	155	38,656	158	245	B4-U0-G5	1000W
	FT	70	37,725	154	37,039	151	37,709	154		B4-U0-G4	
	T5	70	38,546	157	37,846	154	38,531	157		B5-U0-G4	
	T3	70	48,161	145	47,285	142	48,141	145	332	B4-U0-G5	1000W
	FT	70	46,981	142	46,127	139	46,962	141		B4-U0-G4	
	T5	70	48,004	145	47,132	142	47,985	145		B5-U0-G4	



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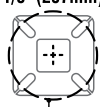
EAGLE PERFORMANCE DATA

LUMEN PACKAGE	DISTRIBUTION	CRI	4000K CCT		4500K CCT		5000K CCT		WATTAGE	BUG RATING	REPLACES UP TO
			DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)	DELIVERED LUMENS	EFFICACY (LPW)			
PXSLPM - FIXED											
18L	T3	70	19,489	160	18,493	152	18,493	152	122	B3-U0-G3	400W MH
	FT	70	19,182	157	18,201	149	18,201	149		B3-U0-G3	
	T5	70	19,650	161	18,645	153	18,645	154		B4-U0-G2	
24L	T3	70	25,425	149	24,125	141	24,125	141	171	B3-U0-G3	400W MH
	FT	70	25,025	146	23,745	139	23,745	139		B3-U0-G3	
	T5	70	25,635	150	24,324	142	24,324	142		B5-U0-G3	
43L	T3	70	42,070	153	41,575	151	41,575	151	275	B3-U0-G5	1000W MH
	FT	70	41,617	151	41,127	150	41,127	150		B4-U0-G4	
	T5	70	42,470	154	41,970	152	41,970	152		B5-U0-G4	
50L	T3	70	49,190	148	48,324	145	48,324	145	333	B4-U0-G5	1000W MH
	FT	70	47,891	144	47,048	142	47,048	142		B4-U0-G4	
	T5	70	49,524	149	48,652	146	48,652	146		B5-U0-G5	





POLE DATA

MOUNTING HEIGHT LENGTH (FT)	CATALOG NUMBER	SHAFT			POLE BASE			MAXIMUM LOADING									
		BASE O.D. (IN)	WALL THK. (GA)	GROSS WEIGHT (LBS)	BOLT CIRCLE RANGE	PLATE WIDTH (IN)	PLATE THICK (IN)	110 MPH	115 MPH	120 MPH	130 MPH	140 MPH	150 MPH	160 MPH	170 MPH	180 MPH	
								EPA (FT²)	EPA (FT²)	EPA (FT²)	EPA (FT²)	EPA (FT²)	EPA (FT²)	EPA (FT²)	EPA (FT²)	EPA (FT²)	
12	SSS12411BZ	4	11	90	8" - 11"	10.125	0.75	13.9	12.5	11.3	9.2	7.6	6.3	5.2	4.3	3.6	
15	SSS15411BZ	4	11	113	8" - 11"	10.125	0.75	8.2	7.2	6.4	4.9	3.8	2.9	2.1	1.5	1.0	
20	SSS20411BZ	4	11	150	8" - 11"	10.125	0.75	4.6	3.9	3.2	2.1	1.2	0.6	n/a	n/a	n/a	
25	SSS25411BZ	4	11	188	8" - 11"	10.125	0.75	4.6	3.7	3	1.7	0.7	n/a	n/a	n/a	n/a	

BOLT CIRCLE

	<p>4" (102mm) square 10-1/8" (257mm) sq.</p>  <p>11" (279mm) Dia. Bolt Circle</p>
Bolt Circle	Slotted 8" - 11"
Anchor Bolt Size	0.75" x 30"
Anchor Bolt Projection	3.25"
Base Plate Opening for Wireway Entry	3.625"
Base Plate Dimensions	10.125" sq. x 3/4" thk.
Pole Gauge	11

EPA

FIGURE 1	CONFIGURATION	EPA
	Single	0.6
	2 @ 180°	0.7
	3 @ 90°	2.1
	4 @ 90°	2.1