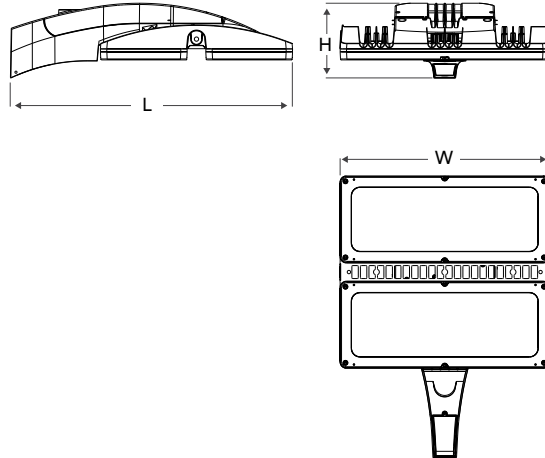




HLA

High Lumen Area LED Area Luminaire



Specifications

EPA:	2.3 ft ² (0.21 m ²)
EPA: (Fixture with a HS)	2.89 ft ² (0.27 m ²)
Length:	33" (83.8 cm)
Width:	25" (62.5 cm)
Height:	8.75" (22.2 cm)
Weight:	70 lbs (31.75 kg)

Catalog
Number

Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Introduction

The true power of LED is on display with the High Lumen Area (HLA) from Lithonia Lighting. It is the ideal 1000W metal halide replacement for area lighting applications with high mounting heights or those that require high levels of illumination. Through the use of hybrid silicone optics, the HLA delivers optimal distribution of light, while providing substantial energy savings and a long service life of over 100,000 hours.

Ordering Information

EXAMPLE: HLA LED P1 40K T1S MVOLT SPA DDBXD

HLA LED					
Series	Performance package	Color temperature	Distribution	Voltage	Mounting
HLA LED	P1 P2 P3	30K 3000 K 40K 4000 K 50K 5000 K	T1S Type I Short TFTM Forward Throw Medium T5M Type V Medium	MVOLT ¹ 277 ¹ 120 ¹ 347 ² 208 ¹ 480 ² 240 ¹	Shipped included SPA Square Pole Mounting RPA Round Pole Mounting ³

Options	Finish (required)
Shipped installed SF Single fuse (120, 277, 347V) ¹ DF Double fuse (208, 240, 480V) ¹ DMG 0-10V dimming driver (no controls) PER NEMA twist-lock receptacle only (no controls) ^{4,5} PER5 Five-wire receptacle only (no controls) ^{4,5} PER7 Seven-wire receptacle only (no controls) ^{4,5} PIRH Motion sensor, 15-30' mounting height ⁶ PIRH1FC3V Motion/ambient sensor, 15-30' mounting height, ambient sensor enabled at 1fc ⁶	Shipped separately¹⁰ HS House-side shield WG Wire guard VG Vandal guard (polycarbonate)
BL30 Bi-level switched dimming, 30% ⁷ BL50 Bi-level switched dimming, 50% ⁷ PNMTDD3 Part night, dim til dawn ⁸ PNMTSD3 Part night, dim 5 hrs ⁸ PNMT6D3 Part night, dim 6 hrs ⁸ PNMT7D3 Part night, dim 7 hrs ⁸ L90 Left rotated optics ⁹ R90 Right rotated optics ⁹ CFB Black faceplate	DWHXD White DDBXD Dark Bronze DBLXD Black DNAXD Natural Aluminum DBLBXD Textured black DDBTXD Textured dark bronze DNATXD Textured natural aluminum DWHGXD Textured white

Accessories

Ordered and shipped separately.

DLL127F 1.5 JU	Photocell - SSL twist-lock (120-277V) ¹¹
DLL347F 1.5 CUL JU	Photocell - SSL twist-lock (347V) ¹¹
DLL480F 1.5 CUL JU	Photocell - SSL twist-lock (480V) ¹¹
DSHORT SBK U	Shorting cap ¹¹
HLAHS DDBXD U	House-side shield accessory (specify finish)
HLAVG DDBXD U	Vandal guard accessory (specify finish)
HLAWG U	Wire guard accessory

NOTES

- MVOLT driver operates on any line voltage from 120-277V (50/60 Hz). Single fuse (SF) requires 120V, 277V or 347V. Double fuse (DF) requires 208V, 240V or 480V.
- Not available with BL30, BL50 or PNMT options.
- When using RPA in any configuration (single unit, 2 at 90°, 2 at 180°, etc.), a 4" min OD is required.
- Photocell ordered and shipped as a separate line item from Acuity Brands Controls. See accessories.
- If ROAM[®] node required, it must be ordered and shipped as a separate line item from Acuity Brands Controls. Additional hardware and services required for ROAM[®] deployment; must be purchased separately. Call 1-800-442-6745 or email: sales@roamservices.net.

- Specifies the [SensorSwitch SBGR-6-ODP](#) control; see [Outdoor Control Technical Guide](#) for details. Dimming driver standard. Not available with PER5 or PER7.
- Requires an additional switched circuit. Dimming driver standard. MVOLT only. Not available with 347V, 480V, PER5, PER7, or PNMT options.
- Dimming driver standard. MVOLT only. Not available with 347V, 480V, PER5, PER7, BL30 or BL50.
- Available with T1S and TFTM distributions.
- Also available as separate accessories; see Accessories information at left.
- Requires luminaire to be specified with PER option. Ordered and shipped as a separate line item from Acuity Brands Controls.

For more control options, visit [DTL](#) and [ROAM](#) online.



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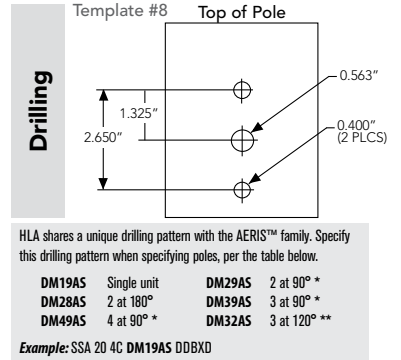
HLA
Rev. 09/01/2016

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	30K					40K					50K				
			Lumens	B	U	G	LPW	Lumens	B	U	G	LPW	Lumens	B	U	G	LPW
P1	328W	T1S	35,687	4	0	3	109	36,954	4	0	3	113	37,456	4	0	3	114
		TFTM	34,958	4	0	3	107	36,200	4	0	3	110	36,691	4	0	3	112
		TSM	34,199	5	0	2	104	35,514	5	0	2	108	35,895	5	0	2	109
P2	487W	T1S	48,960	5	0	3	101	50,699	5	0	3	104	51,387	5	0	3	106
		TFTM	47,960	5	0	4	98	49,664	5	0	4	102	50,338	5	0	4	103
		TSM	46,919	5	0	3	96	48,586	5	0	3	100	49,245	5	0	3	101
P3	598W	T1S	56,404	5	0	4	94	60,024	5	0	4	100	60,308	5	0	4	101
		TFTM	54,921	5	0	4	92	58,446	5	0	4	98	58,722	5	0	4	98
		TSM	54,324	5	0	3	91	57,811	5	0	3	97	58,084	5	0	3	97



Visit Lithonia Lighting's [POLES CENTRAL](#) to see our wide selection of poles, accessories and educational tools.

*Round pole top must be 4" O.D. minimum.

**For round pole mounting (RPA) only.

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient	Lumen Multiplier
0°C	1.05
10°C	1.04
20°C	1.01
25°C	1
30°C	0.98
40°C	0.94

Projected LED Lumen Maintenance

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	HLA LED P1			
	1	0.98	0.96	0.93
	HLA LED P2			
1	0.98	0.96	0.93	
	HLA LED P3			
1	0.93	0.89	0.83	

Electrical Load

Power Package	System Watts	Current (A)					
		120V	208V	240V	277V	347V	480V
P1	328W	2.8	1.6	1.4	1.2	1.0	0.8
P2	487W	4.1	2.3	2.0	1.8	1.4	1.4
P3	598W	5.0	2.8	2.4	2.1	1.7	1.3

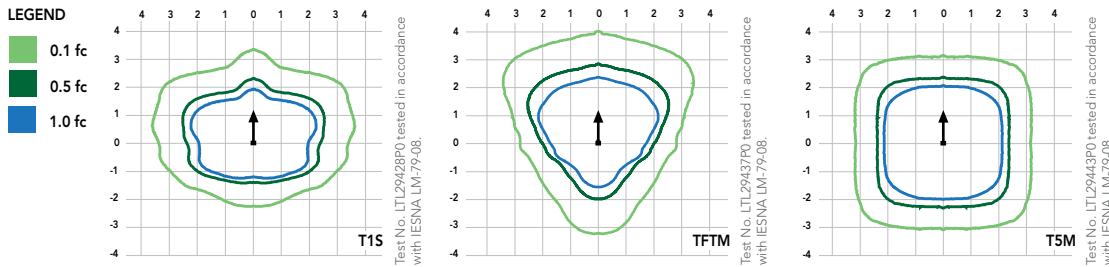
Tenon Mounting Slipfitter

Tenon O.D.	Single Unit	2 at 180°	2 at 90°	3 at 120°	3 at 90°	4 at 90°
2-3/8"	AST20-190	AST20-280	-	AST20-320	-	-
2-7/8"	AST25-190	AST25-280	-	AST25-320	-	-
4"	AST35-190	AST35-280	AST35-290	AST35-320	AST35-390	AST35-490

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit Lithonia Lighting's [HLA homepage](#).

Isofootcandle plots for the HLA LED P3 40K. Distances are in units of mounting height (30').



Mounting, Options and Accessories



HS
House-side shield



CFB
Black faceplate

FEATURES & SPECIFICATIONS

INTENDED USE

The contemporary design of the High Lumen Area reflects its embedded high-performance LED technology. It is ideal for applications like car dealerships and large parking lots adjacent to malls, transit stations, grocery stores, home centers, and other big-box retailers.

CONSTRUCTION

The High Lumen Area luminaire's die-cast aluminum housing has integral heat sink fins to optimize thermal management through conductive and convective cooling. The LED drivers are mounted in direct contact with the casting to promote low operating temperature and long life. Housing is completely sealed against moisture and environment contaminants (IP66). Low EPA 2.3 ft² (0.21 m²) for optimized wind loading.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling.

OPTICS

Silicone hybrid optics are engineered for superior field-to-beam ratios, uniformity, and spacing. Light engines are available in 3000 K, 4000 K and 5000 K configurations, with a 70 CRI minimum.

ELECTRICAL

Light engines consist of chip-on-board (COB) LEDs directly coupled to the housing to maximize heat dissipation and promote long life (100,000 hrs at 25°C, L83). Class 1 electronic driver has a power factor >90%, THD <20%, and has an expected life of 100,000 hours with <1% failure rate. Easily-serviceable surge protection device meets a minimum Category C low operation per ANSI/IEEE C62.41.2.

INSTALLATION

Included mounting block and integral arm facilitate quick and easy installation. 1,000 hour coated steel mounting bolts fasten the mounting block securely to poles and walls, enabling the High Lumen Area to withstand up to 1.5G vibration load rating per ANSCI C136.31. The High Lumen Area utilizes AERIS™ series pole drilling pattern (Template #8). NEMA photocontrol receptacle is available.

LISTINGS

CSA certified to U.S. and Canadian standards. IP66 rated for outdoor applications. Rated for -40°C minimum ambient conditions.

DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org to confirm which versions are qualified.

WARRANTY

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.