CS

CONTRACTOR SELECT™

LITHONIA LIGHTING®

Catalog Number	
Notes	
Type	

Contractor Select™

ESX1 LED

Area Luminaire

The ESX1 LED area luminaire provides the combination of best product, best price and best delivery and is ideal for replacing 150W to 400W HID luminaires. ESX provides up to 76% energy savings, long service life and fast payback. All ESX1 luminaires feature adjustable light output, providing two light levels from each luminaire, allowing greater flexibility in the field and on distributors' shelves. ESX LED is competitively priced and always in stock for quick delivery.

FEATURES:

- Replaces 150W to 400W HID

- 8,000 to 25,000 lumens

- Adjustable Light Output (ALO) technology (default set to high)

- Type 3 optic available in 4000K and 5000K

- Reversible arm mounts onto minimum 3.5" round and square poles

DLC PREMIUM   c UL us LISTED   WET LOCATION™   NIGHTTIME FRIENDLY™   5 YEAR warranty

Luminaire Package	CCT	High		Low		Finish	Voltage	Catalog Number	CI Code	UPC	Pallet qty.	Replaces Up To
		Lumens	Watts	Lumens	Watts							
ESX1 LED P2	4000K	14,000	98W	8,000	50W	DARK BRONZE	120-277V	ESX1 LED P2 40K R3 MVOLT UPA BLS DDBXD M2	*269PG3	00194994838302	80	150W to 250W
	5000K	14,000	98W	8,000	50W	DARK BRONZE	120-277V	ESX1 LED P2 50K R3 MVOLT UPA BLS DDBXD M2	*269PGY	00194994838555	80	
ESX1 LED P4	4000K	25,000	190W	21,000	146W	DARK BRONZE	120-277V	ESX1 LED P4 40K R3 MVOLT UPA BLS DDBXD M2	*269PG8	00194994838340	80	400W
	5000K	25,000	190W	21,000	146W	DARK BRONZE	120-277V	ESX1 LED P4 50K R3 MVOLT UPA BLS DDBXD M2	*269PH1	00194994838531	80	

Note: Not all ESX1 configuration options are included in the Contractor Select program. More configurations are available. Click here or visit www.acuitybrands.com and search for ESX1 LED.
All luminaires feature adjustable light output, a reversible arm for mounting on round and square poles and dark bronze finish. The lumen output and input watts shown are nominal values.

Specifications

INTENDED USE:

The ESX offers a complete area lighting package providing everything needed to replace 150W to 400W HID area luminaires. Adjustable light output provides two light levels from one product, allowing greater flexibility while helping reduce inventory costs.

CONSTRUCTION:

The ESX LED area luminaire features a rugged die-cast aluminum main body housing that uses heat-dissipating fins and flow-through venting to provide optimal thermal management that both enhances LED efficacy and extends component life. The mounting arm is made of extruded aluminum and its reversible function allows for mounting on round and square poles. The luminaires optics are IP66 rated, and sealed against moisture and environmental contaminants. The low-profile design results in a low EPA. ESX is rated for minimum 1.5 G vibration load per ANSI C136.31.

ELECTRICAL:

Light engines consist of high-efficacy LEDs with LED lumen maintenance greater than L87/60,000 hours. Color temperature (CCT) options of 4000K and 5000K with minimum CRI of 70 are available. Electronic drivers are 0-10V, capable of continuous dimming, and ensure system power factor >90% and THD <20%. All luminaires have 6kV surge protection. Driver input voltages available in MVOLT (120-277V) and HVOLT (347-480V).

INSTALLATION:

ESX features an extruded aluminum arm that is reversible allowing it to mount on both round and square poles. ESX1 can be mounted onto minimum 3.5" square and round poles. An accessory wall mount bracket is also available.

LISTINGS:

UL listed to meet U.S. and Canadian standards. Suitable for wet locations. Rated for -40°C minimum ambient.

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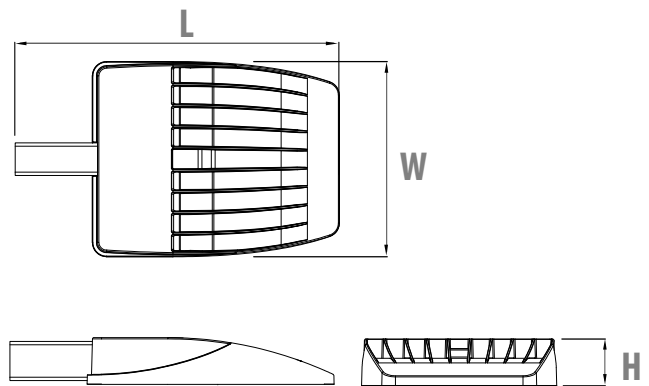
WARRANTY:

5-year limited warranty. Complete warranty terms located at: www.acuitybrands.com/support/warranty/terms-and-conditions.

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.

Dimensions

All dimensions are inches (centimeters) unless otherwise indicated.

Luminaire	Length (W)	Width (W)	Height (H)	Weight	EPA
ESX1 LED P2	19.9" (50.5 cm)	12.0" (30.5 cm)	2.9" (7.4 cm)	9.9 lbs (4.5 kg)	0.40 ft2 (0.04 m2)
ESX1 LED P4				11.2 lbs (5.1 kg)	

ADJUSTABLE LIGHT OUTPUT (ALO)

Internal Switch: Provides two light levels for greater flexibility within one product (default set to high).

Luminaire	Lumens (high)	Lumens (low)	HID Replacement
ESX1 LED P2	14,000	8,000	150W to 250W
ESX1 LED P4	25,000	21,000	400W

UPA – REVERSIBLE ARM MOUNT:

The UPA reversible arm is designed to mount onto round and square poles. During installation, the flat end of the arm is placed against the flat surface on square poles. When using with round poles, the arm can be turned around so that the curved end is placed against the curvature on round poles. ESX1 can be mounted onto minimum 3.5" square and round poles.