

SYLVANIA Lamps

ULTRA LED™ HIDr AREA LIGHT

Application

ULTRA LED HIDr replacement area lamps are ideal for outdoor shoebox and wallpack applications with a customizable lumen-selectable directional light output.

Benefits and Features

- Lasts up to 5 times longer than HID lamps
- No warm-up time, instant on with full light output and stable color
- Consumes up to 74% less energy than equivalent HID lamps while delivering same light output
- Lumen selectable light enabled through physical controls located on the lamp
- Continuous and standby dimming can be enabled on lamps 75W and higher, when paired with the optional snap-on motion/daylight sensor and remote control
- Built in extendable support frame and wire retention features for added support post-installation
- Rotatable base for easy installation
- Passive cooling design (higher reliability with no internal fan)
- Up to 150 LPW
- 3000K, 4000K and 5000K color temperature
- CRI 80+
- 180° directional light output

Electrical

- 120-277V_{AC}
- Power Factor >90%
- 6kV surge protection

Rated Life

- 50,000 hours (L₇₀)

Warranty

- Standard 5 year lamp warranty

Ambient Operating Range

- -40°F to +122°F (-40°C to +50°C)



Wattage Comparison

Traditional Source	Traditional System Wattage	LED System Wattage	Energy Savings	Energy Savings Over Lamp Life*
HID Metal Halide	70W HID	18W	74%	\$286
HID Metal Halide	100W HID	27W	73%	\$401
HID Metal Halide	175W HID	45W	74%	\$715
HID Metal Halide	250W HID	75W	70%	\$962
HID Metal Halide	400W HID	110W	73%	\$1,595

*Energy savings over life of lamp calculated at \$0.11/kWh

Certifications and Listings

- IP64 Rated
- cULus
- RoHS
- FCC*
- Lead Free
- Mercury Free

*This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Please visit: www.SYLVANIA.com/fccpart15b for more information.

Installation

- Requires easy ballast by-pass
- Lamp operates directly on line voltage, 120-277V_{AC}



Specification Data

Catalog #	Type
Project	
Comments	
Prepared by	

Ordering Guide

LED	XXX	HIDR	ODAREA	8	XX	Base Type
LED LED Lamps and Retrofits	Wattage 18, 27, 45, 75 or 110 Watts	Lamp Type HID Replacement	Application Outdoor Area Light	CRI 8 = 80+	Color Temperature 30 = 3000K 40 = 4000K 50 = 5000K	Base Type MED = E26 Medium Base MOG = EX39 Mogul Base

Ordering Information

Item Number	Ordering Abbreviation	Power (W)	Base Type	Replaces	Input Voltage (V)	Average Life (hrs)	CCT	Typical Lumens (lm)	Efficacy (lm/W)	CRI	Power Factor	Dimming ^{1,2}	Case Qty	DLC	CEC
41021	LED18HIDRODAREA830MED	18	Medium base	70W HID	120-277	50,000	3000K	2600	144	80+	0.9	Yes	4	No	No
41022	LED18HIDRODAREA840MED	18	Medium base	70W HID	120-277	50,000	4000K	2700	150	80+	0.9	Yes	4	No	No
41023	LED18HIDRODAREA850MED	18	Medium base	70W HID	120-277	50,000	5000K	2700	156	80+	0.9	Yes	4	No	No
41024	LED27HIDRODAREA830MED	27	Medium base	100W HID	120-277	50,000	3000K	3780	140	80+	0.9	Yes	4	No	Yes
41025	LED27HIDRODAREA840MED	27	Medium base	100W HID	120-277	50,000	4000K	4050	150	80+	0.9	Yes	4	No	Yes
41026	LED27HIDRODAREA850MED	27	Medium base	100W HID	120-277	50,000	5000K	4050	155	80+	0.9	Yes	4	No	Yes
41027	LED45HIDRODAREA830MOG	45	Mogul base	175W HID	120-277	50,000	3000K	6300	140	80+	0.9	Yes	4	No	Yes
41028	LED45HIDRODAREA840MOG	45	Mogul base	175W HID	120-277	50,000	4000K	6750	150	80+	0.9	Yes	4	No	Yes
41029	LED45HIDRODAREA850MOG	45	Mogul base	175W HID	120-277	50,000	5000K	6750	155	80+	0.9	Yes	4	No	Yes
41015	LED75HIDRODAREA830MOG	75	Mogul base	250W HID	120-277	50,000	3000K	10,500	140	80+	0.9	Yes	4	No	Yes
41016	LED75HIDRODAREA840MOG	75	Mogul base	250W HID	120-277	50,000	4000K	11,250	150	80+	0.9	Yes	4	No	Yes
41017	LED75HIDRODAREA850MOG	75	Mogul base	250W HID	120-277	50,000	5000K	11,250	155	80+	0.9	Yes	4	No	Yes
41018	LED110HIDRODAREA830MOG	110	Mogul base	400W HID	120-277	50,000	3000K	15,400	140	80+	0.9	Yes	4	No	Yes
41019	LED110HIDRODAREA840MOG	110	Mogul base	400W HID	120-277	50,000	4000K	16,500	150	80+	0.9	Yes	4	No	Yes
41020	LED110HIDRODAREA850MOG	110	Mogul base	400W HID	120-277	50,000	5000K	16,500	155	80+	0.9	Yes	4	No	Yes

¹Dimming can be controlled through a physical knob on 18W-45W lamp types or when paired with optional motion/daylight sensor and remote control on 75W-110W lamp types.

²Not compatible with other dimmers.

Accessory Information*

Item Number	Ordering Abbreviation	Description
75055	LED/ADAPTOR/MOGULBASE**	LED Retrofit HID Mogul Base Adaptor
41145	LEDHIDREMOTE	Remote Control
41146	LEDHIDSENSORMICROWAVEMOTDAY	Motion and Daylight Sensor

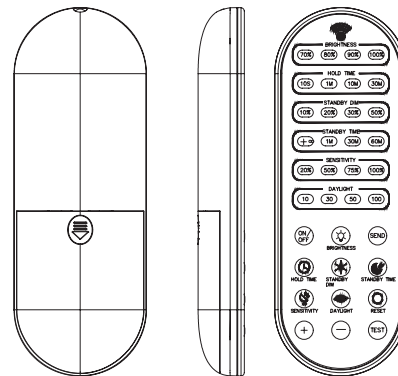
*Also compatible with HIDr Selectable and HIDr High Bay.

**Enables lamps with E26 medium base to be used in EX39 mogul base socket applications.

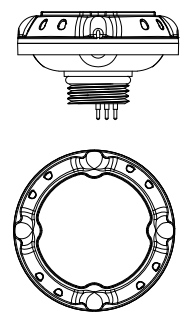
Mogul Base Adaptor



Remote Control



Motion and Daylight Sensor

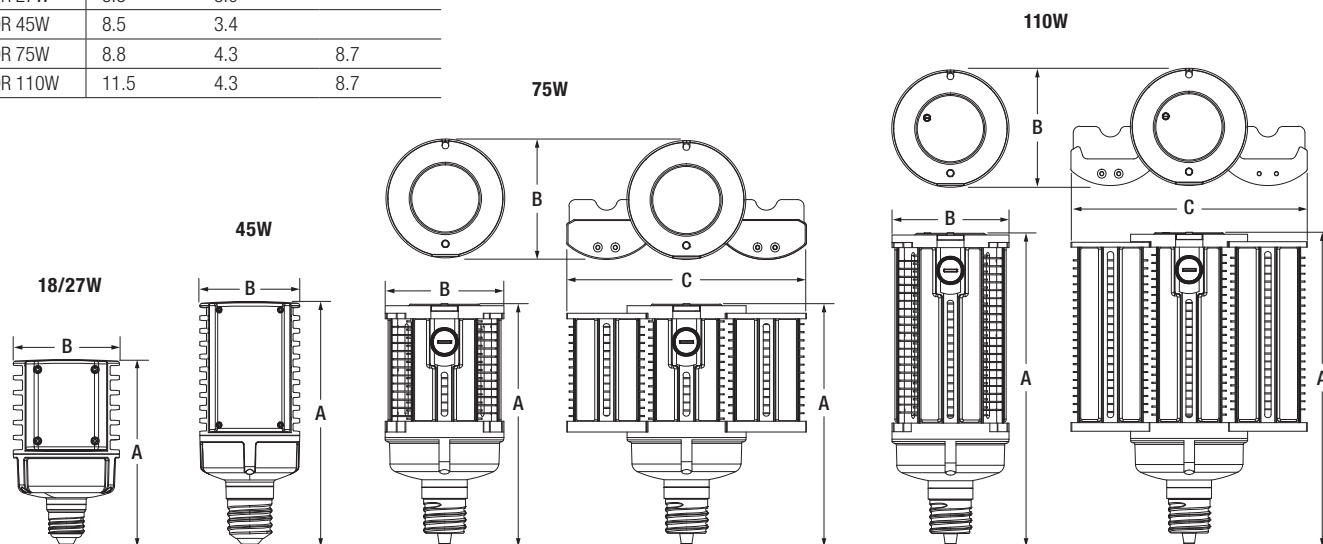


Extendable Support Frame



Physical Information

	(A) Height (inches)	(B) Diameter (inches)	(C) Width (inches)
LED HIDR 18W	5.3	3.0	
LED HIDR 27W	5.3	3.0	
LED HIDR 45W	8.5	3.4	
LED HIDR 75W	8.8	4.3	8.7
LED HIDR 110W	11.5	4.3	8.7



Additional Specifications

- Verify fixture size before installation to ensure fit.
- Dimming function can only be enabled either through a physical knob on 18W-45W lamps or by pairing with a SYLVANIA motion sensor and remote control (purchased separately) for 75W-110W lamps. Dimming is not compatible with other dimmers.
- Not suitable for outdoor fixtures with air vents.
- Should not be directly exposed to water.

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