Money-saving retrofit products for outdoor and indoor spaces
SYLVANIA ULTRA LED™ HID
Replacement Lamps

Introducing ULTRA LED™ HID replacement lamps
Broad selection of new products makes it easy to retrofit most applications

With options for any large-scale industrial or commercial application, SYLVANIA ULTRA LED™ HID replacement lamps offer a significant increase in performance and cost savings over traditional metal halide, high pressure sodium and mercury vapor. They feature a 50,000 hour lifetime, 80+ CRI, and they're backed by a 5 year warranty. A selectable option is available for when a color temperature adjustment may be desirable.
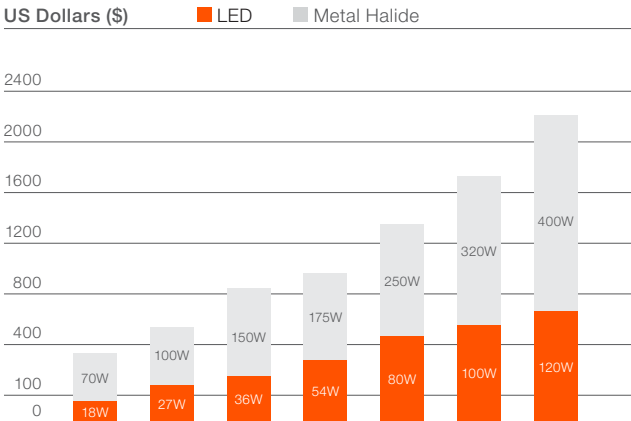
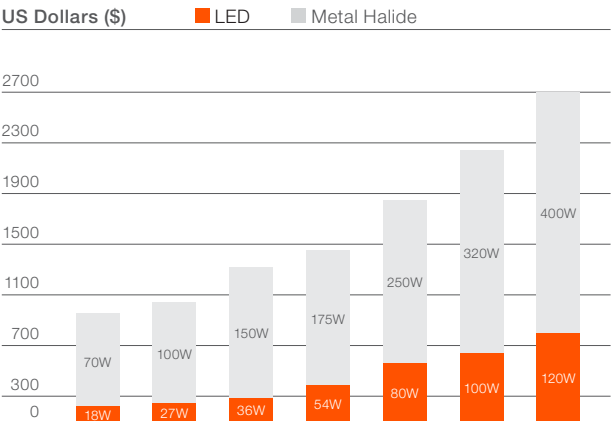# Total cost of ownership
Wattage comparison to HID lamps

	Metal Halide Area Lamp	ULTRA LED™ Area Light
Wattage	70W	18W
Rated life	10,000 hours	50,000 hours
Total cost of ownership over lifetime	$885	$199
	A traditional metal halide lamp no longer offers competitive advantages in performance or cost.	The new SYLVANIA ULTRA LED™ Area Light offers a significant increase in performance and cost savings when compared to metal halide. Reduced wattage and purchase price means a longer lasting and more efficient package.

Energy cost comparison*

US Dollars ($) ■ LED ■ Metal Halide

| 2400 |
| 2000 |
| 1600 |
| 1200 |
| 800 |
| 400 |
| 100 |
| 0 |

70W / 18W, 100W / 27W, 150W / 36W, 175W / 54W, 250W / 80W, 320W / 100W, 400W / 120W

* Based on 50,000 hours for LED replacement lamp compared to traditional HID technologies.

Total cost of ownership*

US Dollars ($) ■ LED ■ Metal Halide

| 2700 |
| 2300 |
| 1900 |
| 1500 |
| 1100 |
| 700 |
| 300 |
| 0 |

70W / 18W, 100W / 27W, 150W / 36W, 175W / 54W, 250W / 80W, 320W / 100W, 400W / 120W

* Based on 50,000 hours for LED replacement lamp compared to traditional HID technologies.

ULTRA LED™ High Bay lamps

Simple to install, high efficiency ULTRA LED High Bay lamps are ideal replacements for HID indoor high bay applications.

Benefits

Superior performance
— Up to 75% energy savings compared to HID lamps with 140 lumens per watt—without compromising light output

Plug-and-play compatibility with existing fixtures
— Compact form factor and ballast-free design makes installation quick and simple

High reliability
— Passive cooling design with no internal fan ensures long-life dependability

Extensive portfolio
— 175W–400W HID replacements
— 4000K and 5000K

Outstanding cost efficiency
— Competitive pricing, reduced wattage requirements and longer life add up to significant savings

Features

— 50,000 hour lifetime—up to five times longer than HID
— Surge protection up to 6kV
— Ballast-Free (Type-B ballast bypass)
— IP64 Rated for enclosed fixtures (-40°F to +122°F / -40°C to +50°C)
— Directional light—up-lighting with no light loss from fixture

— Standby dimming capability—available when paired with optional snap-on motion/daylight sensor and remote (dimming not compatible with other dimmers)
— Extendable base (up to 50mm)
— 4000K and 5000K CCT lamps produce the same lumen output

Applications

— Retail stores
— Warehouse/garages

Product offering

Item Number	Ordering Abbreviation	Wattage	Replaces	Base	CCT	Lumens
40982	LED60HIBAY840MOG 4/CS 1/SKU	60	up to 175W HID (HO)	Mogul	4000K	8400
40983	LED60HIBAY850MOG 4/CS 1/SKU	60	up to 175W HID (HO)	Mogul	5000K	8400
40978	LED80HIBAY840MOG 4/CS 1/SKU	80	up to 250W HID	Mogul	4000K	11,200
40979	LED80HIBAY850MOG 4/CS 1/SKU	80	up to 250W HID	Mogul	5000K	11,200
40972	LED100HIBAY840MOG 4/CS 1/SKU	100	up to 400W HID	Mogul	4000K	14,000
40973	LED100HIBAY850MOG 4/CS 1/SKU	100	up to 400W HID	Mogul	5000K	14,000
40980	LED120HIBAY840MOG 4/CS 1/SKU	120	up to 400W HID (HO)	Mogul	4000K	16,800
40981	LED120HIBAY850MOG 4/CS 1/SKU	120	up to 400W HID (HO)	Mogul	5000K	16,800

Optional product accessories are available and are listed on page 10.

ULTRA LED™ Work Light

Rugged ULTRA LED Work Lights are ideal replacements for HID and fluorescent temporary lighting in indoor construction and job site applications.

Benefits

Durable and versatile design
— Metal casing enclosure, multiple mounting options

Superior performance
— Up to 75% energy savings compared to HID lamps with 130 lumens per watt—without compromising light output

Plug-and-play compatibility with existing fixtures
— Compact form factor and easy daisy chaining makes installation quick and simple

High reliability
— Passive cooling design with no internal fan ensures long-life dependability

Extensive portfolio
— 175W–400W HID replacements
— 5000K

Outstanding cost efficiency
— Competitive pricing, reduced wattage requirements and longer life add up to significant savings

Features

— 50,000 hour lifetime—up to five times longer than HID
— Best-in-class daisy chain capability—up to 16 fixtures (60W); 10 fixtures (100W); 6 fixtures (130W): cord length up to 35 feet
— Easily turn light on and off, with or without standard remote
— Surge protection up to 6kV

— IP64 Rated for enclosed fixtures (-40°F to +122°F / -40°C to +50°C)
— Omni-directional, with light distribution similar to HID lamps
— Standby dimming capability—available when paired with optional snap-on motion/daylight sensor and remote (dimming not compatible with other dimmers)

Applications

— Construction
— Temporary lighting

Product offering

Item Number	Ordering Abbreviation	Wattage	Replaces	Lumens	Daisy-chain	Cord Length	CCT
40974	LEDWORKLIGHT060850PLGRMT	60	up to 175W HID	7500	up to 16 fixtures	15.5 ft	5000K
40975	LEDWORKLIGHT100850PLGRMT	100	up to 250W HID	12,000	up to 10 fixtures	35 ft	5000K
40976	LEDWORKLIGHT130850PLGRMT	130	up to 400W HID	17,000	up to 6 fixtures	35 ft	5000K

Optional product accessories are available and are listed on page 10.

ULTRA LED™ Area Light

Offering a customizable lumen-selectable directional light output, ULTRA LED HID Area Lights are ideal retrofits for outdoor shoebox and wallpack applications.
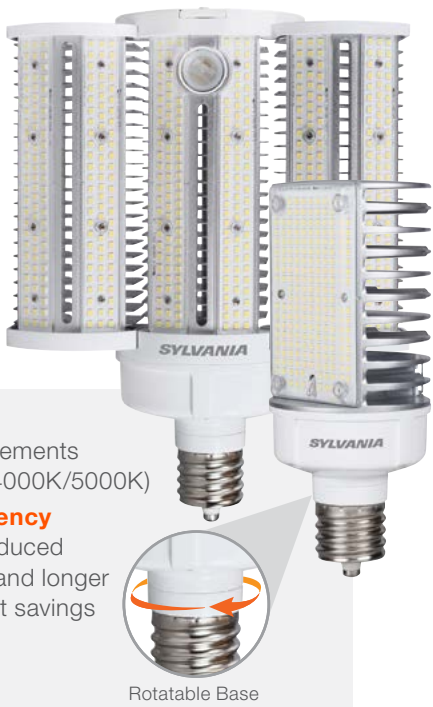
Benefits

Superior performance
— Up to 76% energy savings compared to HID lamps with 150 lumens per watt—without compromising light output

Plug-and-play compatibility with existing fixtures
— Compact form factor and ballast-free design makes installation quick and simple

High reliability
— Passive cooling design with no internal fan ensures long-life dependability

Extensive portfolio
— 70W–400W HID replacements
— Discrete CCT (3000K/4000K/5000K)

Outstanding cost efficiency
— Competitive pricing, reduced wattage requirements and longer life add up to significant savings

Rotatable Base

Features

— 50,000 hour lifetime—up to five times longer than HID
— Surge protection up to 6kV
— Ballast-Free (Type-B ballast bypass)
— IP64 Rated for enclosed fixtures (-40°F to +122°F / -40°C to +50°C)
— Directional light—no light loss from fixture

— Rotatable base to optimize light and lamp orientation
— Standby and continuous dimming capability—available for lamps 80W and higher when paired with optional snap-on motion/daylight sensor and remote (dimming not compatible with other dimmers)

Applications

— Parking lots
— Street lighting

Product offering

Item Number	Ordering Abbreviation	Wattage	Replaces	Base	CCT	Lumens	Dimming[1,2]
41021	LED18HIDRODAREA830MED	18	70W HID	Medium	3000K	2600	Yes
41022	LED18HIDRODAREA840MED	18	70W HID	Medium	4000K	2700	Yes
41023	LED18HIDRODAREA850MED	18	70W HID	Medium	5000K	2800	Yes
41024	LED27HIDRODAREA830MED	27	100W HID	Medium	3000K	3780	Yes
41025	LED27HIDRODAREA840MED	27	100W HID	Medium	4000K	4050	Yes
41026	LED27HIDRODAREA850MED	27	100W HID	Medium	5000K	4185	Yes
41027	LED45HIDRODAREA830MOG	45	175W HID	Mogul	3000K	6300	Yes
41028	LED45HIDRODAREA840MOG	45	175W HID	Mogul	4000K	6750	Yes
41029	LED45HIDRODAREA850MOG	45	175W HID	Mogul	5000K	6975	Yes
41015	LED75HIDRODAREA830MOG	75	250W HID	Mogul	3000K	10,500	Yes
41016	LED75HIDRODAREA840MOG	75	250W HID	Mogul	4000K	11,250	Yes
41017	LED75HIDRODAREA850MOG	75	250W HID	Mogul	5000K	11,625	Yes
41018	LED110HIDRODAREA830MOG	110	400W HID	Mogul	3000K	15,400	Yes
41019	LED110HIDRODAREA840MOG	110	400W HID	Mogul	4000K	16,500	Yes
41020	LED110HIDRODAREA850MOG	110	400W HID	Mogul	5000K	17,050	Yes

1 Dimming 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.
2 Not compatible with other dimmers.

ValueLED™ High Lumen A-Line lamps

ValueLED High Lumen replacement A-line lamps are ideal for outdoor bollard or post top applications and indoor low bay lighting.

Benefits

Superior performance
— Up to 77% energy savings compared to HID lamps with 125–135 lumens per watt—without compromising light output

Plug-and-play compatibility with existing fixtures
— Compact form factor and ballast-free design makes installation quick and simple

High reliability
— Passive cooling design with no internal fan ensures long-life dependability

Extensive portfolio
— 50W–100W HID replacements
— Discrete CCT (3000K/4000K/5000K)

Outstanding cost efficiency
— Competitive pricing, reduced wattage requirements and longer life add up to significant savings

Features

— Lasts up to 4 times longer than HID— 40,000 hours (50/70W) and 25,000 hours lifetime (100W)
— Surge protection up to 2kV
— Ballast-Free (Type-B ballast bypass)
— IP64 Rated for enclosed fixtures (-4°F to +113°F / -20°C to +45°C)

— Omni-directional, with light distribution similar to HID lamps
— ENERGY STAR® rated
— Universal Voltage rated (120-277Vᴀᴄ)

Applications

— Bollards
— Open and enclosed fixtures
— Outdoor lighting
— Pathway lighting

Product offering

Item Number	Ordering Abbreviation	Wattage	Replaces	Base	Shape	MOL	CCT	Lumens
41033	LED17HIDRA21UNV830MED	17	50W HID/ 100W Incandescent	Medium	A21	5.2"	3000K	2040
41034	LED17HIDRA21UNV840MED	17	50W HID/ 100W Incandescent	Medium	A21	5.2"	4000K	2125
41035	LED17HIDRA21UNV850MED	17	50W HID/ 100W Incandescent	Medium	A21	5.2"	5000K	2125
41036	LED24HIDRA23UNV830MED	24	70W HID/ 150W Incandescent	Medium	A23	6.5"	3000K	3000
41037	LED24HIDRA23UNV840MED	24	70W HID/ 150W Incandescent	Medium	A23	6.5"	4000K	3240
41038	LED24HIDRA23UNV850MED	24	70W HID/ 150W Incandescent	Medium	A23	6.5"	5000K	3240
41039	LED32HIDRPS25UNV830MED	32	100W HID/ 200W Incandescent	Medium	PS25	7.2"	3000K	4000
41040	LED32HIDRPS25UNV840MED	32	100W HID/ 200W Incandescent	Medium	PS25	7.2"	4000K	4320
41041	LED32HIDRPS25UNV850MED	32	100W HID/ 200W Incandescent	Medium	PS25	7.2"	5000K	4320

Optional product accessories are available and are listed on page 10.

ULTRA LED™ High Lumen lamps

Super-efficient and easy to install, ULTRA LED High Lumen lamps are self-ballasted replacements for existing HID installations. They offer broad, even light distribution and are ideal for indoor high/low bay lighting and outdoor post top and street/roadway lighting applications.

Benefits

Superior performance
— Up to 76% energy savings compared to HID lamps with 145 lumens per watt—without compromising light output

Plug-and-play compatibility with existing fixtures
— Compact form factor and ballast-free design makes installation quick and simple
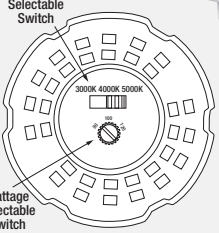
High reliability
— Passive cooling design with no internal fan ensures long-life dependability

Extensive portfolio
— 70W–400W HID replacements
— Discrete CCT (3000K/4000K/5000K)

Outstanding cost efficiency
— Competitive pricing, reduced wattage requirements and longer life add up to significant savings

Features

— 50,000 hour lifetime—up to five times longer than HID
— Surge protection up to 6kV
— Ballast-Free (Type-B ballast bypass)

— IP64 Rated for enclosed fixtures (-40°F to +122°F / -40°C to +50°C)
— Omni-directional, with light distribution similar to HID lamps

Applications

— Parking lots
— Retail stores
— Street lighting
— Walkway lighting
— Warehouse/garages

Product offering

Item Number	Ordering Abbreviation	Wattage	Replaces	Base	CCT	Lumens
40703	LED18HIDR830 4/CS 1/SKU	18	up to 70W HID	Medium	3000K	2,400
40704	LED18HIDR840 4/CS 1/SKU	18	up to 70W HID	Medium	4000K	2,600
40705	LED18HIDR850 4/CS 1/SKU	18	up to 70W HID	Medium	5000K	2,600
40706	LED27HIDR830 4/CS 1/SKU	27	up to 100W HID	Medium	3000K	3,600
40707	LED27HIDR840 4/CS 1/SKU	27	up to 100W HID	Medium	4000K	3,900
40708	LED27HIDR850 4/CS 1/SKU	27	up to 100W HID	Medium	5000K	3,900
40872	LED36HIDR830MED 4/CS 1/SKU	36	up to 150W HID	Medium	3000K	4,800
40873	LED36HIDR840MED 4/CS 1/SKU	36	up to 150W HID	Medium	4000K	5,200
40874	LED36HIDR850MED 4/CS 1/SKU	36	up to 150W HID	Medium	5000K	5,200
40709	LED36HIDR830 4/CS 1/SKU	36	up to 150W HID	Mogul	3000K	4,800
40710	LED36HIDR840 4/CS 1/SKU	36	up to 150W HID	Mogul	4000K	5,200
40711	LED36HIDR850 4/CS 1/SKU	36	up to 150W HID	Mogul	5000K	5,200
40860	LED45HIDR830MOG 4/CS 1/SKU	45	up to 150W HID HO	Mogul	3000K	6,000
40861	LED45HIDR840MOG 4/CS 1/SKU	45	up to 150W HID HO	Mogul	4000K	6,500
40862	LED45HIDR850MOG 4/CS 1/SKU	45	up to 150W HID HO	Mogul	5000K	6,500
40712	LED54HIDR830 4/CS 1/SKU	54	up to 175W HID	Mogul	3000K	7,200
40713	LED54HIDR840 4/CS 1/SKU	54	up to 175W HID	Mogul	4000K	7,800
40714	LED54HIDR850 4/CS 1/SKU	54	up to 175W HID	Mogul	5000K	7,800
40715	LED80HIDR830 4/CS 1/SKU	80	up to 250W HID	Mogul	3000K	10,800
40716	LED80HIDR840 4/CS 1/SKU	80	up to 250W HID	Mogul	4000K	11,600
40717	LED80HIDR850 4/CS 1/SKU	80	up to 250W HID	Mogul	5000K	11,600
40718	LED100HIDR830 4/CS 1/SKU	100	up to 320W HID	Mogul	3000K	13,500
40719	LED100HIDR840 4/CS 1/SKU	100	up to 320W HID	Mogul	4000K	14,500
40720	LED100HIDR850 4/CS 1/SKU	100	up to 320W HID	Mogul	5000K	14,500
40721	LED120HIDR830 4/CS 1/SKU	120	up to 400W HID	Mogul	3000K	16,200
40722	LED120HIDR840 4/CS 1/SKU	120	up to 400W HID	Mogul	4000K	17,400
40723	LED120HIDR850 4/CS 1/SKU	120	up to 400W HID	Mogul	5000K	17,400

Optional product accessories are available and are listed on page 10.

ULTRA LED™ Selectable High Lumen lamps

ULTRA LED HID lamps are ideal replacements for indoor high/low bay lighting and outdoor decorative post top fixtures in walkway lighting applications. The CCT selectable option allows for customizable light output replacing up to 400W HID applications.

Benefits

Superior performance
— Up to 76% energy savings compared to HID lamps with 155 lumens per watt—without compromising light output

Plug-and-play compatibility with existing fixtures
— Compact form factor and ballast-free design makes installation quick and simple

High reliability
— Passive cooling design with no internal fan ensures long-life dependability

Extensive portfolio
— 50W–400W HID replacements
— Selectable CCT (3000K/4000K/5000K)

Outstanding cost efficiency
— Competitive pricing, reduced wattage requirements and longer life add up to significant savings

Features

— 50,000 hour lifetime—up to five times longer than HID
— Surge protection up to 6kV
— Ballast-Free (Type-B ballast bypass)
— IP64 Rated for enclosed fixtures (-40°F to +122°F / -40°C to +50°C)
— Omni-directional, with light distribution similar to HID lamps

— Standby and continuous dimming capability—available for lamps 80W and higher when paired with optional snap-on motion/daylight sensor and remote (dimming not compatible with other dimmers)
— Easy sensor retrofit for motion and daylight sensing

Applications

— Parking lots
— Retail stores
— Street lighting
— Walkway lighting
— Warehouse/garages

Product offering

Item Number	Ordering Abbreviation	Wattage	Wattage Selectable	Replaces	Base	CCT Selectable 3000K Lumens	4000K Lumens	5000K Lumens	Dimming[2,3]
41006	LED12HIDR8SC2MED 4/CS 1/SKU	12	—	50W HID	Medium	1680	1860	1800	No
41007	LED18HIDR8SC2MED 4/CS 1/SKU	18	—	70W HID	Medium	2600	2800	2700	No
41008	LED27HIDR8SC2MED 4/CS 1/SKU	27	27 / 18 / 12	100W HID	Medium	3780 / 2400 / 1600	4200 / 2700 / 1900	4050 / 2700 / 1800	Yes
41009	LED36HIDR8SC2MED 4/CS 1/SKU	36	36 / 27 / 18	150W HID	Medium	5040 / 3700 / 2500	5600 / 4240 / 2860	5400 / 4200 / 2850	Yes
41010	LED45HIDR8SC2MOG 4/CS 1/SKU	45	45 / 36 / 27	150W HID HO[1]	Mogul	6300 / 4900 / 3700	7000 / 5500 / 4250	6750 / 5400 / 4200	Yes
41011	LED54HIDR8SC2MOG 4/CS 1/SKU	54	54 / 45 / 36	175W HID	Mogul	7560 / 6200 / 5000	8400 / 6900 / 5600	8100 / 6800 / 5500	Yes
41012	LED80HIDR8SC2MOG 4/CS 1/SKU	80	80 / 63 / 54	250W HID	Mogul	11,200 / 8700 / 7600	12,400 / 9700 / 8500	12,000 / 9400 / 8300	Yes
41013	LED100HIDR8SC2MOG 4/CS 1/SKU	100	100 / 80 / 63	320W HID	Mogul	14,000 / 11,000 / 8800	15,500 / 12,200 / 9800	15,000 / 11,800 / 9600	Yes
41014	LED120HIDR8SC2MOG 4/CS 1/SKU	120	120 / 100 / 80	400W HID	Mogul	16,800 / 13,800 / 11,300	18,600 / 15,500 / 12,500	18,000 / 14,800 / 12,200	Yes

1 HO refers to a High Output lumen replacement.
2 Dimming can be controlled through a physical knob on 27W–120W lamp types or when paired with optional motion/daylight sensor and remote control on 80W–120W lamp types.
3 Not compatible with other dimmers.

Optional product accessories are available and are listed on page 10.

HID replacement lamp accessories
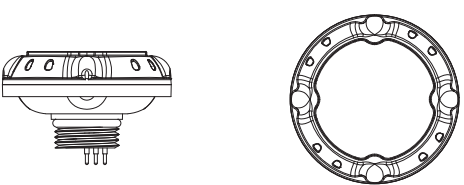
Medium to mogul base adaptor

Works with:		

Item Number	Ordering Abbreviation
75055	LED/ADAPTOR/MOGULBASE

Motion and daylight sensor
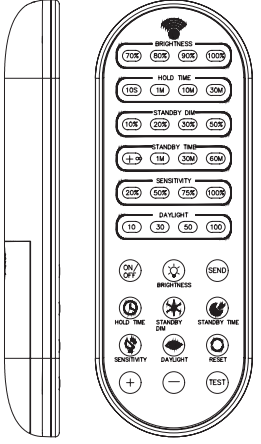
Works with:		

Item Number	Ordering Abbreviation
41146	LEDHIDRSENSORMICROWAVEMOTDAY

Remote control

Works with:

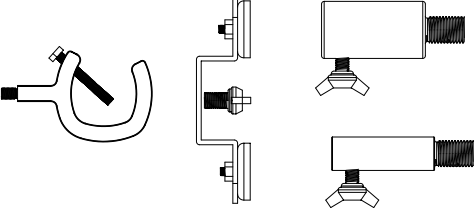| Item Number	Ordering Abbreviation
41145	LEDHIDRREMOTE

Work Light tripod

Works with:

Item Number	Ordering Abbreviation
41147	LEDWORKLIGHTTRIPOD

Work Light mounting pack

Works with:

Item Number	Ordering Abbreviation
41148	LEDWORKLIGHTMOUNTINGPACK

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