

A Complete Range of Ultra Energy-Efficient LED Lamps, Fixtures and Retrofit Kits for Commercial, Institutional, Industrial and Municipal Applications



















HyLite LED Lighting is a division of ARVA - a family-owned, certified MBE/DBE, operating out of a 51,000 Sq. ft. facility in Rock Hill, South Carolina, USA. HyLite specializes in the design and manufacturing of Innovative, ultra energy-efficient LED Lamps, Fixtures and Retrofit Kits for Commercial, Institutional, Industrial and Municipal applications.

HyLite focuses on designing, manufacturing, and marketing quality LED Lighting products at affordable prices and provides services that are above industry standard. By effectively integrating engineering talents across four different fields - optics, electrical and mechanical engineering, and thermal management - HyLite provides LED Lighting products that are engineered for years of dependable performance for retrofitting and new construction applications.

HyLite offers a wide variety of industrial-quality, cutting-edge LED lighting solutions. Our products are rigorously tested to maintain integrity and specification compliance. We continuously refine the technology that drives our products and are dedicated to improving our offering within each category. HyLite prides itself on being a leading edge manufacturer of specialty LED lighting products for those specifically unusual applications. If you can envision it, HyLite can create it.

Our business model is specifically tailored to be responsive and committed to our customers' needs. We strive for excellence in service, vision, integrity, and creating high quality and dependable LED Lighting Solutions. At HyLite, our commitment to spread environmentally sound and energy efficient lighting solutions is more than just "going green." It is our mission to help protect the environment through our revolutionary lighting systems and ensure long-term economic sustainability for businesses, communities, and governments around the globe. We would like to provide you with the opportunity to join us in this endeavor.

The HyLite Team

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911 East White Street

Rock Hill, SC 29730, USA

Tel: 803-336-2230 Fax: 803-336-2231

www.HyLiteLEDLighting.com

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360°

Illumination

For Enclosed

Luminaires

Up to

60,000 Hours

Reduction of

up to 90%

Sustainable Communities Begin with Smart Choices

Financial Savings. Resource Savings. Sustainability.



HyLite Sustainable Lighting Solutions offer Outstanding Performance while Dramatically Reducing Energy Consumption

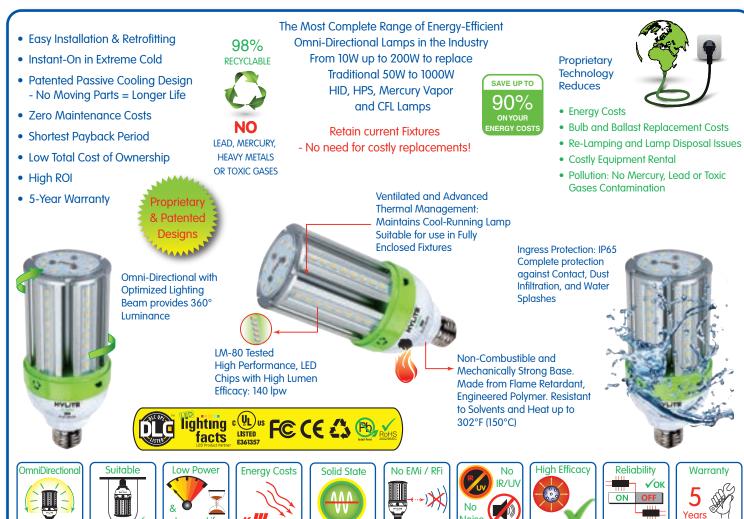
Why spend time and money replacing entire Fixtures, when you can upgrade your Lighting system by simply changing the lamps with HyLite Lights? Whether it is Streets, Walkways, Public Areas, Parking Structures, or Offices, HyLite Lights can transform your organization and city with energy-efficient, aesthetically pleasing lighting that provides dramatically better visibility - making your facilities and public areas safe and secure.

HyLite offers cutting-edge technology to maximize payback and minimize maintenance costs. With a typical energy savings of 65%-90% over traditional lighting sources, nearly zero maintenance, fast payback, and a low total cost of ownership, upgrading to HyLite Lights just makes sense. It provides a difference you can see with the payback you expect.

HyLite Lights lower maintenance costs by eliminating the need for ballasts and ballast changes while reducing relamping and disposal costs. The amount of time, energy, and money spent on maintaining your lighting system will be dramatically reduced while maximizing your bottom line. HyLite Lights perform virtually maintenance-free – there's no need to touch them for many years.

HyLite High Performance LED Omni-Cob™ Lamps

Designed to last up to 60,000 hours (17 years at an on-time of 10 hours/day) while maintaining more than 90% of its initial lumens through its lifespan



Interference

Vibration and

Shock Resistant

Radiation-Free

140 lpw

No Humming LM-79 Tested ISTMT Tested

LM-80 Tested

Safe and

Reliable

Up to 60,000 hour Rated Performance Life with Outstanding Quality of Light: While traditional lighting lamps can lose 40% or more of their initial light output within the first year of operation with significant color shifts, HyLite LED Omni-Cob Lamps maintain more than 90% of their initial lumens over their lifespan, with significantly better color stability. The HyLite LED Omni-Cob Lamps simply showcase your facilities and public areas through better illumination.



- Ultra-Efficient Lighting with high efficacy of 140 lpw
- Easy Installation & Retrofitting
- Instant-On in Extreme Cold
- Patented Passive Cooling Design - No Moving Parts
- Zero Maintenance Costs
- Shortest Payback Period
- Low Total Cost of Ownership
- High ROI
- Patented Technology Delivers Maximum, Lifetime Energy Savings
- 5-Year Warranty

98% RECYCLABLE



NO LEAD, MERCURY, **HEAVY METALS OR TOXIC GASES**

HyLite High Performance LED Omni-Cob Lamps

The Most Complete Range of Energy-Efficient Omni-Directional Lamps in the Industry: From 10W up to 200W to replace Traditional 50W to 1000W HID, HPS, Mercury Vapor and CFL Bulbs

Retain current Fixtures - No need for costly replacements!





Proprietary Technology Reduces

- Energy Costs
- Bulb and Ballast Replacement Costs
- Re-Lamping and Lamp Disposal Issues
- Costly Equipment Rental
- Pollution: No Mercury, Lead or Toxic **Gases Contamination**



HyLite LED Omni-Cob Lamps - Projected LED Lumen Maintenance

Calculated	10,000	20,000	30,000	40,000	50,000	60,000	100,000	150,000	200,000
L70 Hours	Hours	Hours	Hours						
256,833	97.04%	95.77%	94.50%	93.67%	92.52%	90.81%	86.07%	80.56%	

Tested per IESNA LM-80-08 and projected per IESNA TM-21-11 Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 6,000 hours of LED

FREE 20kA **Surge Protection** Device Included. Additional Protection for your HyLite **Omni-Cob Lamp** at no Cost!

Universal Burning Positioning Lamp can be oriented in any position - will not affect or diminish the life of the Lamp

For Detail Specifications and additional Technical Information, please visit: www.HyLiteLEDLighting.com



Base Down





Base Up

HyLite High Performance LED Omni-Cob™ Lamps

Realizing Energy and Maintenance Savings is a simple changeover!











Environmental Benefits:

- Reduces Resource Consumption: Less Lamp Replacements = Less Lamp Disposal and Waste, as well as Resources and Processes used (manufacturing, packaging, distribution, and shipping of light replacements)
- Eco Friendly: Significantly reduces Carbon Footprint and CO₂ Emissions
- Energy Costs by up to 90%
- Bulb and Ballast Replacement Costs
- Pollution: No Heavy-metals Contamination
- Lamp Disposal Issues
- Perfect Combination with Renewable Energy: Can be combined with Solar and Wind Power to achieve highly reliable lighting with the best cost performance
- 98% of the HyLite LED Omni-Cob Lamp is recyclable

High Bay & Low Bay Lighting

• Parking Lot & Shoe Box Fixtures

- Bollards
- Recessed Down Lights

Ideal for high-quality illumination in:

- Pendant Lights
- Wall Packs
- Jelly Jar Lights
- Outdoor/Area Lighting
- Decorative Lighting
- Explosion-proof Fixtures

- Wall Scones
- Accent Lighting
- Canopy Lights
- Historic/Vintage Fixtures
- Security Lights

• Signal Lighting

Beacons

- Acorn & Globe Fixtures
- Site & Area Lighting Carriage Lanterns Cold Storage Lights

Tunnel Lights

- Rail Road Station Platforms
- Task Lighting
- Pedestrian Tunnels • Court & Gymnasium Lights

Parking Garage Lights

• Driveway & Walkway Lighting

• Stairwells, Corridors Lighting

Park & Playground Lighting

• Street / Roadway / Post Top

- Costly Equipment Rental

- Relamping

Flood Lighting

Ordering Information: Model Number

Wattage Base CCT



Legend

50K (5000K) = Daylight40K (4000K) = Neutral White 30K (3000K) = Warm White

E26/E27 = Medium Base E39/E40 = Mogul Base

* Special Order Item

W	W 1	· W		10	T U		W W	1			
Wattage	Base	ССТ	Lumens	Efficacy	Equivalent To	Energy Savings+	Maximum Install Height	Dimension Diameter	ons & Weigh Height	t (Each) Weight	Case Qty.
10W	E26	50K 40K* 30K*	1400	140 lpw	75W Inc. 50W HID 30W CFL	87% 80% 67%	8~10 ft. (2.5~3m)	2.4" (60mm)	5.5" (140mm)	9 oz. (250g)	48
14W	E26	50K 40K* 30K*	1960	140 lpw	100W Inc. 60W HID 42W CFL	86% 77% 67%	8~10 ft. (2.5~3m)	2.9" (73mm)	6.2" (157mm)	13 oz. (370g)	48
18W	E26	50K 40K* 30K*	2520	140 lpw	125W Inc. 75W HID 45W CFL	86% 76% 60%	10~13 ft. (3~4m)	2.9" (73mm)	7" (177mm)	14 oz. (400g)	24
22W	E26	50K 40K* 30K*	3080	140 lpw	150W Inc. 100W HID 55W CFL	85% 78% 60%	<16 ft. (<5m)	2.9" (73mm)	7.75" (197mm)	1 lb. (440g)	24
27W	E26* E39	50K 40K* 30K*	3780	140 lpw	225W Inc. 150W HID 80W CFL	88% 82% 66%	<16 ft. (<5m)	3.7" (93mm)	8.4" (212mm)	1.75 lb. (790g)	12
36W	E26* E39	50K 40K* 30K*	5040	140 lpw	275W Inc. 175W HID 100W CFL	87% 79% 64%	<20 ft. (<6m)	3.7" (93mm)	9.5″ (242mm)	2.0 lb. (900g)	12
45W	E26* E39	50K 40K* 30K*	6300	140 lpw	350W Inc. 200W HID 125W CFL	87% 78% 64%	<26 ft. (<8m)	3.7" (93mm)	10.7" (272mm)	2.2 lb. (1kg)	12
54W	E39	50K 40K* 30K*	7560	140 lpw	450W Inc. 250W HID 175W CFL	88% 78% 69%	<26 ft. (<8m)	3.7" (93mm)	10.7" (272mm)	2.2 lb. (1kg)	12
100W	E39	50K 40K* 30K*	14000	140 lpw	800W Inc. 400W HID 300W CFL	88% 75% 67%	<32 ft. (<10m)	5.9" (149mm)	9.6" (244mm)	3.6 lb. (1.65kg)	4
150W	E39	50K 40K* 30K*	21000	140 lpw	1500W Inc. 750W HID 500W CFL	90% 80% 70%	<40 ft. (<12m)	5.9" (149mm)	11.5" (291mm)	3.1 lb. (1.4kg)	4
200W	E39	50K 40K* 30K*	28000	140 lpw	2000W Inc. 1000W HID 650W CFL	90% 80% 70%	<45 ft. (<15m)	5.9" (149mm)	14.1" (359mm)	4 lb. (1.8kg)	4

⁺ Does not include Ballast Loss, Maintenance and Replacement Lamp Savings and Disposal Costs which can amount to an additional Savings of 30~50%!

• CRI: >80

• Power Factor: >0.9

- Beam Angle: 360° • Protection: IP65
- Max. THD (%): <15%
 - Rated Life: 50~60,000 Hrs.*
- Universal Input Voltage 100~277V, AC 50/60 Hz.

• Ambient Working Temp.: -22~+140°F (-30~+60°C)

*Depending upon the ambient temperature of the installation location



HyLite LED High Performance Arc-Cob Lamps

& Patented Design!

Positive impact on your bottom line from day one!



SAVE UP TO

90%

ON YOUR

98%

RECYCLABLE

NO

LEAD, MERCURY,

HEAVY METALS

OR TOXIC GASES

Warranty



- Quick & Easy to install. Screw-in existing fixtures
- Instant Start and Restart: No warm up time required
- Universal Burning Position
- Compact size and Fully Encapsulated with Optical grade PC Lens
- Optimal Optical Performance: Increases Visibility and Security through even illumination with directional light dispersion
- Provides instant brightness with Zero Glares, Hot Spots, or Shadows
- Patented Design and Proprietary Integrated Heat Sink and Advanced Thermal Management System ensures long-life
- Ultra-efficient illumination with the highest luminous efficacy in its class -140 lpw
- Strong and Lightweight aviation grade housing, flame-retardant base and shatterproof lenses allows the Arc-Cob Lamp to be used in applications with harsh environments and extreme temperatures, and in High Shock and Vibration areas
- Universal Power (100-277V). Available for Voltages of 347-480V, and in DC Voltages for ideal use with Renewable Energy Resources



Optimized Lighting Beam provides 120° Luminance

Wide &

Uniform

better illumination.







For Enclosed



Reduction of up to 90%



350° Rotatable Base

for Directional Lighting.

Meets Dark Sky cut-off requirements

Up to 60,000 Hours LM-79 Tested



140 lpw



Strong, Non-combustible Base

made from Flame Retardant,

Engineered Polymer. Resistant

to Solvents and Heat up to 302°F (150°C)

Complete Protection

Dust Infiltration, and

against Contact,

Water Splashes

Interference



Radiation-Free No Humming Shock Resistant ISTMT Tested



HyLite High Performance LED Arc-Cob Lamps

Reduce:

- Energy Costs

- Re-Lamping

Ventilated and Advanced

Thermal Management:

Maintains Cool-Running

Lamp. Suitable for use in fully enclosed fixtures.

LM-80 Tested

LED Chips with

Efficacy: 140 lpw

High Lumen

High Performance,

- Bulb and Ballast

Replacement Costs

- Costly Equipment Rental

- Pollution: No Mercury or Lead Contamination

Does not contain any Toxic or Arsenic Gases

- Lamp Disposal Issues

Retain current Fixtures

- No need for costly replacements!

Available from 20W~100W for use in a wide variety

of applications, to replace Traditional 100W~400W

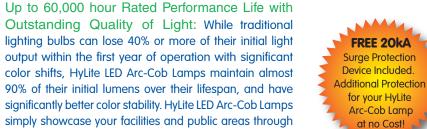
HID, HPS and Mercury Vapor Lamps

Vibration and





Long-Lasting



LM-80 Tested High Power, LED Chips with High Lumen Efficacy of 140 lpw



HyLite LED Arc-Cob Lamps - Projected LED Lumen Maintenance

Calculated	10,000	20,000	30,000	40,000	50,000	60,000	100,000	150,000	200,000
L70 Hours	Hours	Hours	Hours						
237,000	96.89%	95.41%	93.84%	92.30%	90.29%	89.31%	82.53%	75.73%	

Tested per IESNA LM-80-08 and projected per IESNA TM-21-11

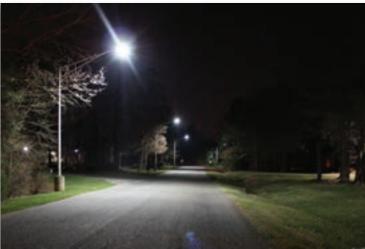


Improve Safety and Security with Bright, White Lighting

Public area lighting requires bright, uniform lighting for security and safety. From streetlights to public parks, the perception of safety for citizens and visitors alike is paramount. HyLite Lights feature exceptional color rendering and crisp, white light that increases safety for pedestrians on sidewalks, in parking lots, and in other public areas, while enhancing visibility for drivers. HyLite Lighting is a reliable lighting solution that can replace or retrofit current fixtures. Not only do HyLite Lights provide substantial financial benefits, but also upgrading to this revolutionary lighting will significantly increase safety, security, and visibility in and around your community. This is invaluable - a price cannot be put on safety!

> Before: 200W HPS Lamps After: Retrofitting with 40W HyLite LED Arc-Cob Lamps







HyLite LED High Performance Arc-Cob Lamps

Superior Quality of Light with Energy Savings up to 82% over HPS and MH



Before: 250W MH Lamps

After: Retrofitting with 40W HyLite LED, Arc-Cob Lamps





Ordering Information: Model Number

HL-AC-Wattage Base CCT

Legend

50K (5000K) = Daylight40K (4000K) = Neutral White 30K (3000K) = Warm White

E26/E27 = Medium Base

E39/E40 = Mogul Base









* Special Order Item

Wattage	Base	ССТ	Lumens	Efficacy	Equivalent To	Energy Savings+	Maximum Install Height	Dimension Diameter	ons & Weigh Height	t (Each) Weight	Case Qty.
20W	E26	50K 40K* 30K*	2800	140 lpw	150W Inc. 100W HID 55W CFL	87% 80% 64%	<16 ft. (5m)	3.6" (90mm)	7.75" (197mm)	1.5 lb. (550g)	12
30W	E39	50K 40K* 30K*	4200	140 lpw	225W Inc. 150W HID 80W CFL	87% 80% 63%	<20 ft. (6m)	3.6" (90mm)	9″ (225mm)	1.75 lb. (620g)	12
40W	E39	50K 40K* 30K*	7316	162 lpw	450W Inc. 250W HID 175W CFL	90% 82% 74%	<26 ft. (<8m)	3.6" (90mm)	10.75" (265mm)	2.0 lb. (920g)	12
100W (Type III)	E39	50K 40K* 30K*	9453	95 lpw	800W Inc. 400W HID 300W CFL	88% 75% 67%	<32 ft. (<10m)	4.3" (110mm)	11" (77mm)	2.2 lb. (1kg)	12
100W (Type V)	E39	50K 40K* 30K*	11268	110 lpw	800W Inc. 400W HID 300W CFL	88% 75% 67%	<32 ft. (<10m)	4.3" (110mm)	11" (77mm)	2.2 lb. (1kg)	12

[†] Does not include Ballast Loss, Maintenance and Replacement Lamp Savings and Disposal Costs which can amount to an additional Savings of 30~50%!

• CRI: >80

- Beam Angle: 120°
- Max. THD (%): <15%
- Universal Input Voltage

• Power Factor: >0.9

• Protection: IP42~IP65 • Ambient Working Temp.: -22~+140°F (-30~+60°C)

• Rated Life: 50~60,000 Hrs.*

100~277V, AC 50/60 Hz.

*Depending upon the ambient temperature of the installation location



HyLite LED High Performance Lotus Lamps

Versatile and Fully Adjustable - Use in Multiple Positions, Different Heights, Lengths and Various Angles for Directional Lighting



Before: 250W MH Lamps



After: Retrofitting with 40W HyLite LED Lotus Lamps





HyLite LED High Performance Lotus Lamps

Versatile - Use as a Stand-alone Fixture or as a Retrofit







Indoor Sports Courts and Gyms



HyLite LED Lotus Lamp Applications

Warehouses

11 11



Ordering Information: Model Number

HL-LS -

Wattage Base CCT

Legend

50K (5000K) = Daylight 40K (4000K) = Neutral White 30K (3000K) = Warm White

E26/E27 = Medium Base E39/E40 = Mogul Base

* Special Order Item

					Equivalent	Energy	Maximum	Dimensio	ons & Weigh	t (Each)	Case
Wattage	Base	CCT	Lumens	Efficacy	То	Savings+	Install Height	Diameter	Height	Weight	Qty.
20W	E26	50K	2800	140 lpw	150W Inc.	87%	<16 ft.	5.0"	5.9"	1.5 lb.	12
		40K* 30K*			100W HID 55W CFL	80% 64%	(5m)	(127mm)	(148mm)	(550g)	
30W	E26	50K	4200	140 lpw	225W Inc.	87%	<20 ft.	5.0"	5.9"	1.5 lb.	12
		40K* 30K*			150W HID 80W CFL	80% 63%	(6m)	(127mm)	(148mm)	(550g)	
40W	E39	50K	5600	140 lpw	350W Inc.	89%	<26 ft.	7.0"	7.0"	2.0 lb.	12
		40K* 30K*			200W HID 125W CFL	80% 68%	(<8m)	(178mm)	(178mm)	(920g)	
60W	E39	50K	8400	140 lpw	450W Inc.	87%	<32 ft.	7.0"	7.0"	2.0 lb.	12
		40K* 30K*			250W HID 175W CFL	76% 66%	(<10m)	(178mm)	(178mm)	(920g)	
80W	E39	50K	11200	140 lpw	600W Inc.	87%	<32 ft.	8.0″	7.6"	2.2 lb.	12
		40K* 30K*			320W HID 225W CFL	75% 64%	(<10m)	(200mm)	(190mm)	(1kg)	
100W	E39	50K	14000	140 lpw	800W Inc.	88%	<32 ft.	8.0″	7.6"	2.2 lb.	12
		40K* 30K*			400W HID 300W CFL	75% 67%	(<10m)	(200mm)	(190mm)	(1kg)	

⁺ Does not include Ballast Loss, Maintenance and Replacement Lamp Savings and Disposal Costs which can amount to an additional Savings of 30~50%!

• CRI: >80

• Power Factor: >0.9

- Beam Angle: 120°
- Max. THD (%): <15%
- Universal Input Voltage

FREE 20kA Surge Protection Device Included. Additional Protection

for your HyLite Lotus Lamp

at no Cost!

- Protection: IP65

• Rated Life: 50~60,000 Hrs.* 100~277V, AC 50/60 Hz.

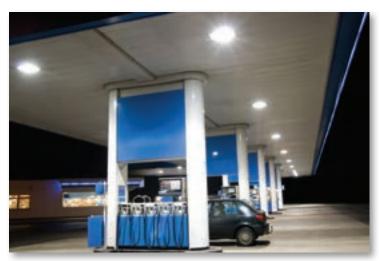
• Ambient Working Temp.: -22~+140°F (-30~+60°C)

*Depending upon the ambient temperature of the installation location

HyLite LED Lotus Lamp Applications



Parking Garages



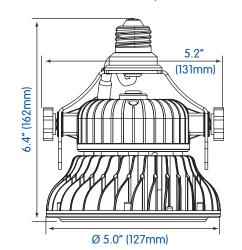
Gas Stations

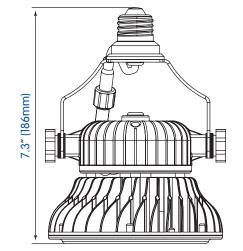


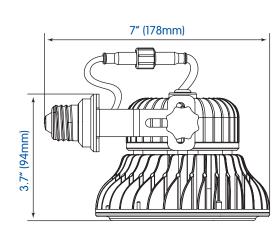




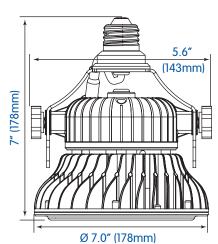
5" (127mm) Lotus Lamp Dimensions

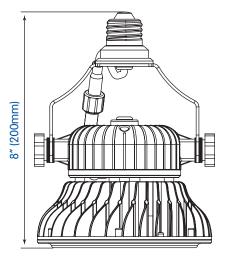


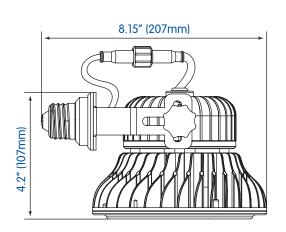




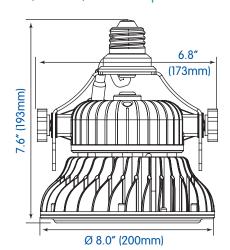
7" (178mm) Lotus Lamp Dimensions

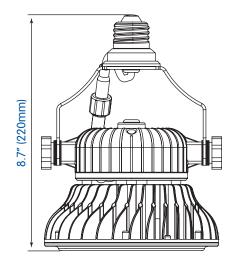


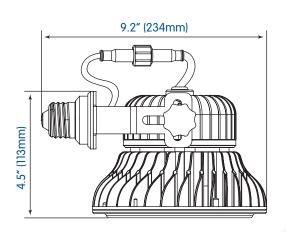




8" (200mm) Lotus Lamp Dimensions









A Well-Lit Facility Means Productivity and Safety

HyLite High Performance LED Omni-Bulbs

- Bulb and Ballast Replacement Costs

- Lamp Disposal Issues

- Pollution: No Mercury or Lead Contamination

Illuminate and Motivate

A comfortable, well-lit workspace not only looks good, but also motivates employees. Eliminate the visual strains, the dull color and annoying buzzing and humming of traditional lighting by upgrading to HyLite LED Omni-bulbs. HyLite LED Omni-bulbs feature bright, uniform lighting that replicates natural lighting, uplifting employee's mood and enhancing productivity. These high-quality lights are designed to be easily and seamlessly integrating into existing or new buildings by providing higher efficacy and longer life, with better light quality than you get from traditional fluorescent and incandescent lighting. By using energy efficient HyLite LED Omni-bulbs, your organization also makes a statement to your employees, customers, and visitors about its commitment to sustainable practices.

Reduce:

- Energy Costs

- Re-Lamping

98%

RECYCLABLE

NO

LEAD, MERCURY,

HEAVY METALS OR TOXIC GASES

lighting

tacts

Designed to last up to 17 years at on-time of 10 hours/day

A Complete Range of High Performance, Energy Efficient Omni-bulbs, from 5W to 15W, to replace 13W to 42W CFL's or from 50W to 150W Incandescent Bulbs

- Quick and Easy to Install. Universal Power (100-277V)
- Universal Burning Position with Optimal Optical Performance
- Compact Size and Fully Encapsulated with Optical Grade Lens
- Provides Instant Brightness and Runs Cool: 90% less heat than an Incandescents and substantially reduces HVAC loads
- Strong, Lightweight Aviation Grade Aluminum with Proprietary Heat Sink Design and Advanced Thermal Management System ensures Long Life
- Highest luminous efficacy in its class, of up to 115 lpw while maintaining more than 85% of its initial lumens throughout its lifespan
- Available in Medium (E26/E27), GX23, and G24 base. HyLite's Universal G24 Base is designed to work with both 2-pin & 4-pin G24 and GX24 Sockets.



Increased Sustainability

74





Consumption





360°

Illumination

SAVE UP TO







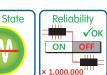


Radiation-Free



Zero









USTED CEFE (3 P)

Vibration and LM-80 Tested LM-79 Tested No Humming Interference Shock Resistant ISTMT Tested

HyLite LED Omni-Bulb Applications





Hospitals and Medical Facilities

Institutional Lighting

Ordering Information: Model Number LED

OMNI-BULB

HL-OBF-

Wattage Base CCT

50K (5000K) = Daylight 40K (4000K) = Neutral White 30K (3000K) = Warm White

CCT Legend



14/	D	CCT	1	F#:	Equivalent	Energy		ons & Weigh		Case
Wattage	Base	ССТ	Lumens	Efficacy	То	Savings+	Width	Height	Weight	Qty.
5W	Gx23 or E26	50K 41K 35K 27K	475~525	95~115 lpw	50W Inc. 13W CFL	90% 62%	1.5" (39mm)	4.25" (108mm)	3.5 oz. (100g)	10
7W	G24 or E26	50K 41K 35K 27K	665~735	95~115 lpw	60W Inc. 18W CFL	88% 61%	1.5" (39mm)	5.5" (138mm)	4.0 oz. (120g)	10
9W	G24 or E26	50K 41K 35K 27K	855~945	95~115 lpw	100W Inc. 26W CFL	91% 65%	1.5" (39mm)	5.5" (138mm)	5.0 oz. (140g)	10
11W	G24 or E26	50K 41K 35K 27K	1045~1155	95~115 lpw	100W~125 Inc. 30~32W CFL	89~91% 63~66%	1.5" (39mm)	6" (152mm)	5.5 oz. (160g)	10
13W	G24 or E26	50K 41K 35K 27K	1235~1365	95~115 lpw	125W Inc. 32W CFL	90% 60%	1.5" (39mm)	6.3" (160mm)	6.0 oz. (170g)	10
15W	G24 or E26	50K 41K 35K 27K	1425~1575	95~115 lpw	150W Inc. 42W CFL	90% 64%	1.5" (39mm)	7.0" (180mm)	6.5 oz. (185g)	10

[†] Does not include Ballast Loss, Maintenance and Replacement Lamp Savings and Disposal Costs which can amount to an additional Savings of 30~50%!

• Power Factor: >0.9

• Protection: IP42

Rated Life: 50~60.000 Hrs.*

^{*}Depending upon the ambient temperature of the installation location



Hospitality

[•] CRI: >80

[•] Beam Angle: 360°

[•] Max. THD (%): <15%

Universal Input Voltage 100~277V. AC 50/60 Hz.

[•] Ambient Working Temp.: -22~+140°F (-30~+60°C)



HyLite LED Plug-in Lamps - Colors appear as they are meant to be seen!

Unmatched Lighting Performance and Quality with No Compromise

Designed to last up to 21 years at on-time of 8 hours/day

A Complete Range of High Performance LED PL Lamps from 5W to 15W to replace 13W to 42W Fluorescent Plug-ins. Provides excellent energy-efficient illumination at a wide beam angle of 120° wth energy reduction up to 71%

- Ultra-efficient illumination with the highest luminous efficacy in its class, of up to 115 lpw while maintaining more than 85% of its initial lumens throughout its lifespan
- Quick and Easy to Install. Universal Power (100-277V)
- Provides Instant Brightness and Runs Cool: 90% less heat than an Incandescents and substantially reduces HVAC loads
- Universal Burning Position with Optimal Optical Performance
- Compact Size and Fully Encapsulated with Optical Grade Lens
- Strong, Lightweight Aviation Grade Aluminum with Proprietary Heat Sink Design and Advanced Thermal Management System ensures Long Life
- · Available in E26, Gx23, and a universal G24 base. HyLite's Universal G24 Base is designed to work with both 2-pin & 4-pin G24 and GX24 Sockets.

up to 71%



Increased Sustainability







Uniform









LM-79 Tested

lighting

facts

Lighting

For Detail Specifications and additional Technical Information, please visit: www.HyLiteLEDLighting.com

SAVE UP TO 71%



No Humming



Interference

Reduce:

Energy Costs

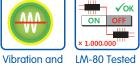




HyLite High Performance LED Plug-in Lamps

- Pollution: No Mercury or Lead Contamination

- Does not contain any Toxic or Arsenic Gases





Reliable and Long-Lasting

CEFE 43 By

- Bulb and Ballast Replacement Costs

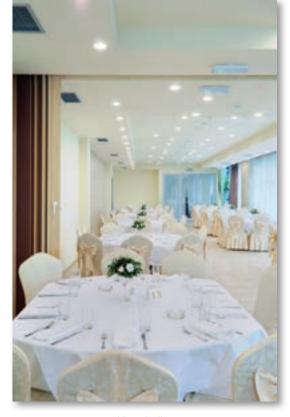
- Lamp Disposal Issues

Shock Resistant ISTMT Tested

HyLite LED Plug-in Lamp Applications



Institutional Lighting



Hospitality



Ordering Information: Model Number

Base Wattage CCT

CCT Legend

50K (5000K) = Daylight 40K (4000K) = Neutral White 30K (3000K) = Warm White



Base	Wattage	ССТ	Lumens	Efficacy	Equivalent To	Energy Savings+	Dimensi Width	ons & Weigh Height	t (Each) Weight	Case Qty.
Gx23	5W	50K 41K 35K 27K	475~525	95~115 lpw	50W Inc. 13W CFL	90% 62%	1.4" (35mm)	4.5" (121mm)	4.0 oz. (120g)	10
G24	7W	50K 41K 35K 27K	665~735	95~115 lpw	60W Inc. 18W CFL	88% 61%	1.4" (35mm)	5.25" (135mm)	5.0 oz. (140g)	10
G24	9W	50K 41K 35K 27K	855~945	95~115 lpw	100W Inc. 26W CFL	91% 65%	1.4" (35mm)	5.75" (145mm)	6.0 oz. (160g)	10
G24	13W	50K 41K 35K 27K	1235~1365	95~115 lpw	125W Inc. 32W CFL	90% 60%	1.4" (35mm)	6.5" (165mm)	6.4 oz. (180g)	10
G24	15W	50K 41K 35K 27K	1425~1575	95~115 lpw	150W Inc. 42W CFL	90% 64%	1.4" (35mm)	7.0" (176mm)	7.0 oz. (200g)	10

Ordering Information: Model Number

HL-VL-12W-G24-

CCT

Ambient Working Temp.: -22~+140°F (-30~+60°C)

Wattage	Base	ССТ	Lumens	Efficacy	Equivalent To	Energy Savings+	Dimensi Width	ons & Weigh Height	t (Each) Weight	Case Qty.
12W	G24	50K 41K 35K 27K	1140~1380	116 lpw	120W Inc. 42W CFL	90% 71%	2.0" (50mm)	5.75" (145mm)	5.0 oz. (135g)	10

Does not include Ballast Loss, Maintenance and Replacement Lamp Savings and Disposal Costs which can amount to an additional Savings of 30~50%!

• CRI: >80

• Power Factor: >0.9

• Beam Angle: 120° • Protection: IP42

• Max. THD (%): <15%

• Rated Life: 50~60,000 Hrs.*

Universal Input Voltage

100~277V, AC 50/60 Hz. *Depending upon the ambient temperature of the installation location



Shopping Malls

17

HyLite LED Tubes - Colors appear as they are meant to be seen!

Unmatched Lighting Performance and Quality with No Compromise











Proprietary

Design!









HyLite LED High Performance T8 Tube Lights: Type B

- Easy Installation: Replaces T8 & T12 Fluorescent Tube lights in new or existing fixtures. Compatible with Motion Controls & Sensors
- Long Life: >50,000 hours (15 yrs.+ at an on-time of 9 hrs./day)
- Highest Luminous Efficacy in its class up to 144 lpw
- Low Power Consumption and High Efficiency
- No Glare, Hot Spots or Multiple Shadows
- Instant Brightness and Flicker-free Lighting
- Optical Grade, Shatterproof Lens provides Ultra-efficient illumination with uniform light distribution over a wide area
- Solid State: High-Shock and Vibration-Resistant
- Proprietary Optical and Mechanical design with sturdy Housing
- Save Labor and Maintenance No replacements of Ballasts or Starters necessary for its lifetime!
- Runs Cool saves 20-25% on cooling costs due to a reduced HVAC Load
- No IR or UV light produced. Does not attract Bugs or Insects
- No Humming, No Noise, No Radiated EMI Interference. Perfect for settings where sensitive instruments can be disturbed by Fluorescent Lighting
- Environmentally Friendly: No Lead, Mercury or Toxic Gases. 98% Recyclable
- Color Temperatures Avialable: 3000°K~5700°K
- Dimmable Tubes also available





With HyLite, you get:

- Ultra-Efficient Lighting
- Guaranteed, Proven Quality & Performance
- Patented Technology that Delivers Maximum Lifetime Energy Savings
- Reduced Maintenance Costs
- Easy Installation & Retrofitting
- Long-term Financial Benefits
- 5-Year Warranty

Only from HyLite....The Smart Choice

		CCT	Lens		Ett.	Equivalent to	Energy		ns & Weight		Case
Model	Wattage	CCT	Туре	Lumens	Efficacy	Fluorescent	Savings*	Length	Diameter	Weight	Qty.
HL-T8-2F-9W-50K	9W	50K	Frosted	1171	128 lpw	30W	70%	2 ft.	1.14"	7 oz.	24
HL-T8-2F-9W-40K		40K	Frosted	1082	118 lpw	30W	70%	(60cm)	(29mm)	(200g)	
HL-T8-4F-18W-50K	18W	50K	Frosted	2312	122 lpw	60W	70%	4 ft.	1.14"	12 oz.	24
HL-T8-4F-18W-40K		40K	Frosted	2312	122 lpw	60W	70%	(120cm)	(29mm)	(340g)	
HL-T8-4C-18W-57K		57K	Clear	2664	144 lpw	60W	70%				
HL-T8-4C-18W-50K		50K	Clear	2664	144 lpw	60W	70%				
HL-T8-8C-36W-50K	36W	50K	Clear	4395	128 lpw	96W	63%	8 ft.	1.14"	23 oz.	12
					·			(240cm)	(29mm)	(640g)	

A Well-Lit Facility Means Productivity and Safety















HYLITE







HyLite Dual-Mode LED T8 Tube Lights Type A/B

- Works with Electronic and Magnetic Ballast or AC Direct
- Easy, Plug & Play Direct Install
- Universal Voltage: 120~277V AC, 50/60 Hz.
- Save Labor and Maintenance No Rewiring required
- Instant Brightness and Flicker-free Lighting
- Ultra-high performance: 122 lpw
- 300° Beam Angle provides uniform Light Distribution over a wide area
- Shatter-proof, Coated Glass Tube provides Greater Transparency and lower Thermal Conductivity
- Easy Installation: Replaces T8 & T12 Fluorescent Tube lights in new or existing fixtures. Compatible with Motion Controls & Sensors
- Long Life: >50,000 hours (15 yrs.+ at an on-time of 9 hrs./day)
- Low Power Consumption and High Efficiency
- Proprietary Optical Design
- Solid State: High-Shock and Vibration-Resistant
- Runs Cool Saves 20-25% on Cooling Costs due to a reduced HVAC Load
- No UV light produced. Does not attract Bugs or Insects
- No Humming, No Noise, No EMi or RFi Interference. Perfect for settings where sensitive instruments can be disturbed by Fluorescent Lighting
- Color Temperatures Avialable: 4000°K and 5000°K

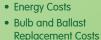






OR TOXIC GASES

Reduces:



- Re-Lamping and Lamp Disposal Issues
- Costly Equipment Rental
- Pollution: No Mercury, Lead or Toxic Gases Contamination







Ordering Information

Model	Wattage	ССТ	Lens Type	Lumens	Efficacy	Equivalent to Fluorescent	Energy Savings*	Dimensio Length	ns & Weight Diameter	(Each) Weight	Case Qty.
HL-GT8-4F-18W-50K HL-GT8-4F-18W-40K	18W	50K 40K	Frosted Frosted	2200 2100	122 lpw 117 lpw	48W 48W	63% 63%	4 ft. (120cm)	1.14" (29mm)	12 oz. (340g)	30

^{*} Does not include Ballast Loss, Maintenance, Replacement Lamp Savings and Disposal Costs which amount to an additional Savings of 30~50%! For Detail Specifications and additional Technical Information, please visit: www.HyLiteLEDLighting.com

Ordering

Information



HyLite LED XPL Linear Lights

Decrease Operating Expenses while Meeting Sustainability Goals

Waterproof

Corrosion-proof

Dust-proof

 Shock-proof Shatterproof Vandal-resistant

HyLite LED XPL Linear Lights are a cost-effective, energy efficient alternative to traditional fluorescent fixtures. Unlike fluorescent tubes, which waste as much as 50% of their light by projecting it upward, HyLite LED XPL Linear Lights emit 90% of the light in a downward, 120° beam angle so all of the lighting is effectively projected with ultra-efficient illumination and even distribution.

The total cost of ownership for HyLite LED XPL Lights is unparalleled compared to traditional fluorescent tube lights, which need to be replaced every few years, not including the replacement of the ballast or starters. HyLite LED XPL Lights run cool (up to 90% less heat than Incandescent) and do not add to the heat load in the building. In hotter climates, HyLite LED XPL Lights can save between 20-25% on cooling bills due to a reduced HVAC Load.

HyLite LED XPL Lights are compatible with motion-sensing technology and multi-level controls which can further reduce energy consumption by up to 80% compared to traditional Metal Halide fixtures. HyLite Smart Lights feature bright, direct lighting that reaches exactly where it is needed, whether it is in a parking garage, a walkway, or the perimeter of a building.







Ordering Information: Model Number

HL-XPL-Length Wattage CCT

CCT Legend

50K (5000K) = Daylight40K (4000K) = Neutral White



Length (ft.)	Wattage	ССТ	Lumens	Efficacy	Equivalent To	Energy Savings*	Di Length	imensions & Width	Weight (Eac Depth	h) Weight	Case Qty.
2	30W	50K 40K	3100	103 lpw	100W HID 64W CFL	72% 53%	2 ft. (60cm)	4.2" (106mm)	2.8" (72mm)	3.3 lb. (1.5kg)	6
4	70W	50K 40K	7170	102 lpw	250W HID 160W CFL	72% 56%	4 ft. (120cm)	4.2" (106mm)	2.8" (72mm)	6.6 lb. (3kg)	6
5	80W	50K 40K	8090	101 lpw	300W HID 192W CFL	73% 58%	5 ft. (150cm)	4.2" (106mm)	2.8" (72mm)	7.8 lb. (3.5kg)	6

^{*} Does not include Ballast Loss, Maintenance, Replacement Lamp Savings and Disposal Costs which amount to an additional Savings of 30~50%!

Utility Grade HyLite Dusk-to-Dawn Security Light



Realize the potential for reduced:

Resource Consumption

Energy Consumption
 Maintenance Costs

Total Cost of Ownership

SAVE UP TO

82%

ON YOUR ENERGY COSTS

Ø 12" (305mm

Ø 14" (357mm

4.25"

Spring

Optical

One Fixture with Five Scalable Configurations - replace from 55W CFL Lamps up to 250W HPS or Metal Halide Lamps!

The HyLite Dusk-to-Dawn Security Light is a Utility Grade Fixture that can be used in almost any application while reducing energy use by 75% and offering 10 to 20 times more life than Metal Halide, High Pressure Sodium and Mercury Vapor Lights. With the Dusk-to-Dawn Photocontrol included, you can save up to 82% in energy use, significantly reducing your carbon footprint while maintaining the highest quality of light. Lasts up to 11 years (at an on-time of 12 hrs./day) or up to 14 years (at an on-time of 10 hrs./day).

- Ultra Long Life: Up to 60,000 hours of lamp life Eliminates the hassle of repeated relamping
- Instant On/Instant Restrike: There is no warm up time. Instant start-up and restart in Extreme Hot and Cold Temperatures.
- Precision, Die-cast Aluminum Housing with Durable Polvester Powder Coating for years of outdoor use
- One-piece, Clip-on 12" (30cm) Optical Assembly for Quick, Easy and Tool-less installation
- Bright, Rust and Corrosion-proof Aluminum Reflector for Maximum Light Output
- Sealed to be Dirt and Insect-free
- Rust and Corrosion-proof Sealed Connectors
- Shock and Vibration-Resistant
- Soft, Crisp, No-Glare Light: Gives visual comfort
- Integral Mounting Bracket for easy connection to Mast Arm, Post or Wall
- No Flickering, or Strobing Effect: Produces Constant, Seamless Light.
- Excellent Color Rendition: CRI>80. Unlike other lighting systems, HyLite Lights allow colors to appear as they are meant to be seen.
- Superior Power Factor: >0.96. Greater amount of energy gets converted into visible light. Only 1%~4% of energy is lost compared to 16-30% of energy wasted in traditional magnetic ballasts.
- No Hum, No Noise: Eliminates the annoying characteristics found in Magnetic Ballasts of HID systems.
- Lower Total Cost of Ownership: Reduced Energy and Maintenance-free Operation.
- Photocell included for Automatic Dusk-to-Dawn Operation
- Safe: RoHS Compliant: Contains No Hazardous Materials; No Lead, No Mercury or Toxic Gases.
- 24" (60cm) and 30" (75cm) Mounting Arm available
- The HyLite Dusk-to-Dawn Security Light Kits are an exceptional value as kits are complete with a Lamp, a Photocontrol, a 24" (60cm) or a 30" (75cm) Mast Arm with Brackets and Mounting Hardware. All units work on Universal 120~277V, AC, 50/60 Hz. and are suitable for use in wet locations.

Ordering Information:

					Equivalent to		Energy Savings*		Dimensions & Weight (Each)				Case
Model	Watts	CCT	Lumens	Efficacy	HID	CFL	HID	CFL	Height	Width	Depth	Weight	Qty.
HL-SL-22W-50K	22W	50K	3080	140 lpw	100W	55W	78%	60%					
HL-SL-27W-50K	27W	50K	3780	140 lpw	150W	80W	82%	66%	18″	12″	14"	4 lb.	1
HL-SL-36W-50K	36W	50K	5040	140 lpw	175W	100W	79%	64%	(460mm)	(305mm)	(357mm)	(1.8kg)	
HL-SL-45W-50K	45W	50K	6300	140 lpw	200W	125W	78%	64%					
HL-SL-54W-50K	54W	50K	7560	140 lpw	250W	175W	78%	69%					

^{*} Does not include Ballast Loss, Maintenance, Replacement Lamp Savings and Disposal Costs which amount to an additional Savings of 30~50%!

HyLite Surge Protection Device with LED Indicator - HL-SPD-20K

The HyLite HL-SPD-20K is specifically designed for use with LED Drivers & Electronic Ballasts to provide an additional level of protection against Lightning Strikes and Power-line disturbances in Utility, Industrial and Commercial applications.

HL-SPD-20K is an ideal solution for Maximum Protection of LED Lighting investments. It delivers a long lasting solution with robust protection against a wide range of Temperatures, Moisture, and Vibrations. The HyLite HL-SPD-20K protects the complete system against multiple nominal surges of up to 20kV. For a maximum level of protection, the SPD can withstand a single hit of 40kV. When used in combination with the LED products, the entire light engine benefits from protection against Power Surges, Storms and Lightning Strikes. IP67 Design for Indoor or Outdoor Installations.

Features:

- Resistant to Peaks and Surges of up to 20kA
- Class III Protection
- Maximum Surge Current = 20,000 Amps using industry standard 8/20 µSec wave
- Fully Sealed: Dustproof and Waterproof with IP Protection Grade: 67
- For use with Voltage up to 277V, 50/60 Hz. Power Supply
- High Temperature Enclosure: Up to 158°F (70°C) max. Surface Temperature Rating
- LED Indicator is lighted when working normal. If the LED Indicator is not lighted, it is time to replace the SPD, as its' working life may be over.

Benefits:

- Maximize the Lifetime Value of LED Indoor & Outdoor Lighting Applications
- Lower Maintenance Costs
- Peace of mind on Product Performance

Product Specifications:

- Rated Voltage (Max. Continuous Voltage) UC: 300VAC
- Nominal Discharge Current (8/20µs) In: 5kA
- Max. Discharge Current (8/20µs) Imax: 20kA
- Nominal Discharge Voltage Vn: 20kV
- Max. Discharge Voltage Vmax: 40kV
- Voltage Protection Level Up: 1.1kV
- Response Time t_a: <25nS
- Short Circuit Current Rating (SCCR): 5kA
- SCCR Tolerance: 1.1kA
- Withstand Voltage Rate: 1600VAC, 60sec.
- Max. Backup Fuse: 6.3A gL/gG
- Operating Temperature Range: 40°F ~ +158°F (- 40°C ~ +70°C)
- Size (L × W x H): 3.25" x 1.5" x 0.75" (81 x 38 x 22 mm)
- Protection Grade: IP67
- Test Standards: EN61643-11

		Dimens	Case		
Model	Length	Width	Height	Weight	Qty.
HL-SPD-20K	3.25" (81mm)	1.5" (38mm)	0.75" (22mm)	2.25 oz. (65g)	10

Pulse Rating (8 x 20 µSec)						
Strikes	Surge (A)	Strikes	Surge (A)			
1	10kA	15	5kA			
2	6kA	120	1.5kA			

For Detail Specifications and additional Technical Information, please visit: www.HyLiteLEDLighting.com

\$26 Billion a Year

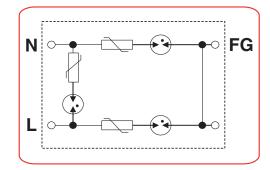
in Lost Time, Equipment Repair and Replacement Costs are attributed Power Surges

Source: Business Week









Quick Adapters

Engineered from a Flame Retardant Polymer, HyLite Quick Adapters are Mechanically Strong, Non-Combustible, Resistant to Solvents, and Heat-Resistant up to 302°F (150°C).



• Rated Current: Up to 2 Amps.

- Rated Voltage: 250V, AC • Rated Power: 500 Watts
- CE Certified and RoHs Compliant









HL-QA-E26-39



HL-QAS-E26-E39



HL-QA-E26-G24



HL-QA-E39-39X



HL-QA-G23-2-26



HL-QA-GX23-2-26



HL-QA-G24-2-26



HL-QA-GX24-4-26



HL-QA-GU24-E26



HL-QA-G13-R17D

Model	Description	Fits Sockets	Case Qty.
HL-QA-E26-E39	E26/E27 (Medium) to E39/E40 (Mogul)		10
HL-QAS-E26-E39	E26/E27 (Medium) to E39/E40 (Mogul), Sleeve		10
HL-QA-E26-G24	E26/E27 (Medium, Male) to G24 (Female)		10
HL-QA-E39-E39X	E39/E40 (Mogul) to E39/E40 (Mogul) 3" (90mm) Extender		10
HL-QA-G23-2-E26	G23 Base, 2-Pin (Male) to E26/E27 (Medium)	G23d and G23d-2	10
HL-QA-GX23-2-E26	GX23 Base, 2-Pin (Male) to E26/E27 (Medium)	GX23d and GX23d-2	10
HL-QA-G24-2-E26	G24 Base, 2-Pin to E26/E27 (Medium)	G24d-1, G24d-2, G24d-3 and G24d-4	10
HL-QA-GX24-4-E26	GX24 Base, 4-Pin (Male) Short Base to E26/E27 (Medium)	GX24Q-1, GX24Q-2, GX24Q-3 and GX24Q-4	10
HL-QA-GU24-E26	GU24 (Male) to E26/E27 (Medium Base)		10
HL-QA-G13-R17D	G13 to R17D Tube Light Adapter		10































An Eco-Friendly Company

911 East White Street Rock Hill, SC 29730, USA

Tel: 803-336-2230 Fax: 803-336-2231

www.HyLiteLEDLighting.com



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