

HYLITE™
LED Lighting

LED
OptiMax™
High Performance Tube Lights

NEXGEN
PRODUCTS

Patented & Proprietary Technology
Multi-CCT: 3500K, 4000K, 5000K

32W
Fluorescent
Equivalent

Type A Type B

Multi-Mode, Multi-CCT, Plug N' Play, 12W LED T8 Tube Light

- Multi-mode: Ballast Compatible (Before Installation Check the Ballast Compatibility List on Pages: 3-5) or AC Direct (120~277V AC). Works with Single-end (either side) and/or Double-end Power Input.
- Save Labor and Maintenance: Works with Shunted or Non-Shunted Tombstones: No Rewiring Necessary!
- True, Plug & Play - Direct Install. Replace Fluorescent Tube with the Ballast or by removing the Ballast. It's that simple.
- Easy Installation: Replaces T8 & T12 Fluorescent Tube Lights in new or existing Fixtures. Compatible with Motion Controls & Sensors
- Ultra-efficient illumination with the highest luminous efficacy in its class of up to 135 LpW. Maintains more than 85% of its Initial Lumens throughout its lifespan.
- 320° Beam Angle provides Uniform Light Distribution over a Wide Area
- Universal Voltage: 120~277V AC. Suitable for Dry or Damp Locations
- Ultra Long Life: Up to 50,000 hours; this translates to over 15 years (at an on-time of 9 hrs./day). Compare that with the Traditional Fluorescent Tube Lights that would need to be replaced every few years.
- Instantaneous "On/Off": Starts right away, no matter the Temperature or Humidity conditions. Over their Lifespan, the Light Degrades by only 15%, typically near the end of its life.
- HyLite LED Tube Lights run Cool and do not add to the Heat Load in the Building. They run at only 95°F (35°C). Traditional Fluorescent Tube Lights can run up to 180°F (82°C). In hotter climates, HyLite LED Tube Lights can save between 20-25% on Cooling Bills due to a reduced HVAC Load.
- No RF or Radiated EMI Interference: Perfect for settings where Sensitive Instruments can be disturbed by Fluorescent Lighting. No UV Emissions - Does Not attract Bugs or Insects
- Flicker-free Lighting: Constant, Seamless Light eliminates Eye Strain and Headaches associated with Fluorescent Lighting. Pleasant Light showing True Colors. CRI >80
- Proprietary Optical Design. Shatter-proof, Coated Glass Tube provides Greater Transparency and Lower Thermal Conductivity
- Enhances Vision: Zero Dark Spots for greater Visibility and Safety
- Withstands Extreme Hot and Cold Temperatures: -4°F~113°F (-20°C~45°C)
- RoHS Compliant: No Lead, Mercury, Toxic Gases or any Hazardous Materials. Facilitates LEED® points
- Environmentally Friendly: 98% of the HyLite LED Tube Light is Recyclable
- Safe and Reliable: Isolated Circuit Design. UL & CE Certified
- Low Total Cost of Ownership. Shortest Payback Period and High ROI



Energy 63%	High Efficacy 135 lpw	>50000 Hours	CRI (Ra) >83	Angle 320
THD <20%	Multiple CCT	Minimal Heat	PF >0.96	100-277V

Applications :

- Office Lights
- Lab and Clean Room
- Food Plants
- Hospitality
- Warehouses
- Kitchen Lighting
- Computer and Equipment Rooms
- Hospitals
- Pharma Plants
- Data Centers
- Store Displays
- Supply Rooms
- Utility Rooms

98%
RECYCLABLE

NO
LEAD, MERCURY,
HEAVY METALS
OR TOXIC GASES

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



Longer Life Up to 50,000 Hours	Energy Costs Reduction of up to 63%	Power Low Consumption	Beam Angle Wide & Uniform	Lumen Efficacy 135 LpW LM-79 Tested	No IR/UV No Noise	No EMI / RFI Zero Interference	Solid State Vibration and Shock Resistant	Reliability LM-80 Tested ISTMT Tested	Warranty 5 years
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Model	Watts	CCT	Lens Type	Lumens	Efficacy	Fluorescent Equivalent	Energy Savings*	Dimensions & Weight (Each)			Case Qty.	Case Weight
								Length	Diameter	Weight		
HL-GT8-4AB-12W-3550	12W	35K	Frosted	1600	133 LpW	32W	62%	4 ft. (121cm)	1" (25.4mm)	8 oz. (22g)	30	17 lb. (7.6 Kg.)
		40K		1650	135 LpW		63%					
		50K		1650	135 LpW		63%					

* Does not include Ballast Loss, Maintenance, Replacement Lamp Savings and Disposal Costs which amount to an additional Savings of 30% or more!

CRI: >83 Beam Angle: 320° Power Factor: >0.96 Input Voltage (V): AC:100-277V, 50/60Hz
 THD: <20% IP Rating: 42 Humidity Range: 10%~90% Ambient Working Temperature: -4°F~140°F (-20°C~60°C)
 (CCT): 4000K = Neutral White 5000K = Daylight

Warning - Important Safety Instructions

- Read and Understand the detailed Installation Instructions before installing the HyLite OptiMax™ LED T8 Tube Light.
- HyLite OptiMax™ LED T8 Tube Lights are not Dimmable. Do not use with Dimmers.
- HyLite OptiMax™ LED T8 Tube Lights are designed to work with Electronic Ballasts or AC Direct Wire. Risk of Fire or Electric Shock. Read and Understand all Installation Instructions before installing HyLite OptiMax™ LED T8 Tube Lights. Use in Dry or Damp locations only. Do not use where directly exposed to water or weather. Non-submergible (not water tight).
- Risk of Fire or Electric Shock. Before Installation, check Specifications for the most Current Ballast Compatibility List. If the Ballast model does not appear on this List, please **DO NOT** Install, until you check with HyLite. Installing Tube Lights without verifying it against the Ballast Compatible List and without testing the Compatibility will void all Warranties. If not Compatible, insert LED Tubes according to Type B Installation Instructions only. Read and Understand all Installation Instructions before installing HyLite OptiMax™ LED T8 Tube Lights.
- Disable all Power to the Fixture before Inspection, Installation, or Removal. Failure to do so will create a Hazardous and Fatal Working Environment.
- Do Not Make or Alter any Open Holes in an Enclosure of Wiring or Electrical Components during Installation.
- Not Suitable for Use with Dimmer.
- Do Not Open – No User Serviceable Parts inside.

WARNING:

- a. Risk of Fire or Electric Shock. LED Retrofit Kit Installation requires knowledge of Luminaires Electrical Systems. If not Qualified, DO NOT attempt Installation. Contact a Qualified Electrician.
- b. Risk of Fire or Electric Shock. Install this Kit only in the Luminaires that have the construction features and dimensions shown in the photographs and/or drawings and where the Input Rating of the Retrofit Kit does not exceed the Input Rating of the Luminaire.
- c. DO NOT make or alter any open holes in an enclosure of Wiring or Electrical Components during Kit Installation
- d. To prevent Wiring Damage or Abrasion, DO NOT Expose Wiring to edges of Sheet Metal or other Sharp Objects.
- e. Installers should not Disconnect existing Wires from Lamp Holder Terminals to make new Connections at Lamp Holder Terminals. Instead, Installers should Cut existing Lamp Holder Leads away from the Lamp Holder and make new Electrical Connections to Lamp Holder Lead Wires by employing applicable Connectors.
- f. For a Linear Tubular LED Lamp Conversion, there shall be text or a Diagram showing how the supply Connections were made to the Lamp Holders so the correct Connections will be made to the Lamp when the Lamp is Installed or Replaced.
- g. This Retrofit Kit is accepted as a component of a Luminaire where the suitability of the combination shall be determined by Authorities having Jurisdiction.

HyLite OptiMax™ LED Tube have been tested for compatibility to work flawlessly with the Ballasts shown above. HyLite is continually testing OptiMax™ LED Tube on various other Ballasts. We will continue to update the Ballast Compatibility List as additional models are tested. Please contact HyLite about any Ballasts not shown on this list.

Note: Risk of Fire or Electric Shock. Before Installation, check Specifications for the most Current Ballast Compatibility List. If the Ballast model does not appear on this List, please DO NOT Install, until you check with HyLite. Installing Tube Lights without verifying it against the Ballast Compatible List and without testing the Compatibility will void all Warranties. If not Compatible, insert LED Tubes according to Type B Installation Instructions only. Read and Understand all Installation Instructions before installing HyLite OptiMax™ LED T8 Tube Lights.

Ballast Brand	Model No.	Start Type	Max Load Qty.	Compatible (Y/N)			
				1 Lamp	2 Lamps	3 Lamps	4 Lamps
ACT	ACT3P32ISUNVE	Instant Start	3	N	Y	Y	N/A
Damar	1688B	Instant Start	2	Y	Y	N/A	N/A
	1688D	Instant Start	2	Y	Y	N/A	N/A
	3654C	Instant Start	3	Y	Y	Y	N/A
EIKO	PM-2X32T8-UNV-IS	Instant Start	2	Y	Y	N/A	N/A
Eспен	VE2P32MVHIPE 11068	Instant Start	2	Y	Y	N/A	N/A
	VE2P32MVHIPHE 11069	Instant Start	2	Y	N	N/A	N/A
	VE3P32MVHIPL 11056	Instant Start	3	N	Y	Y	N/A
	VE3P32MVHIPE 11070	Instant Start	3	Y	Y	Y	N/A
	VE3P32MVHPPE 11083	Programmed Start	3	Y	Y	Y	N/A
	VE4P32MVHIPE 11072	Instant Start	4	Y	N/A	Y	Y
	VE4P32MVHIPHE 11073	Instant Start	4	N	N/A	Y	N
	VE232MVHIPL	Instant Start	2	Y	Y	N/A	N/A
	VE2P32MVHPPE 11080	Programmed Start	2	Y	Y	N/A	N/A
	VE4P32MVHPPE 11086	Programmed Start	4	N	N/A	Y	Y
GE	GE-132-MV-N	Instant Start	1	Y	N/A	N/A	N/A
	GE-132-MV-PS-L	Programmed Start	1	Y	N/A	N/A	N/A
	GE132MAX-G-N	Instant Start	1	Y	N/A	N/A	N/A
	GE132MAXP-L/ULTRA	Instant Start	1	Y	N/A	N/A	N/A
	GE132MAX-H/Ultra	Instant Start	1	Y	N/A	N/A	N/A
	GE-232-MV-N	Instant Start	2	Y	Y	N/A	N/A
	GE232-MVPS-L	Programmed Start	2	N	Y	N/A	N/A
	GE-232-MVPS-XL	Programmed Start	2	N	Y	N/A	N/A
	GE-232-MV-PS-N	Programmed Start	2	Y	Y	N/A	N/A
	GE232MAX-G-N	Instant Start	2	Y	Y	N/A	N/A
	GE232MAX-L/ULTRA	Instant Start	2	Y	Y	N/A	N/A
	GE232MAXP-L/ULTRA	Instant Start	2	Y	Y	N/A	N/A
	GE232MAX-L/ULTRA	Instant Start	2	Y	Y	N/A	N/A
	GE232MAX-G-N-DIYB	Instant Start	2	Y	Y	N/A	N/A
	GE232MAX-G-N-DIYB	Instant Start	2	Y	Y	N/A	N/A
	GE332-MVPS-L	Programmed Start	3	Y	Y	Y	N/A
	GE332MAX-G-H	Instant Start	3	Y	Y	Y	N/A
	GE332MAX-G-N	Instant Start	3	Y	Y	Y	N/A
	GE332MAX-G-N-DIYB	Instant Start	3	Y	Y	Y	N/A
	GE332MAXP-N/ULTRA	Instant Start	3	Y	N	Y	N/A
	GE332MAXP-L/ULTRA	Instant Start	3	Y	Y	Y	N/A
	GE332MAXP-H-42T	Instant Start	3	Y	Y	Y	N/A
	GE-332-MVPS-XL	Programmed Start	3	Y	Y	Y	N/A
	GE432MAX-G-N	Instant Start	4	Y	N/A	Y	Y

Ballast Brand	Model No.	Start Type	Max Load Qty.	Compatible (Y/N)			
				1 Lamp	2 Lamps	3 Lamps	4 Lamps
GE	GE-332-MVPS-XL	Programmed Start	3	Y	Y	Y	N/A
	GE432MAX-G-N	Instant Start	4	Y	N/A	Y	Y
	GE432MAXP-L/ULTRA	Instant Start	4	N	N/A	Y	Y
	GE432MAX-L/Ultra	Instant Start	4	Y	N/A	Y	Y
	GE432MAXP-H/ULTRA	Instant Start	4	N	N/A	Y	Y
	GE432MAXG-N-DIYL	Instant Start	4	Y	N/A	Y	Y
	GE432MAXP347-H	Instant Start	4	Y	N/A	Y	Y
	GE132-MVPS-H	Programmed Start	1	Y	N/A	N/A	N/A
	GE232-120RES-B	Instant Start	2	Y	Y	N/A	N/A
	GE132MAXP-N/ULTRA	Instant Start	1	Y	N/A	N/A	N/A
	GE232MAXP-H/ULTRA	Instant Start	2	Y	Y	N/A	N/A
	GE-232-MV-PS-H	Instant Start	2	Y	Y	N/A	N/A
	GE232MAX347-H	Instant Start	2	Y	Y	N/A	N/A
	GE332MV-N-DIY	Instant Start	3	Y	Y	Y	N/A
	GE332MAXP347-H	Instant Start	3	N	Y	Y	N/A
Halco	EP232IS/MV/HE	Instant Start	2	N	Y	N/A	N/A
	EP2/32IS/MV/MC/HE	Instant Start	2	N	Y	N/A	N/A
	EPL2/32IS/MV/MC/HE	Instant Start	2	Y	Y	N/A	N/A
	EP332IS/MV/HE	Instant Start	3	Y	Y	Y	N/A
	EP4/32IS/MV/MC/HE	Instant Start	4	Y	N/A	N	Y
	EPL4/32IS/MV/MC/HE	Instant Start	4	N	N/A	Y	Y
	EPH4/32IS/MV/SC/HE	Instant Start	4	Y	N/A	Y	Y
Keystone	KTEB-232-UV-IS-N-P	Instant Start	2	Y	Y	N/A	N/A
	KTEB-332-UV-IS-N-P	Instant Start	3	Y	Y	Y	N/A
	KTEB-432-UV-IS-N-P	Instant Start	4	N	N/A	N	Y
	KTEB-432RIS-1-TP-SL	Instant Start	4	Y	N/A	Y	Y
Osram Sylvania	QHE 1X32T8/UNV ISN-SC	Instant Start	1	Y	N/A	N/A	N/A
	QHE 1x32T8/UNV ISH HT SC	Instant Start	1	Y	N/A	N/A	N/A
	QHE 2x32T8/UNV ISL-SC	Instant Start	2	N/A	Y	N/A	N/A
	QHE 2x32T8/UNV ISN-SC	Instant Start	2	Y	Y	N/A	N/A
	QHE 2x32T8/UNV ISH HT-SC	Instant Start	2	N/A	Y	N/A	N/A
	QHE 3x32T8/UNV ISL-SC	Instant Start	3	Y	N/A	Y	N/A
	QHE 3x32T8/UNV ISH HT-SC	Instant Start	3	N/A	N/A	Y	N/A
	QHE 4x32T8/UNV ISL-SC	Instant Start	4	Y	N/A	Y	Y
	QHE 4x32T8/UNV ISN-SC	Instant Start	4	Y	N/A	Y	Y
	QTP 1X32T8/UNV ISN-SC	Instant Start	1	Y	N/A	N/A	N/A
	QTP 3X32T8/UNV ISN-SC	Instant Start	3	Y	Y	Y	N/A
	QTP 4X32T8/UNV ISN-SC	Instant Start	4	Y	N/A	Y	Y
	QHES 2X32T8/UNV PSL-SC	Programmed Start	2	N	Y	N/A	N/A
	QHES 2X32T8/UNV PSN-SC	Programmed Start	2	Y	N	N/A	N/A
	QHE 2X32T8/UNV ISL-SC-1	Instant Start	2	Y	Y	N/A	N/A
	QHE 2X32T8/UNV PSX-MC	Programmed Start	2	Y	Y	N/A	N/A
	QHE 2X32T8/UNV PSN-MC	Programmed Start	2	Y	Y	N/A	N/A
QHE 3X32T8/UNV PSN-SC	Programmed Start	3	Y	Y	Y	N/A	
QHE 3XLEDT8/UNV-ISN-SC	Programmed Start	3	Y	Y	Y	N/A	

Ballast Brand	Model No.	Start Type	Max Load Qty.	Compatible (Y/N)			
				1 Lamp	2 Lamps	3 Lamps	4 Lamps
Osram Sylvania	QHE 4X32T8/UNV PSX-SC	Programmed Start	4	Y	N/A	Y	Y
	QHE 4XLEDT8/UNV-ISN-SC	Programmed Start	4	Y	N/A	Y	Y
	QTP 2X32T8/347 PSX-TC	Programmed Start	2	Y	Y	N/A	N/A
Philips Advance	ICN-2P32-N	Instant Start	2	Y	Y	N/A	N/A
	ICN-2M32-MC	Instant Start	2	N	Y	N/A	N/A
	ICN-3P32-N	Instant Start	3	Y	N	Y	N/A
	ICN-4P32-N	Instant Start	4	N	N/A	Y	Y
	IOP-2P32-N	Instant Start	2	Y	Y	N/A	N/A
	IOP-2P32-LW-N	Instant Start	2	Y	Y	N/A	N/A
	IOP-2P32-HL-N	Instant Start	2	Y	Y	N/A	N/A
	IOP-2PSP32-N	Programmed Start	2	N	Y	N/A	N/A
	IOP-4PSP32-SC	Programmed Start	4	N	N/A	Y	Y
	IOP-4PSP32-LW-SC	Programmed Start	4	N	N/A	Y	Y
	IOPA-1P32-LW-N	Instant Start	1	Y	N/A	N/A	N/A
	IOPA-2P32-N	Instant Start	2	Y	Y	N/A	N/A
	IOPA-2P32-LW-N	Instant Start	2	Y	Y	N/A	N/A
	IOPA-3P32-N	Instant Start	3	Y	N	N	N/A
	IOPA-3P32-LW-N	Instant Start	3	Y	Y	Y	N/A
	IOPA-3P32-LW-SC	Instant Start	3	N	Y	Y	N/A
	IOPA-4P32-N	Instant Start	4	Y	N/A	Y	Y
	IOP-2PSP32-LW-N	Programmed Start	2	Y	Y	N/A	N/A
	VEL-4P32-SC	Instant Start	4	Y	N/A	Y	Y
	ICN-2P32-SC	Instant Start	2	Y	Y	N/A	N/A
IOP-4P32-LW-N	Instant Start	4	Y	N/A	Y	Y	
REL-2P32-SC	Instant Start	2	Y	Y	N/A	N/A	
Plusrite	BAF232IS/MV	Instant Start	2	N	Y	N/A	N/A
	BAF232PS/MV	Programmed Start	2	N	Y	N/A	N/A
	BAF432IS/MV	Instant Start	4	N	N/A	Y	Y
Robertson	IEA432T8120N 3P20135	Instant Start	4	Y	N/A	Y	Y
Sunlite	40155-SU-SB/232/MV	Instant Start	2	N	Y	N/A	N/A
Universal	B232IUNVEL-N	Instant Start	2	Y	Y	N/A	N/A
	B232IUNVHP-N	Instant Start	2	Y	Y	N/A	N/A
	B232IUNVHEH-A	Instant Start	2	Y	Y	N/A	N/A
	B232PUNVHE-B	Instant Start	2	Y	Y	N/A	N/A
	B332IUNVHP-A	Instant Start	3	Y	Y	Y	N/A
	B332IUNVHE-A	Instant Start	3	Y	Y	Y	N/A
	B332IUNVEL-A	Instant Start	3	Y	Y	Y	N/A
	B432PUNVHE-A	Instant Start	4	Y	N/A	Y	Y
	B432IUNVHE-A	Instant Start	4	Y	N/A	N	N
	B432IUNVHP-A	Instant Start	4	Y	N/A	N	N
UltraSave	UT 232347	Instant Start	2	Y	Y	N/A	N/A