

HYLITE™
LED Lighting

LED
OptiMax™
High Performance Tube Lights

NEXGEN
PRODUCTS

Patented & Proprietary Technology
Multi-Wattage: 12W, 15W and 18W
&
Multi-CCT: 3000K, 3500K, 4000K, 5000K, 6500K

**Up to 44W
Fluorescent
Equivalent**

AC Direct Type B

Multi-CCT, Multi-Wattage, 12W-15W-18W LED T8 Tube Light

- Ballast Bypass AC Direct (120~277V AC). Works with Single-end (either side) and/or Double-end Power Input.
- Switchable Wattage: 12W, 15W or 18W
- Save Labor and Maintenance: Works with Shunted or Non-Shunted Tombstones: No Rewiring Necessary!
- Replace Fluorescent Tube by Bypassing the Ballast or by removing it. 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 125 LpW. Maintains more than 85% of its initial Lumens throughout its lifespan.
- 320° Beam Spread 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). Relative Humidity: 45% to 85%
- 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 60%	High Efficacy 125 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 60%	Power Low Consumption	Beam Angle Wide & Uniform	Lumen Efficacy 125 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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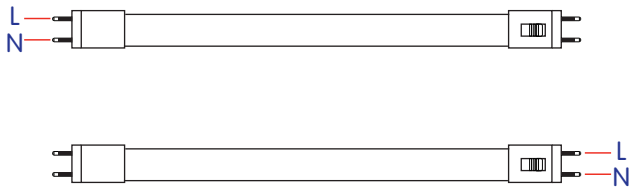
Model	Multi Watts	Multi CCT	Lens Type	Lumen Output	Efficacy (LpW)	Fluorescent Equivalent	Energy Savings*	Dimensions & Weight (Each)			Case Qty.	Case Weight
								Length	Diameter	Weight		
HL-GT8-4B-12-18W-3065K	12W	30K	Frosted	1620	135	Up to 44W	59%	4 ft. (120cm)	1" (25.4mm)	8 oz. (216g)	25	14.3 lb. (6.5 Kg.)
	15W	35K	with	1900	127		59%					
	18W	40K	Shatter	2300	128		60%					
		50K	Shield				60%					
		65K				60%						

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

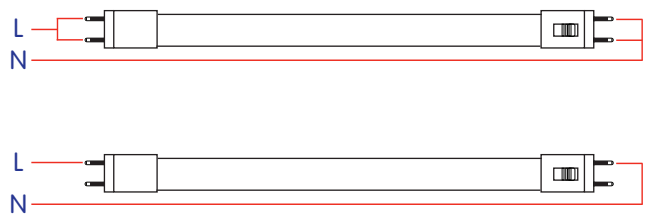
CRI: >83	Beam Angle: 220°	Beam Spread: 320°	Input Voltage (V): AC:100~277V, 50/60Hz
Power Factor: >0.9 (THD: <20%)	IP Rating: 42	Humidity Range: 45%~85%	
(CCT): 3000K-3500K = Warm White	4000K = Neutral White	5000K = Daylight	6500K = Ultra-Bright

Wiring Diagram (Type B)

Single-ended Input (Type B)



Double-ended Input (Type B)



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, Type B are designed to work with AC Direct Wire Only (Ballast Bypass). 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-submersible (not water tight).
- HyLite OptiMax™ LED T8 Tube Lights are not Dimmable. Do not use with Dimmers.
- 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.
- Do Not Open – No User Serviceable Parts inside.
- 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.
- 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.
- To prevent Wiring Damage or Abrasion, DO NOT Expose Wiring to edges of Sheet Metal or other Sharp Objects.
- 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.
- 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.
- This Retrofit Kit is accepted as a component of a Luminaire where the suitability of the combination shall be determined by Authorities having Jurisdiction.