



HyLite LED Tube Lights - Up to 50,000 hour Rated Performance Life. Outstanding Quality of Light with Energy Savings of **86%** over Incandescent and up to **60%** over Fluorescent Tube and CFL.

LED T8 Tube Lights

Unlike fluorescent tube lights, which waste as much as 50% of their light by projecting it upward, HyLite LED Tube Lights emit 90% of the light in a downward, 130° beam angle so all of the lighting is effectively projected with ultra-efficient illumination and even distribution onto surfaces.

- Lumen Efficacy: Up to 135 lpw with High CRI: >82
- Solid State: High-Shock and Vibration-Resistant.
- Shatter-Proof Design: Will not break even if dropped.
- Quick and Easy Installation.
- Maintenance Free. Save Labor and Maintenance - No replacements of Ballasts or Starters necessary for its lifetime!
- Ultra Long Life: >50,000 hours; this translates to over 17 years (at an on-time of 8 hrs./day). Compare that with the traditional fluorescent tube lights that would need to be replaced every few years, not including replacement of ballasts or starters.
- Low Power Consumption & Extreme Efficiency: HyLite LED tube lights are 80% more efficient and consume between 67~72% less energy than the traditional fluorescents.
- Replaces: T8, T10 and T12 Fluorescents on current style fixtures; plugs directly into receptacles.
- Proprietary Heat Sink and Optical design.
- Withstands Extreme Hot and Cold Temperatures: -4°F~140°F (-20°C~60°C).
- 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.
- Instantaneous "On/Off" Startup Times: Starts right away, no matter the temperature or humidity conditions. Over their lifespan, the Light degrades by only 10%, typically near the end of its life. Turning "On" and "Off" a LED tube light does not affect the lifespan of the tube.
- Flicker-free Lighting: Constant, seamless light eliminates eye strain and headaches associated with Fluorescent Lighting.
- Soft Light, No Glare: Significantly Reduces Light Pollution.
- No IR or UV light produced. Does not attract Bugs or Insects.
- No Need for a Ballast: No Humming - Eliminates the annoying characteristics of magnetic ballasts.
- No RF or Radiated EMI Interference: Perfect for settings where sensitive instruments can be disturbed by Fluorescent Lighting.
- Crisp Light Output: Color Temperatures available in full Spectrum
- RoHS Compliant: No Lead, Mercury, Toxic Gases or any Hazardous Materials.
- Environmentally Friendly: 98% of the LED tube light is Recyclable.
- Safe: UL and CE Certified.



Energy 60%	High Efficacy 135 lpw	>50000 Hours	CRI (Ra) >82	Angle 120~130°
THD <25%	Multiple CCT	Minimum Heat	PF >0.97	100-277V

HyLite LED Tube	Equivalent to / Energy Savings (%)*	Incandescent Bulb	Fluorescent Tube / CFL
4 ft. (120cm), 18W	130W (86%)	45W (60%)	

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



Applications :

- Office Lights
- Shopping Malls
- Hospitality
- Lab and Clean Room
- Cold Display
- Utility Rooms
- Computer and Equipment Rooms
- Hospitals
- Store Displays
- Warehouses
- Garage Lighting
- Kitchen Lighting
- Supply Rooms

Model No.	Lens Type	Watts	Fluorescent Replacement	Lumens (lm)	Efficacy (lpw)	Input Line Current	Dimensions & Weight (each)			Case Qty.	Case Weight
							Length	Diameter	Weight		
HL-T8-4FN-18W	Frosted	18W	45W	1894	105	0.07~0.15A	4 ft.	1.14 in.	12 oz.	24	26 lb.
HL-T8-4CN-18W	Clear	18W	45W	2431	135		(120cm)	(29mm)	(340g)	Tubes	(12 Kg.)

Cover: Clear & Frosted

Power Factor: >0.97

(CCT): 3000~3500K = Warm White

CRI: >82

THD: <25%

4000K = Neutral White

Beam Angle: 120°~130°

IP Rating: 42

5000K = Daylight

Input Voltage (V): AC:100-277V, 50/60Hz

Ambient Working Temperature: -4°F~140°F (-20°C~60°C)

Humidity Range: 10%~90%

Warning - Important Safety Instructions

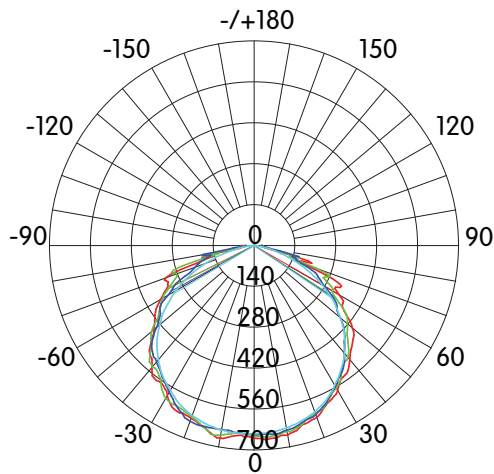
- Risk of Electric Shock – Use in dry or damp locations only. Do not use where directly exposed to water or weather. Non-submergible (not water tight).
- Read and Understand the detailed Installation Instructions before installing the HyLite T8 LED Tube Light.
- Disable all power to the fixture before 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 intended for use with emergency exit fixtures or emergency exit lights.
- Do not open – no user serviceable parts inside.
- Note: The luminaire once modified as a retrofit fixture, it will no longer operate Fluorescent Lamps.

Warning: When retrofitting LED T8 Tube Light to fluorescent fixture, the Ballast **must** be by-passed when present. Eliminating the Ballast saves additional costs related to maintenance, energy consumption and performance. By-passing Ballast will also ensure that there is no RF interference.

HyLite 4 ft. (120 cm) LED T8 Tube Lights - Photometrics

Luminous Intensity Distribution Diagram

- Clear Lens



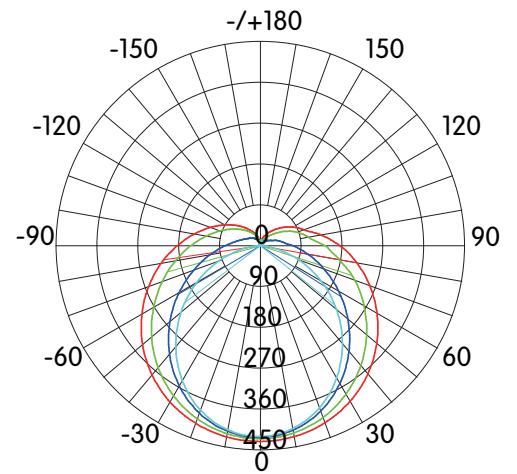
Unit:cd

- C0/180, 123.5 deg.
- C30/210, 120.3 deg.
- C60/240, 117.9 deg.
- C90/270, 114.7 deg.

Average Beam Angle (50%): 119.1 deg.

Luminous Intensity Distribution Diagram

- Frosted Lens



Unit:cd

- C0/180, 161.6 deg.
- C30/210, 146.2 deg.
- C60/240, 117.0 deg.
- C90/270, 104.4 deg.

Average Beam Angle (50%): 132.3 deg.