

DATA SHEET: LED PLL HYBRID LAMP

The ALG LED PLL HYBRID LAMP is an efficient way to light sockets once traditionally reserved for compact fluorescents. Our LED PLL HYBRID LAMP are backed with our industry-leading 100,000-hour rated lamp life and 10-year warranty.

PRODUCT BENEFITS

- Consumes up to 80% less energy.
- Minimize labor and recycling costs.
- Stable lumen output.
- Mercury free and virtually no UV or IR light.
- Works with or without a ballast.
- Soft and wide light emitting.
- No projected heat.
- Rated Life: 100,000 hrs.
- Limited Warranty: 5 year (10yrs optional).

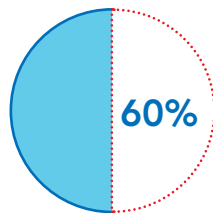


BEAM ANGLE



ALG LED Light Distribution

CAN DECREASE ENERGY USAGE BY



vs. Similar Fluorescent Lamps

WARRANTY



Our Industry-Leading 10-Year Limited Warranty Guarantees Unsurpassed Quality

TECHNICAL DATA

- CCT: 3500K, 4000K, 5000K, 5700K
- Color Rendering Index (CRI): >80
- Operation Temperature: -20°C to 50°C
- Lumen efficiency: 120LPW
- Universal voltage: 120V-277V applications
- Input Frequency: 50/60Hz
- High power factor: .90
- LED: SMD 2835 chips
- Housing: Aluminum/PC

ORDERING MODEL

ALG TUBE	TUBE TYPE	INTERNAL DRIVER	LENGTH	BASE	WATTAGE	CCT
AL	T8	IL	T2= 2FT	G11	13W 15W 18W 20W 22W	3500K 4000K 5000K 5700K
Product Code: example						
AL -T8ILT2G11 -13W 3500K						



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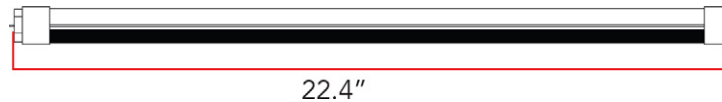
PRODUCT SPECIFICATION

Product No.	Wattage	Input Voltage	Color Temp (K)	Rated Lumens	Rated Efficacy	CRI	Beam Angle	Rated Life (Hours)	Operating Temp. (°F)	Power Factor
2 FT ALG LED PLL HYBRID LAMP										
AL-T8ILT2G11-13W	13	120V-277V, 50/60 Hz	3500K/4000K/ 5000K	1,560	120	>80	180°	100,000	-20°C to 50°C	>.90
AL-T8ILT2G11-15W	15	120-2 120V-277V, 50/60 Hz 77V	3500K/4000K/ 5000K	1,800	120	>80	180°	100,000	-20°C to 50°C	>.90
AL-T8ILT2G11-18W	18	120-120V-277V, 50/60 Hz 277V	3500K/4000K/ 5000K	2,160	120	>80	180°	100,000	-20°C to 50°C	>.90
AL-T8ILT2G11-20W	20	120-2 120V-277V, 50/60 Hz 77V	4000K/5000K/5700K	2,400	120	>80	180°	100,000	-20°C to 50°C	>.90
AL-T8ILT2G11-22W	22	120-120V-277V, 50/60 Hz 277V	4000K/5000K/5700K	2,640	120	>80	180°	100,000	-20°C to 50°C	>.90

PHYSICAL DATA

Product No.	Material Usage	Lens	Environment	Certification	Packing/carton
AL-T8ILT2G11-13W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25
AL-T8ILT2G11-15W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25
AL-T8ILT2G11-18W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25
AL-T8ILT2G11-20W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25
AL-T8ILT2G11-22W	RoHS Compliant; no mercury	Clear, Frosted	Dry & Damp	UL Classied, NSF	25

DIMENSIONS



INSTALLATION

Direct Replacement Procedure:

1. Turn OFF power to the fixture at the breaker panel before installation.
2. Open the diffuser from the light fixture.
3. Remove the fluorescent tubes and dispose of these properly as they may contain mercury.
4. Make the new wire connection (A) to the branch circuit.
5. Install the LED tubes ensure the pins are firmly seated in lamp holders and close the diffuser.
6. Switch ON power to the fixture at the breaker panel.