

Refit solutions from GE



Type C LED Tubes – T5 Glass

DESCRIPTION

Convert your existing linear fluorescent fixture to LED lighting without needing a comprehensive reinstall. LED tubes are ideal for those seeking high energy savings with minimal installation time. Each LED tube is operated by a GE Lightech™ driver. See reverse for LED tubes and Lightech driver product details.

FEATURES

- T5 glass tube
- 1800-4500 lumen options available
- > 270 degree beam spread
- > 120 total system lumens per watt (LPW)
- 3000K, 3500K, 4000K, 5000K and 6500K color temperature
- 50,000-hour rated life
- 5 year warranty
- UL and CUL-approved technologies
 - in compliance with UL 1598 certification

BENEFITS

- Fast and Easy LED upgrade
- Low energy LFL replacement
- 66% longer life than LFL (50,000 vs. 30,000 hours)
- Better quality of light –instant on
- Fully illuminates fixture - 270° light distribution
- Easy disposal, non-hazardous waste

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When you Think LED lighting, Think GE.



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Product Specifications

Type	Base Type	Watts	Order Code	Description	Volts	Case Qty**	MOL (in)	Lumens Initial	Initial Color Temp	CRI	*Rated Life L70 (Hrs)	DLC	UL	#Location Rating	Additional Information
Remote LED Glass T5 2ft Tubes (Operates on Remote Driver)															
	G5	13	76150	LED15T5/G/2/830	20	22	1800	3000K	80+	50,000	-	Yes	Damp	Requires Driver	
	G5	13	76164	LED15T5/G/2/835	20	22	1850	3500K	80+	50,000	-	Yes	Damp	Requires Driver	
	G5	13	76129	LED15T5/G/2/840	20	22	1900	4000K	80+	50,000	-	Yes	Damp	Requires Driver	
	G5	13	76167	LED15T5/G/2/850	20	22	1900	5000K	80+	50,000	-	Yes	Damp	Requires Driver	
	G5	13	76192	LED15T5/G/2/865	20	22	1900	6500K	80+	50,000	-	Yes	Damp	Requires Driver	
Remote LED Glass T5 4ft HO Tubes (Operates on Remote Driver)															
	G5	31	91973	LED36T5/G/4/830	20	46	4100	3000K	80+	50,000	-	Yes	Damp	Requires Driver	
	G5	31	91976	LED36T5/G/4/835	20	46	4200	3500K	80+	50,000	-	Yes	Damp	Requires Driver	
	G5	31	91977	LED36T5/G/4/840	20	46	4400	4000K	80+	50,000	-	Yes	Damp	Requires Driver	
	G5	31	91997	LED36T5/G/4/850	20	46	4500	5000K	80+	50,000	-	Yes	Damp	Requires Driver	
	G5	31	92006	LED36T5/G/4/865	20	46	4400	6500K	80+	50,000	-	Yes	Damp	Requires Driver	

Lightech Drivers - Non Dimming

GE Product Code	Description	# of Lamps
38970	LED15T8/DR/UN/2L	2

Lightech Drivers - Dimming

GE Product Code	Description	# of Lamps
38975	LED15T8/DR/4DL	4
38974	LED15T8/DR/D2L	2
92013	LED36T/DR/4DL	4
63126	LED36T8/DR/D2L	2

General Characteristics - Non Dimming

GE Product Code	38970
Output Current (A)	0.44*2
Input Watt Range (W)	30
Input Voltage (V)	120-277V
Input Frequency (Hz)	50/60Hz
Efficiency (%)	> .9%
Output Type	DC
Output Volt Range	27-33V
Dimmability	None
Ambient Temp Min	-4°F
Ambient Temp Max	104°F
Case Temperature	158°F

General Characteristics - Dimming

GE Product Code	38974	63126	38975	92013
Output Current (A)	0.44*2	1.06*2	0.44*4	1.06*4
Input Watt Range (W)	30	72	60	144
Input Voltage (V)	120-277V			
Input Frequency (Hz)	50/60Hz			
Efficiency (%)	> .9%			
Output Type	DC			
Output Volt Range	27-33V			
Dimmability	0-10V			
Ambient Temp Min	-4°F			
Ambient Temp Max	104°F			
Case Temperature	158°F			

Dimensions - Non Dimming

GE Product Code	38970
Weight	1.01
Casing Length (in)	9.5
Casing Width (in)	1.3
Casing Height (in)	1.25
Lead Exit Length (in)	26
Input Wire Length (in)	36
Output Wire Length (in)	38

Dimensions - Dimming

GE Product Code	38974	63126	38975	92013
Weight	1.01	1.08	1.08	2.15
Casing Length (in)	9.5	9.5	9.5	16.75
Casing Width (in)	1.3	1.7	1.7	2.0
Casing Height (in)	1.25	1.25	1.25	1.25
Lead Exit Length (in)	26	26	26	26
Input Wire Length (in)	36	36	36	36
Output Wire Length (in)	42	42	42	42

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Product is compliant with material restriction requirements of RoHS



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versatile



Application illustration only, subject lamps not used in photo.



GE LED replacement lamps for HID

GE's LED replacement for HID lamps leverage the low energy and long life of LED. The LED lamp screws into the existing fixture without wiring or costly upgrades.

LOW-COST OPERATION

- Uses 50% less energy, providing similar light output (18,500 lumens vs. 23,500 lumens)
- For example, using 165 watts of total system energy (130W lamp and 35W ballast), save over \$1,622 in energy costs over the rated life of a lamp vs. a standard 460 watt HID lamp system (400W lamp and 60W ballast) based on \$0.11 per kWh
- Total system >100 LPW

VERSATILE UPDATE

- Uses existing fixture optics and ballast (Pulse or Probe Start)
- Instant On/Brightness
- Flexible use - universal burn
- Open and enclosed fixture rated options
- Temperature rating for -20°C to 50°C
- Does not work on reactor or electronic ballasts
- Exceeding temperature ratings will shorten life of lamp
- For totally enclosed fixtures please refer to packaging on interior fixture volume requirements
- Check ballast compatibility at:

gelighting.com/led-hid-ballast-compatibility

LONG LIFE

- 50,000 hour rated life (L70)
- Lasts 2.5X longer than HID (20,000 hrs)
- 50,000 hour rated fan life (B10)
- High-Performance fan ensures rated lamp life

COLOR RENDERING

- Available with a CRI of 70

COLOR TEMPERATURE

- Available in 4000K and 5000K

ENVIRONMENTALLY CONSCIOUS

- These lamps are energy efficient and are compliant with material restriction requirements of RoHS

GE QUALITY AND RELIABILITY

- 5-year limited warranty
- Tether Kit included
- Robust construction with metal components

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GE LED HID Replacement Lamps

Bulb Shape	Base Type	Watts	Order Code	Description	Fixture Rating	Case Qty**	MOL (in)	MOD (in)	Lumens Initial	Initial Color Temp	CRI	Wattage Replacement	*Rated Life L70 (Hrs)	Dimmable	#Location Rating	Additional Information
LED Replacement Lamps for HID																
	EX39	165	21259	LED165/M400/740	Open Rated Only	3	11.42	5.51	20,000	4000	73	400	50,000	-	Dry	CWA, ANSI, M59, M135, M155
	130	43252	LED130/2M400/740	Open or Enclosed Rated	3	8.4	4.09	18,500	4000	70	400W	50,000	-	Damp	CWA ANSI, M57, M137, M152	
	88109	LED130/2M400/750	Open or Enclosed Rated	3	8.4	4.09	18,500	5000	70	400W	50,000	-	Damp	CWA ANSI, M57, M137, M152		
	80	43258	LED80/2M250/740	Open or Enclosed Rated	3	8.4	4.09	11,800	4000	70	250W	50,000	-	Damp	CWA ANSI, M58, M138, M153	
	88099	LED80/2M250/750	Open or Enclosed Rated	3	8.4	4.09	11,800	5000	70	250W	50,000	-	Damp	CWA ANSI, M58, M138, M153		
	60	43263	LED60/2M175/740	Open or Enclosed Rated	3	8.4	4.09	8,800	4000	70	175W	50,000	-	Damp	CWA ANSI, M57, M137, M152	
	88107	LED60/2M175/750	Open or Enclosed Rated	3	8.4	4.09	8,800	5000	70	175W	50,000	-	Damp	CWA ANSI, M57, M137, M152		

Energy Savings switching from HID to LED

Lamp Replacement Wattage	HID System Wattage	LED System Wattage	System Energy Savings	System Energy Cost Savings Over Life of Lamp*
400W	460W	165W	295W	\$1,622
250W	290W	112W	178W	\$979
175W	210W	88W	122W	\$671

*Based on energy rates at .11kwh over the life of the lamp

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* The life rating is based on the hours of operation the lamp will provide before reaching 70% of its original rating (L70)

** Minimum order quantity = 1

UL 1993 Environmental Requirements for LED LAMPS

Location, damp - Exterior or interior location that is normally or periodically subject to condensation of moisture in, on, or adjacent to, electrical equipment, and includes partially protected locations.

Location, dry - Location not normally subject to dampness, may include a location subject to temporary dampness, i.e., building under construction, provided ventilation is adequate to prevent an accumulation of moisture.

Location, wet - Location in which water or other liquid can drip, splash, or flow on or against electrical equipment.

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