LED GDT SERIES

Four Foot - 12 Watts

Project: Date:

Catalog #:

Notes:

Key Features & Benefits:

- Dual-Mode, Works With or Without Electronic Ballast
- Glass Construction with Shatterproof Coating
- > 220° Beam Spread
- Integral Driver (Isolated)

5 YEAR WARRANTY

Technical Specifications:

Input Voltage: 120-277 VAC
Lumen Output: Up to 1,866 Lumens
Efficacy (lm/W): Up to 129 Lumens per Watt
Kelvin: 3500K, 4000K, 5000K
Color Rendering Index (CRI): >80
Material: Glass with PET Coating
Power Factor: >0.9
Rated Life (hrs): 50,000 Hours
Base Type: G13
Operating Temperature: -4°F - 113°F
Tube Dimensions (ØxL): 1" x 47.75"
Tube Weight (lbs): 0.4 Pounds

DLC QPL LISTED

SHATTERPROOF COATING

DAMP LOCATION

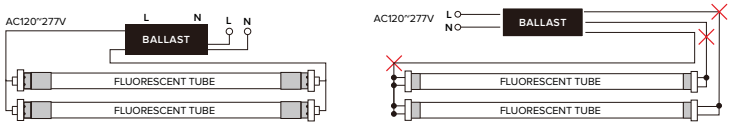
c UL us LISTED

CLASSIFIED UL

NSF

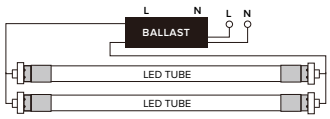
GDT Wiring:

Before Upgrade:

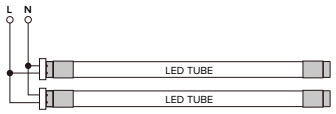


After Upgrade:

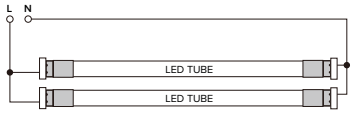
BALLAST COMPATIBLE (TYPE A)



SINGLE END (TYPE B)



DUAL END (TYPE B)



Ordering Guide:

ESL	-	T8	-	GDT	-	12W	-	F	2	
ESL		T8		TYPE		WATTS		LENS	GENERATION	KELVIN
		T8 Tube		Glass Dual-Mode Tube		12W (12 Watts)		F (Frosted)	2 (2nd Generation)	35 (3500 Kelvin) 40 (4000 Kelvin) 50 (5000 Kelvin)

Not All Part Numbers DLC Qualified. For a Complete Listing Please Consult the DLC Qualified Products List (QPL).

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Four Foot - 12 Watts

Catalog Data:

		LINE VOLTAGE			**0.78** BALLAST FACTOR			**0.88** BALLAST FACTOR			**1.18** BALLAST FACTOR		
ITEM#	KELVIN	WATTS	LUMEN OUTPUT	(lm/W)	WATTS	LUMEN OUTPUT	(lm/W)	WATTS	LUMEN OUTPUT	(lm/W)	WATTS	LUMEN OUTPUT	(lm/W)
ESL-T8-GDT-12W-F235	3500K	12W	1,750	146	11W	1,380	122	14W	1,740	126	15W	1,755	120
ESL-T8-GDT-12W-F240	4000K	12W	1,760	147	11W	1,380	123	14W	1,770	129	15W	1,775	122
ESL-T8-GDT-12W-F250	5000K	12W	1,785	149	11W	1,400	126	14W	1,795	130	15W	1,790	122

*For a complete list of compatible ballasts, refer to our Ballast Compatibility Guide

ITEM#	KELVIN	DLC QPL CODE
ESL-T8-GDT-12W-F235	3500K	PMA4JUY2
ESL-T8-GDT-12W-F240	4000K	PVCNRDKD
ESL-T8-GDT-12W-F250	5000K	PY3CDJUL

Lumen Ambient Temperature (LAT) Multipliers:

AMBIENT		LUMEN MULTIPLIER
0 °C	32 °F	1.02
10 °C	50 °F	1.01
20 °C	68 °F	1
25 °C	77 °F	1
30 °C	86 °F	1
40 °C	104 °F	0.99
50 °C	122 °F	0.96

LED Lumen Maintenance:

SYSTEM WATTS	HOURS			
	0	25000	50000	100000
9	100%	94%	89%	79%

Electrical Load:

SYSTEM WATTS	INPUT CURRENT				INPUT VOLTAGE	INPUT FREQUENCY	POWER FACTOR	THD	OPERATING TEMPERATURE	SURGE PROTECTION	INPUT CURRENT
	120 VAC	208 VAC	240 VAC	277 VAC							
9	0.1	0.06	0.05	0.04	120-277 VAC	47-63 Hz	>0.9	<25%	-13°F to 104°F (-25°C to 40°C)	0.5kV	0.11A MAX

Not All Part Numbers DLC Qualified. For a Complete Listing Please Consult the DLC Qualified Products List (QPL).