

EDI G1 SERIES - LED T8 Tube (2-FT, 3-FT, 4-FT)

The EDI G1 Series - LED T8 Tube, (2-FT, 3-FT, 4-FT), Up to 165 lm/W, IP44 Wet Location, Hybrid Type A+B, Single and Double Ended Power, Premium Replacement Lamp.

Project:
Date:
Catalog No:
Prepared By:

Premium Features

Lumen Output	1322 to 2998 lumens
Efficacy	Up to 165 lm/W
Input Voltage	120-277V
Driver	Dual Mode Internal Driver (Type A+B)
Installation	Single or Double Ended
Dimmable	No
CCT	4000K or 5000K
IP Rating	IP44 Wet Location
Size	2-FT, 3-FT, 4-FT
Warranty	5 Years

2-FT, 3-FT, and 4-FT Models



Applications

Premium indoor replacement lamp intended to replace 2, 3, or 4 foot T8 or T12 fluorescent lamps with a G13 base for linear lighting fixtures. Suitable for use in linear troffers, wraparounds, and shop lights.

Construction

Manufactured for durability and heat dissipation using aluminum sheet backing. IP44 Wet Location rated for protection against solid objects 1.0mm diameter and greater, splashing water: IEC 60529.

Electrical

Input voltages 120-277V. Type A+B, Hybrid plug and play to operate with or without a ballast. Single or Double-Ended Power installations. Operating temperatures -4°F to 104°F (-20°C to 40°C).

Optics

Anti-UV Frosted Polycarbonate Lens.

Controls

Compatible with ON/OFF occupancy sensors.

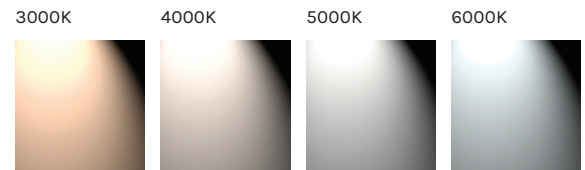
Listings

UL certified to meet US and Canadian standards. FCC, and RoHS compliant. Listed to qualify for energy-efficient LED lighting rebates.

Warranty

5 yr /50K hrs. View at: <https://falkorindustry.com/warranty/>.

Correlated Color Temperatures (CCT)



Specifications

Energy Data

Input Voltage: 120-277V

Input Frequency: 50/60 Hz

Wattage: 8W, 12W, 15W, 18W

Power Factor: >0.9

Total Harmonic Distortion (THD): <20%

Operating Temperature: -4°F to 104°F (-20°C to 40°C)

Lighting Data

Lumens: 1322, 1967, 1974, 2481, 2998

Lumens Per Watt: Up to 165 lm/W

Color Correlated Temperature (CCT): 3000K, 4000K, 5000K, 6000K

Dimmable: No

Color Rendering Index (CRI): >80

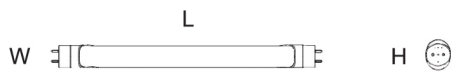
L70: 50000 hours

Ordering Information

Model	Size	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Color	Dimensions
EDI-T82F8-AB G1-3000K	2-FT	8W	120-277V	0.07A@120V, 0.03A@277V	1322	165 lm/W	3000K	No	White w/ Silver	23.12"L x 1.00"W x 1.25"H
EDI-T82F8-AB G1-4000K	2-FT	8W	120-277V	0.07A@120V, 0.03A@277V	1322	165 lm/W	4000K	No	White w/ Silver	23.12"L x 1.00"W x 1.25"H
EDI-T82F8-AB G1-5000K	2-FT	8W	120-277V	0.07A@120V, 0.03A@277V	1322	165 lm/W	5000K	No	White w/ Silver	23.12"L x 1.00"W x 1.25"H
EDI-T83F12-AB G1-3000K	3-FT	12W	120-277V	0.11A@120V, 0.05A@277V	1974	141 lm/W	3000K	No	White w/ Silver	35.12"L x 1.00"W x 1.25"H
EDI-T83F12-AB G1-4000K	3-FT	12W	120-277V	0.11A@120V, 0.05A@277V	1974	141 lm/W	4000K	No	White w/ Silver	35.12"L x 1.00"W x 1.25"H
EDI-T83F12-AB G1-5000K	3-FT	12W	120-277V	0.11A@120V, 0.05A@277V	1974	141 lm/W	5000K	No	White w/ Silver	35.12"L x 1.00"W x 1.25"H
EDI-T84F12-AB G1-3000K	4-FT	12W	120-277V	0.11A@120V, 0.05A@277V	1967	164 lm/W	3000K	No	White w/ Silver	47.12"L x 1.00"W x 1.25"H
EDI-T84F12-AB G1-4000K	4-FT	12W	120-277V	0.11A@120V, 0.05A@277V	1967	164 lm/W	4000K	No	White w/ Silver	47.12"L x 1.00"W x 1.25"H
EDI-T84F12-AB G1-5000K	4-FT	12W	120-277V	0.11A@120V, 0.05A@277V	1967	164 lm/W	5000K	No	White w/ Silver	47.12"L x 1.00"W x 1.25"H
EDI-T84F15-AB G1-4000K	4-FT	15W	120-277V	0.14A@120V, 0.06A@277V	2481	164 lm/W	4000K	No	White w/ Silver	47.12"L x 1.00"W x 1.25"H
EDI-T84F15-AB G1-5000K	4-FT	15W	120-277V	0.14A@120V, 0.06A@277V	2481	164 lm/W	5000K	No	White w/ Silver	47.12"L x 1.00"W x 1.25"H
EDI-T84F18-AB G1-4000K	4-FT	18W	120-277V	0.17A@120V, 0.07A@277V	2998	165 lm/W	4000K	No	White w/ Silver	47.12"L x 1.00"W x 1.25"H
EDI-T84F18-AB G1-5000K	4-FT	18W	120-277V	0.17A@120V, 0.07A@277V	2998	165 lm/W	5000K	No	White w/ Silver	47.12"L x 1.00"W x 1.25"H
EDI-T84F18-AB G1-6000K	4-FT	18W	120-277V	0.17A@120V, 0.07A@277V	2998	165 lm/W	6000K	No	White w/ Silver	47.12"L x 1.00"W x 1.25"H

Physical Dimensions

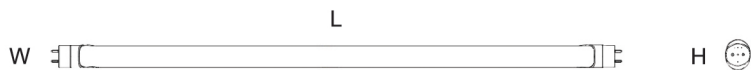
2-FT Models 23.12"L x 1.00"W x 1.25"H



3-FT Models 35.12"L x 1.00"W x 1.25"H



4-FT Models 47.12"L x 1.00"W x 1.25"H



Ballast Compatibility

Brand	Model	Brand	Model
ACT	ACT2P32ISUNV	Keystone	KTEB-232RIS-1-TP-SL
ACT	ACT4P32ISUNVE	Keystone	KTEB-232-UV-IS-N-P
Electronic Ballast	TBE-126FW	Keystone	KTEB-432-UA-IS-N-P
Espen	VE232MVHIPL	Osram	QHE 1X32T8/347 ISN-SC
Espen	VE2P32MVHIPE	Osram	QHE 1X32T8/UNV ISL-SC
Espen	VE3P32MVHIPE	Osram	QHE 1X32T8/UNV ISN-SC-1
Espen	VE4P32MVHIPE	Osram	QHE 2X32T8/UNV ISL-SC
Fullham Workhorse	WH5-120-L	Osram	QHE 2X32T8/UNV ISL-SC-1
Fullham Workhorse	WH5-277-L	Osram	QHE 2X32T8/UNV ISN-SC
Fullham Workhorse	WH6-120-L	Osram	QHE 3X32T8/UNV ISN-SC
Fullham Workhorse	WH6-277-L	Osram	QHE 4X32T8/UNV ISN-SC
Fullham Workhorse	WHCG2-120-T8-IS	Osram	QTP 1X32T8/UNV ISN-SC
Fullham Workhorse	WHSG1-UNV-T8-IS	Osram	QTP 2X32T8/UNV ISN-SC
Fullham Workhorse	WHSG4-UNV-T8-IS	Osram	QTP 3X32T8/UNV ISN-SC
GE	GE132MAX-L/ULTRA	Osram	QTP 3X32T8/UNV ISN-SC
GE	GE132MAX-P-N/ULTRA	Osram	QTP 4X32T8/UNV ISN-SC
GE	GE232-120RES-DIY	Pacific Ballast	EB-232IS-120-RES
GE	GE232-120RESDIYB	Philips	ICN-3P32-N
GE	GE232MAX347-N	Philips	ICN-3P32-SC
GE	GE232MAX-G-N	Philips	ICN-4P32-N
GE	GE232MAX-G-N-DIYB	Philips	ICN-4P32-SC
GE	GE232MAX-P-H/ULTRA	Philips	IOP-2P32-HL-N
GE	GE232-MV-N	Philips	IOP-2P32-LW-N
GE	GE232MV-N-DIY	Philips	IOP-4P32-LW-N
GE	GE232-N-347	Philips	IOPA-3P32-LW-N
GE	GE332-120-N	Philips	IOPA-3P32-N
GE	GE332MAX90-V60	Philips	IOPA-3P32-SC
GE	GE332MAX-G-N	Philips	IOPA-4P32-N
GE	GE332MAX-G-N-DIYB	Philips	REB-2P32-N
GE	GE332MV-L	Philips	REB-2P32-SC
GE	GE332MV-N-DIY	Philips	REB-4P32-SC
GE	GE432-120-N	Plusrite	BAF232IS/MV
GE	GE432-120RES-B	Plusrite	BAF332IS/MV
GE	GE432-120RES-DIY	PowerMaster	PM-2X32T8-UNV-IS-L
GE	GE432-120RESDIYB	Radionic	E232H12
GE	GE432MAX-G-N	Robertson	IEA432T8120N
GE	GE432MAX-G-N-DIYB	Robertson	ISU232T8120
GE	GE432MAX-H/ULTRA	Standard Products	E232T8IS120-277/N/AS
GE	GE432MAX-N/ULTRA	Sunpark	120-3/32IS MPF
GE	GE432MAX-P-H/ULTRA	Sunpark	U-2/32ISE
GE	GE432MV-N	Sunpark	U-2/32ISE-LBF
GE	GE432MV-N-DIY	Sunpark	U-3/32ISE
Halco Prolume	EP232IS/L/MV/SL	Sunpark	U-4/32ISE
Howard Industries	EP2/32IS/MV/MC/HE	Triad	B232IUNVHP-B
Howard Industries	EP3/32IS/MV/MC/HE	Triad	B332IUNVHP-A
Howard Industries	EP4/32IS/MV/MC/HE	Triad	B432IUNVHP-A
Howard Industries	EPL3/32IS/MV/SC/HE	Universal	B132IUNVHP-N
		Universal	B232IUNVHP-N