



Energetic Lighting's™ E3T8CG series of LED Direct Plug-in T8 tubes are designed to emulate the look and feel of traditional 4-foot 32 watt fluorescent T8 tubes, while maintaining the ease of a plug-in installation. A durable coated glass diffuser make this tube virtually indistinguishable from traditional fluorescent tubes. No fixture retrofit wiring is needed since these bulbs will run off the existing fluorescent ballast. Compatible with most electronic ballasts, including pulse start, rapid start, and instant start configurations. Rated with an L70 lifetime of at least 50,000 hours, this rugged tube lamp is designed for many years of reliable maintenance-free operation.

Features

- Dual ended circuit design for non-shunted sockets
- Works just like a traditional fluorescent T8 tube.
- Mercury-free construction
- Suitable for Damp Location use
- Suitable for totally enclosed fixtures
- Easy and secure installation
- Durable coated glass tube lens

Applications

- Office lighting
- Overhead task lighting
- Limited space mounting locations
- General lighting

Specification

Order Number	20032	20015	20026	20027	20028	20023	20024
Model Number	E3T8CG-12F835	E3T8CG-12F840	E3T8CG-12F850	E3T8CG-15F840	E3T8CG-15F850	E3T8CG-18F840	E3T8CG-18F850
Configuration	4-ft Direct	4-ft Direct	4-ft Direct	4-ft Direct	4-ft Direct	4-ft Direct	4-ft Direct
Base Type							
Beam Angle	180°	180°	180°	180°	180°	180°	180°
Optical Distribution							
Lumen Output	1999 LM	1999 LM	2022 LM	2369 LM	2433 LM	2326 LM	2451 LM
Luminous Efficacy	174 LM/W	174 LM/W	176 LM/W	163 LM/W	168 LM/W	122 LM/W	129 LM/W
Input Power	11.5 W	11.5 W	11.5 W	14.5 W	14.5 W	19 W	19 W
Equivalent Wattage						32	32
Input Voltage	ballast Vac	ballast Vac	ballast Vac	ballast Vac	ballast Vac	ballast Vac	ballast Vac
Power Factor	0.91	0.91	0.9	0.92	0.92	0.97	0.97
THD	<0.15	<0.15	<0.15	<0.15	<0.15	0.16	0.16
Color Temp (CCT)	3500 K	4000 K	5000 K	4000 K	5000 K	4000 K	5000 K
Color Rend (CRI)	80	80	80	80	80	83	83
Lifetime Rating	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours	50000 hours
Warranty	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years	5 Years
Dimmability	No	No	No	No	No	No	No
Operating Temp	-4 to 104 (Å °F)	-4 to 104 (Å °F)	-4 to 104 (Å °F)	-4 to 104 (Å °F)	-4 to 104 (Å °F)	-4 to 104 (Å °F)	-4 to 104 (Å °F)
Environment	Damp Location	Damp Location	Damp Location	Damp Location	Damp Location	Damp Location	Damp Location
Enclosed Install	Yes	Yes	Yes	Yes	Yes	Yes	Yes
DLC		DLC Standard	DLC Standard	DLC Standard	DLC Standard	DLC Standard	DLC Standard
Safety Cert	UL	UL	UL	UL	UL	UL	UL
Weight	0.45 LBS	0.45 LBS	0.45 LBS	0.45 LBS	0.45 LBS	0.45 LBS	0.45 LBS

Dimensions	47.7" x 1.1"	47.7" x 1.1"	47.7" x 1.1"	47.7" x 1.1"	47.7" x 1.1"	47.7" x 1.1"	47.7" x 1.1"
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Dimensions and Packaging Info

Model Number	E3T8CG-12F835	E3T8CG-12F840	E3T8CG-12F850	E3T8CG-15F840	E3T8CG-15F850	E3T8CG-18F840	E3T8CG-18F850
Item UPC	8 4594000685 5	8 4594000625 1	8 4594000686 2	8 4594000700 5	8 4594000701 2	8 4594000615 2	8 4594000621 3
Case UPC	10 8 4594000685 2	10 8 4594000625 8	10 8 4594000686 9	10 8 4594000700 2	10 8 4594000701 9	10 8 4594000615 9	10 8 4594000621 0
Master Carton UPC		20 8 4594000688 0		20 8 4594000700 9	20 8 4594000701 6		
Item(s) per pack	1 lamp per pack	1 lamp per pack	1 lamp per pack	1 lamp per pack	1 lamp per pack	1 lamp per pack	1 lamp per pack
packs per case	20 per case	20 per case	20 bulbs per case	20 bulbs per case	20 bulbs per case	20 bulbs per case	20 bulbs per case
Case per Master							
Item weight	0.9 lbs	0.9 lbs	9 oz	9 oz	oz	8 oz	8 oz
Case weight	15 lbs	15 lbs	15 lbs	15 lbs	15 lbs	13 lbs	13 lbs
Master Weight							
Item pack dimensions	47"(L)x 1.25" (W) X 1.25"(H)	47"(L)x 1.25" (W) X 1.25"(H)	47"(L)x 1.25" (W) X 1.25"(H)	47"(L)x 1.25" (W) X 1.25"(H)	2.50"(L)x .55" (W) X.45"(H)	47.78"(L) x 1.06"(D)	47.78"(L) x 1.06"(D)
Case dimensions	50"(L)x 11"(W) X 9"(H)	50"(L)x 11"(W) X 9"(H)	50"(L)x 11"(W) X 10"(H)	51"(L)x 11"(W) X 9"(H)	51"(L)x 11"(W) X 9"(H)	50"(W) x 11" (L) x 9"(H)	50"(W) x 11" (L) x 9"(H)
Master dimensions							