

LED T8 - DIRECTFIT
4FT GLASS SERIES
UL TYPE-A



PRODUCT DESCRIPTION:

MaxLite DirectFit LED T8 lamp is the ideal plug and play solution that works straight out of the box. Designed to deliver up to 2,100 lumens, these energy-saving LED lamps are quick, easy and safe to install into existing linear fluorescent fixtures without any extra effort or re-wiring. MaxLite DirectFit LED T8 lamps utilize the existing T8 instant-start electronic ballasts, thus minimizing maintenance and labor costs.

FEATURES:

- Wattage (Bare Lamp): 14W 4FT, replaces 32W fluorescent T8
- Lumens: 2,100lm
- Input Voltage: 120-277V, determined by fluorescent ballast
- UL Type-A, compatible with most electronic instant-start, program start T8 ballasts
- Instant on
- All glass construction with aluminum end-caps
- Beam Angle: 320°
- Color Rendering Index (CRI): ≥80
- THD <20%
- Power Factor: ≥0.90
- Suitable for use in dry and damp locations
- Suitable for use in enclosed fixture
- Not for use with T12 magnetic or electronic ballasts
- Not for use with T8 magnetic or HO ballasts
- Not for use or to be wired to "mains voltage"
- 5 year limited warranty
- 50,000 hour life (L70 standards)
- L14T8DF440-GA and 14T8DF450-GA are listed on the DLC QPL

4FT MODEL SELECTION (Full list of order codes on pg. 2)		Typical order example: L14T8DF440-GA		
L14	T8	DF	4	
FAMILY	LAMP TYPE	OPERATION	LENGTH	CCT
L14= LED Linear, 14 Watt	T8= T8 tube, Bi-Pin G13	DF= Direct Fit	4= 4 FT	40-GA= 4000K, Glass Lens 50-GA= 5000K, Glass Lens

NOTES:

1. See page 3 for a list of compatible ballasts

SPECIFICATIONS:

		L14T8DF4xx-GA
ITEM	SPECIFICATION	4FT - DETAILS
GENERAL PERFORMANCE	Bare Lamp Wattage (W)	14W
	Lumens Delivered* (lm)	2,100
	Color Temperature (CCT)	4000K, 5000K
	CRI	80
	Beam Angle	320°
	Lumen Maintenance (L70)	50,000 Hours
ELECTRICAL	Power Factor	≥ 0.90
	Input Voltage	120-277V, ballast dependent
PHYSICAL	Operating Temperature	-4°F to 113°F
	Lens	Opal (Frosted)
	Dimension (W" x MOL")	1.05" x 47.78"
QUALIFICATION	Qualification	DLC Standard, cULus, RoHS
	Material Usage	RoHS compliant, no mercury
	Environment	Dry, Damp
	Warranty	5 Years

* Operating with normal ballast factor (.88) ballast

ORDERING:

ITEM NUMBER	MODEL NUMBER	PARENT MODEL	BARE LAMP WATTAGE	CCT	CASE QTY	AVERAGE SYSTEM WATTS			INITIAL LUMENS			
						LOW BF= .78	NORMAL BF= .88	HIGH BF= 1.18	LOW BF= .78	NORMAL BF= .88	HIGH BF= 1.18	
4FT T8												
1409637	L14T8DF440-GA-P	L14T8DF440-GA	14W	4000K	25pcs	16.5	17	21.3	1900	2100	2350	
1409638	L14T8DF450-GA-P	L14T8DF450-GA		5000K								

Specifications are subject to change without notice.

COMPATIBLE BALLASTS-INSTANT START

MANUFACTURE	BRAND	MODEL NUMBER	# OF LAMPS	1 LAMP LOAD		2 LAMPS LOAD		3 LAMPS LOAD		4 LAMPS LOAD	
				INPUT VOLTAGE		INPUT VOLTAGE		INPUT VOLTAGE		INPUT VOLTAGE	
				120V	277V	120V	277V	120V	277V	120V	277V
FULHAM	FULHAM	WHSG4-UNV-T8-IS	4	-	-	-	-	GOOD	GOOD	GOOD	GOOD
GE	ULTRAMAX	GE432MAX-G-N	4	-	-	-	-	GOOD	GOOD	GOOD	GOOD
		GE259MAX-G-N	2	GOOD	GOOD	GOOD	GOOD	-	-	-	-
		GE232MAX-G-N	2	GOOD	GOOD	GOOD	GOOD	-	-	-	-
		GE132MAXP-N/ULTRA	1	GOOD	GOOD	-	-	-	-	-	-
		GE432MAX-G-L	4	-	-	-	-	GOOD	GOOD	GOOD	GOOD
		GE332MAX-G-N	3	-	-	GOOD	GOOD	GOOD	GOOD	-	-
		GE332MAX-G-L	3	-	-	GOOD	GOOD	GOOD	GOOD	-	-
		GE432MAXP-H/ULTRA	4	-	-	-	-	-	-	GOOD	GOOD
HATCH	HATCH	HL232BIS/UV/HE/W	2	GOOD	GOOD	GOOD	GOOD	-	-	-	-
HATCH	HATCH	HL432BIS/UV/HE/W	4	-	-	-	-	GOOD	GOOD	GOOD	GOOD
OSRAM	QUICKTRONIC	QHE4*32T8/UNVISN-SC	4	-	-	-	-	-	-	GOOD	GOOD
SUNLITE	SUNLITE	40155-SU.SB/232/MV	2	GOOD	GOOD	GOOD	GOOD	-	-	-	-
UNIVERSAL LIGHTING TECHNOLOGIES	TRIAD	B132UNVHP-N	1	GOOD	-	-	-	-	-	-	-

COMPATIBLE BALLASTS RAPID/PROGRAM START

MANUFACTURE	BRAND	MODEL NUMBER	# OF LAMPS	1 LAMP LOAD		2 LAMPS LOAD		3 LAMPS LOAD		4 LAMPS LOAD	
				INPUT VOLTAGE		INPUT VOLTAGE		INPUT VOLTAGE		INPUT VOLTAGE	
				120V	277V	120V	277V	120V	277V	120V	277V
GE	ULTRASTART	GE232-MVPS-L	2	GOOD	GOOD	GOOD	GOOD	-	-	-	-

Please contact MaxLite for questions about third party ballasts that are not on this list.