

**LED T8 - DIRECTFIT**  
4FT GLASS SERIES, PALLET  
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 2100 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): 14.5W 4FT, replaces 32W fluorescent T8
- Lumens: 2,100 lumens
- Input Voltage: 120-277V, determined by fluorescent ballast
- UL Type-A, compatible with most electronic instant-start T8 ballasts
- 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 totally enclosed recessed 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”
- Five year limited warranty
- 50,000 hour life (L70 standards)
- Products L14.5T8DF440-GA and L14.5T8DF450-GA are listed on the DLC QPL

4FT MODEL SELECTION (Full list of order codes on pg. 2)		Typical order example: L14.5T8DF440-GA-P		
L14.5	T8	DF	4	
FAMILY	LAMP TYPE	OPERATION	LENGTH	CCT
<b>L14.5=</b> LED Linear, 14.5 Watt	<b>T8=</b> T8 tube, Bi-Pin G13	<b>DF=</b> Direct Fit	<b>4=</b> 4 FT	<b>40-GA-P=</b> 4000K, Glass, Pallet <b>50-GA-P=</b> 5000K, Glass, Pallet

**NOTES:**

1. See page 3 for a list of compatible ballasts

**SPECIFICATIONS:**

SPECIFICATIONS:		L14.5T8DF4xx-G-P*
ITEM	SPECIFICATION	4FT - DETAILS
GENERAL PERFORMANCE	Bare Lamp Wattage (W)	14.5W
	Lumens Delivered* (lm)	2100
	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 104°F
	Lens	Opal (Frosted)
	Dimension (W" x MOL")	1.05" x 47.78"
CERTIFICATION	Certification	DLC 4.2 Standard, cULus, RoHS
	Material Usage	RoHS compliant, no mercury
	Environment	Dry, Damp
	Warranty	5 Years

\* Operating with normal ballast factor (.88) ballast

**ORDERING:**

ORDER CODE	ITEM NUMBER	PRODUCT 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
<b>4FT T8</b>											
1409087	L14.5T8DF440-GA-P	L14.5T8DF440-GA	14.5	4000K	25pcs	16.5	17.5	21.3	1900	2100	2350
1409111	L14.5T8DF450-GA-P	L14.5T8DF450-GA	14.5	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
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.