

LED 4' T8 - LINEAR REPLACEMENT LAMP
BAA PLASTIC 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 2000 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
- Lumens: 2000lm
- Input Voltage: 120-277V, 347V, determined by fluorescent ballast
- UL Type-A, compatible with most electronic instant-start T8 ballasts and emergency ballasts
- Instant on, no warm-up time
- Mercury-free
- All plastic len construction
- Beam Angle: 330°
- Color Rendering Index (CRI): 80
- 50,000 hour life (L70 standards)
- THD: 14%
- Power Factor: 0.90 nominal
- Frequency: 50/60Hz
- Five year limited warranty
- Rated Lifetime @ L70: 50,000 Hours
- Products USL14T8DF435, USL14T8DF440 and USL14T8DF450 are listed on the DLC QPL

APPLICATIONS:

- Office
- Commercial Buildings
- Hospitals
- Hotels
- Schools
- Recreation Centers

4FT MODEL SELECTION (Full list of order codes on pg. 2)

Typical order example: USL14T8DF450

USL14	T8	DF	4	
FAMILY	LAMP TYPE	OPERATION	LENGTH	COLOR TEMPERATURE
USL14= LED Linear, 14W	T8= T8 tube, Bi-Pin G13	DF= Direct Fit	4= 4 FT	35= 3500K 40= 4000K 50= 5000K

CAUTIONS:

1. Risk of Fire - Do not install lamp in a pre-heat luminaire
2. Suitable for use in dry and damp locations
3. Suitable for use in totally enclosed recessed fixture
4. Not suitable for use with dimmers
5. Not suitable for use with emergency exits
6. Not for use with T12 magnetic or electronic ballasts
7. Not for use with T8 magnetic or HO ballasts
8. Not for use or to be wired to "mains voltage"

NOTES:

1. See page 3 for a list of compatible ballasts

SPECIFICATIONS:

		USL14T8DF4xx
ITEM	SPECIFICATION	DETAILS
GENERAL PERFORMANCE	Bare Lamp Wattage (W)	14W
	Lumens Delivered* (lm)	2000
	Color Temperature (CCT)	3500K, 4000K & 5000K
	CRI	80
	Beam Angle	330°
	Lumen Maintenance (L70)	50,000 hours
ELECTRICAL	Power Factor	≥ 0.90
	Input Voltage	120-347V, ballast dependent
PHYSICAL	Operating Temperature	-4°F to 113°F
	Base Type	Medium Bi-Pin (G13)
CERTIFICATION	Certification	DLC 4.2, cULus Listed, RoHS, FCC
	Material Usage	RoHS compliant, no mercury
	Environment	Dry, Damp
	Warranty	5 Years

* Operating with normal ballast factor (.88) ballast

ORDERING:

ORDER CODE	MODEL	WATTS (BARE LAMP)	SYSTEM WATTAGE	LUMENS (NORMAL BF .88)	CCT	CASE QTY
4FT T8 MODELS						
14098907	USL14T8DF435	14W	18W	2000	3500K	25pcs
14098908	USL14T8DF440				4000K	
14098909	USL14T8DF450				5000K	

Specifications are subject to change without notice.

COMPATIBLE BALLASTS - INSTANT START:

MANUFACTURER	MODEL	MODEL
UNIVERSAL LIGHTING TECHNOLOGIES	ULTIM 8	B332IUNVEL-A
	TRIAD	B332IUNVHP-A
		B432IUNVHP-A
		B132UNVHP-N
GE	ULTRAMAX	GE132MAX-L/ULTRA
		GE232MAXP-N/ULTRA
		GE432MAX-G-N
		GE259MAX-G-N
		GE232MAX-G-N
		GE132MAXP-N/ULTRA
		GE432MAX-G-L
		GE332MAX-G-N
		GE332MAX-G-L
		GE432MAXP-H/ULTRA
	PROLINE	GE332MV-N-DIY
PHILIPS ADVANCE	OPTANIUM	IOPA-4P32-N
		IOPA-2P32-N
	CENTIUM	ICN-2P60-SC
		ICN-3P32-N
		ICN-4P32-N
		ICN-2P32-N
	AMBISTAR	REB-2P32-N
SYLVANIA	QUICKTRONIC	QHE 2*32T8/UNV ISH -SC
	QUICKTRONIC	QHE 2*32T8/UNV ISH HT-SC
OSRAM	NEMA Premium	QHE 1*32T8/UNV ISN-SC
	QUICKTRONIC	QTP 2*32T8/UNV ISN-SC
		QHE 4*32T8/UNV ISN-SC
HUAFENG	HUAFENG	ENI-T8-32-P2SC-N
		ENI-T8-32-P2SC-N
		ENI-T8-32-P2MC-H
MAXLITE	MAXLITE	MLEU324HE/SC2
SUNLITE	SUNLITE	40155-SU.SB/232/MV
FULHAM	FULHAM	WHS4-UNV-T8-IS

COMPATIBLE BALLASTS - RAPID/PROGRAM START:

MANUFACTURER	BRAND	MODEL
GE	ULTRASTART	GE232-MVPS-L
PHILIPS ADVANCE	AMBISTAR	RELB-2S40-N
SYLVANIA	QUICKTRONIC	QEH 1*32T8/UNVPSN-MC

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

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