

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



PRODUCT DESCRIPTION:

MaxLite DirectFit LED T8 lamps are a plug-and-play retrofit lighting solution. These energy-saving LED lamps are quick, easy and safe to install into existing linear fluorescent fixtures without any extra effort or re-wiring. Since DirectFit LED T8 lamps utilize the existing T8 instant-start electronic ballast, upfront installation costs are minimized.

FEATURES:

- Outputs: 1,800 and 2,200 lm
- Input Voltage: 120-277V, determined by fluorescent ballast
- UL Type-A, compatible with most electronic instant-start, T8 ballasts
- Instant on
- All frosted glass construction with plastic end caps
- Beam Angle: 320°
- 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"
- 50,000 hour life (L70 standards)

WARRANTY:

5-year standard warranty (further details available at www.maxlite.com/warranties)
Product may be eligible for a warranty extension to 10 years, for an additional fee. Contact MaxLite for details.

4FT MODEL SELECTION (Full list of order codes on pg. 2)				Typical order example: L10.5T8DF435-GA	
L10.5	T8	DF	4		
FAMILY	LAMP TYPE	OPERATION	LENGTH	CCT	
L10.5=LED Linear, 10.5 Watt	T8= T8 tube, Bi-Pin G13	DF= Direct Fit	4= 4 FT	35-GA =3500K, Frosted Glass with Plastic End Caps 40-GA =4000K, Frosted Glass with Plastic End Caps 50-GA =5000K, Frosted Glass with Plastic End Caps	

4FT MODEL SELECTION (Full list of order codes on pg. 2)				Typical order example: L14T8DF440-GA2	
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	35-GA2 = 3500K, Frosted Glass with Plastic End Caps 40-GA2 = 4000K, Frosted Glass with Plastic End Caps 50-GA2 = 5000K, Frosted Glass with Plastic End Caps	

NOTES:
1. See page 3 for a list of compatible ballasts

SPECIFICATIONS:

		L10.5T8DF4xx-GA			L14T8DF4xx-GA2		
ITEM	SPECIFICATION	4FT - DETAILS					
GENERAL PERFORMANCE	Bare Lamp Wattage (W)	10.5W	10.5W	10.5W	14W	14W	14W
	Lumens Delivered* (lm)	x	1,800	x	x	2200	x
	Color Temperature (CCT)	3500K	4000K	5000K	3500K	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	Frosted Glass					
	Dimension (W" x MOL")	1.05" x 47.78"					
CERTIFICATION	Certification	UL listed					
	Material Usage	RoHS compliant, no mercury					
	Environment	Dry, Damp					
	Warranty	5 Years					
QUALIFICATION	DesignLight Consortium	DLC Standard					

* Operating with normal ballast factor (.88) ballast

ORDERING:

ITEM NUMBER	MODEL NUMBER	DLC ID #	WATTAGE	COLOR TEMPERATURE
10.5W 4FT T8				
L10.5T8DF435-GA	xx	xx	10.5W	3500K
L10.5T8DF440-GA	103331	PII5QWGD	10.5W	4000K
L10.5T8DF440-GA	x	xx	10.5W	5000K
14W 4FT T8				
L14T8DF435-GA2	xx	xx	14W	3500K
L14T8DF440-GA2	103334	PJ924ERB	14W	4000K
L14T8DF450-GA2	xx	xx	14W	5000K

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

COMPATIBLE BALLASTS-INSTANT START - 120V, 277V

MANUFACTURE	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
ESPEN	VE232MVHIPE	2	GOOD	GOOD	GOOD	GOOD				
	VE232MVHIPL	2	GOOD	GOOD	GOOD	GOOD				
FULHAM	WHSG3-UNV-T8-IS	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	WHSG4-UNV-T8-IS	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
GE	GE-232-MV-N-DIY	2	GOOD	GOOD	GOOD	GOOD				
	GE-432-MV-N-DIY	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	GE132MAX-NULTRA	1	GOOD	GOOD						
	GE232MAX-NULTRA	2	GOOD	GOOD	GOOD	GOOD				
	GE332MAX-NULTRA	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	GE432MAX-NULTRA	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	GE132MAX-LULTRA	1	GOOD	GOOD						
	GE232MAX-LULTRA	2	GOOD	GOOD	GOOD	GOOD				
	GE132MAX-HULTRA	1	GOOD	GOOD						
	GE232MAX-HULTRA	2	GOOD	GOOD	GOOD	GOOD				
	GE232-120RES-DIY	2	BAD		BAD					
	GE132MAXP-NULTRA	1	GOOD	GOOD						
	GE232MAXP-NULTRA	2	GOOD	GOOD	GOOD	GOOD				
	GE332MAXP-NULTRA	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	GE432MAXP-NULTRA	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	GE132MAXP-LULTRA	1	GOOD	GOOD						
	GE232MAXP-LULTRA	2	GOOD	GOOD	BAD	BAD				
	GE332MAXP-LULTRA	3	GOOD	GOOD	GOOD	GOOD	BAD	BAD		
	GE432MAXP-LULTRA	4	GOOD	GOOD	GOOD	GOOD	BAD	BAD	BAD	BAD
	GE332MAXP-HULTRA	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
GE432MAXP-HULTRA	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	
HALCO LIGHTING	EP232ISLMVHE	2	GOOD	GOOD	GOOD	GOOD				
	EP332ISLMVHE	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	EP232ISHMVHE	2	GOOD	GOOD	GOOD	GOOD				
	EP332ISMVHE	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	EP432ISMVHE	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	BAD	BAD

COMPATIBLE BALLASTS-INSTANT START - 120V, 277V

MANUFACTURE	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
HATCH	HL232BIS/uv/he/w	2	GOOD	GOOD	GOOD	GOOD				
	HL432BIS/us/he/w	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
HOWARD INDUSTRIES	EPL232ISMVMCHE	2	GOOD	GOOD	GOOD	GOOD				
	EPL332ISMVSCH	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	EPL432ISMVMCHE	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	EPH232ISMVMCHE	2	GOOD	GOOD	GOOD	GOOD				
	EPH332ISMVMCHE	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	EPH432ISMVSCH	4	GOOD	GOOD	GOOD	GOOD	BAD	GOOD	BAD	GOOD
	EP332ISMVMCHE	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	EP432ISMVMCHE	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	BAD	GOOD
KEYSTONE	KTEB-232-UV-IS-H-P	2	GOOD	GOOD	GOOD	GOOD				
	KTEB-332-UV-IS-H-P	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	KTEB-232-UV-IS-N-P	2	GOOD	GOOD	GOOD	GOOD				
	KTEB-332-UV-IS-N-P	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	KTEB-432-UV-IS-L-P	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
MAXLITE	SKEU324HESC	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	MLEU324HESC	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
PHILIPS ADVANCE	ICN-1P32-N	1	GOOD	GOOD						
	ICN-2P32-N	2	GOOD	GOOD	GOOD	GOOD				
	ICN-3P32-N	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	ICN-4P32-N	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	IOPA-1P32-N	1	GOOD	GOOD						
	IOPA-2P32-N	2	GOOD	GOOD	GOOD	GOOD				
	IOPA-3P32-N	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	IOPA-4P32-N	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	IOPA-1P32-LW-N	1	GOOD	GOOD						
	IOPA-2P32-LW-N	2	GOOD	GOOD	GOOD	GOOD				
	IOPA-3P32-LW-N	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	IOPA-4P32-LW-N	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	IOPA-1P32-HL-N	1	GOOD	GOOD						
	IOPA-2P32-HL-N	2	GOOD	GOOD	GOOD	GOOD				
	IOPA-4P32-HL-SC	4	BAD	BAD	BAD	BAD	BAD	BAD	BAD	BAD

Specifications are subject to change without notice.

COMPATIBLE BALLASTS-INSTANT START - 120V, 277V

MANUFACTURE	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	
PHILIPS ADVANCE	REB-2P32-N	2	GOOD		GOOD						
	ICN2P16TLEDN	2	GOOD	GOOD	GOOD	GOOD					
	ICN3P16TLEDN	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD			
	ICN4P16TLEDN	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	ICN2P16HLTLEDSC	2	GOOD	GOOD	GOOD	GOOD					
	ICN4P16HLTLEDSC	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	IZT-2P16-TLED-SC	2	GOOD	GOOD	GOOD	GOOD					
	IZT-4P16-TLED-SC	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
SYLVANIA OSRAM	QTP 1X32T8UNV ISN-SC	1	GOOD	GOOD							
	QTP 2X32T8UNV ISN-SC	2	GOOD	GOOD	GOOD	GOOD					
	QTP 3X32T8UNV ISN-SC	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD			
	QTP 4X32T8UNV ISN-SC	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	QHE 1x32T8UNV ISN-SC	1	GOOD	GOOD							
	QHE 2X32T8UNV ISN-SC	2	GOOD	GOOD	GOOD	GOOD					
	QHE 3x32T8UNV ISN-SC	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD			
	QHE 4X32T8UNV ISN-SC	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	QHE 1x32T8UNV ISL-SC	1	GOOD	GOOD							
	QHE 2x32T8UNV ISL-SC	2	GOOD	GOOD	GOOD	GOOD					
	QHE 3x32T8UNV ISL-SC	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD			
	QHE 4x32T8UNV ISL-SC	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	QHE 1x32T8UNV ISH-SC	1	GOOD	GOOD							
	QHE 2x32T8UNV ISH-SC	2	GOOD	GOOD	GOOD	GOOD					
	QHE 4x32T8UNV ISH	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	QHE 1X32T8UNV ISH HT SC	1	GOOD	GOOD							
	QHE 2X32T8UNV ISH HT SC	2	GOOD	GOOD	GOOD	GOOD					
	QHE 3x32T8UNV ISN-SC-1	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD			
	QHE 4x32T8UNV ISN-SC-1	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	QHE 3x32T8UNV ISL-SC-1	3	BAD	BAD	BAD	BAD	BAD	BAD			
QHE 4x32T8UNV ISL-SC-1	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	

COMPATIBLE BALLASTS-INSTANT START - 120V, 277V

MANUFACTURE	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
ULTRA SAVE	UT232347	2	GOOD	GOOD	GOOD	GOOD				
	UT432347	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
UNIVERSAL TRIAD	B132IUNVHP-N	1	GOOD	GOOD						
	B232IUNVHP-N	2	GOOD	GOOD	GOOD	GOOD				
	B332IUNVHP-A	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	B432IUNVHP-A	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	B132IUNVHE-A	1	GOOD	GOOD						
	B232IUNVHE-A	2	GOOD	GOOD	GOOD	GOOD				
	B332IUNVHE-A	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	B432IUNVHE-A	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	B232IUNVEL-A	2	GOOD	GOOD	GOOD	GOOD				
	B332IUNVEL-A	3	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD		
	B432IUNVEL-A	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
	B232IUNVHEH-A	2	GOOD	GOOD	GOOD	GOOD				

COMPATIBLE BALLASTS INSTANT START - 347V

MANUFACTURE	MODEL NUMBER	# OF LAMPS	1 LAMP LOAD		2 LAMPS LOAD		3 LAMPS LOAD		4 LAMPS LOAD	
			INPUT VOLTAGE		INPUT VOLTAGE		INPUT VOLTAGE		INPUT VOLTAGE	
			347V		347V		347V		347V	
GE	GE432MAX347-N	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
SYLVANIA OSRAM	QTP 2X32T8/347 ISN-SC	2	GOOD	GOOD	GOOD	GOOD				
	QHE 4X32T8/347 ISN-SC	4	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD