

LED T8 - LINEAR REPLACEMENT LAMP
DIRECTFIT COATED GLASS SERIES 4
UL TYPE-A



Intertek



FEATURES:

- Wattage (Bare Lamp):
 - 9W 2FT, ≥ 1350 lumens
 - 14W 3FT, ≥ 1700 lumens
 - 13W 4FT, ≥1800 lumens
- Input Voltage: 120-347 VAC, determined by fluorescent ballast
- Compatible with most electronic instant-start and programmed rapid start T8 ballasts
- All glass construction with PET coating
- Products L9T8DF240-CG4, L13T8DF435-CG4, L13T8DF440-CG4 and L13T8DF450-CG4 are listed on the DLC QPL
- 330° beam angle
- Color Rendering Index (CRI): ≥80
- 50,000 hour life (L70 standards)
- THD <20%
- Power Factor: 0.9 nominal
- Dimmable (ballast dependent)
- Five year limited warranty
- Suitable for use in dry locations
- Suitable for 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"

PRODUCT DESCRIPTION:

MaxLite DirectFit LED T8 lamp is the ideal plug and play solution that works straight out of the box. Designed to deliver between 1800- 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. Tested to NSF Standards, these lamps carry the **ETL Sanitation Mark** and are suitable for use in an environment where food intended for human consumption is produced.

2FT MODEL SELECTION (Full list of order codes on pg. 3) Typical order example: L9T8DF240-CG4

L9	T8	DF	2	
FAMILY	LAMP TYPE	OPERATION	LENGTH	CCT
L9= LED Linear, 9W	T8= T8 tube	DF= Direct Fit	2= 2 FT	40-CG4= 4000K, Coated Glass 50-CG4= 5000K, Coated Glass

3FT MODEL SELECTION (Full list of order codes on pg. 3) Typical order example: L14T8DF350-CG4

L14	T8	DF	3	
FAMILY	LAMP TYPE	OPERATION	LENGTH	CCT
L14= LED Linear, 14W	T8= T8 tube	DF= Direct Fit	3= 3 FT	35-CG4= 3500K, Coated Glass 40-CG4= 4000K, Coated Glass 50-CG4= 5000K, Coated Glass

4FT MODEL SELECTION (Full list of order codes on pg. 3) Typical order example: L13T8DF450-CG4

L13	T8	DF	4	
FAMILY	LAMP TYPE	OPERATION	LENGTH	CCT
L13= LED Linear, 13W	T8= T8 tube	DF= Direct Fit	4= 4 FT	35-CG4= 3500K, Coated Glass 40-CG4= 4000K, Coated Glass 50-CG4= 5000K, Coated Glass

NOTES:

1. L14T8DF3xx-CG4 are not qualified for DLC

SPECIFICATIONS:

ITEM	SPECIFICATION	L9T8DF2xx-CG4		L14T8DF3xx-CG4			L13T8DF4xx-CG4			
		2FT - DETAILS		3FT - DETAILS			4FT - DETAILS			
GENERAL PERFORMANCE	Bare Lamp Wattage (W)	9W	9W	14W	14W	14W	13W	13W	13W	
	Lumens Delivered* (lm)	1350	1400	1700	1750	1800	1800	1900	2000	
	Color Temperature (CCT)	4000K	5000K	3500K	4000K	5000K	3500K	4000K	5000K	
	CRI	81	83	80			83			
	Beam Angle	330°								
	Lumen Maintenance (L70)	50,000 hours								
ELECTRICAL	Power Factor	≥ 0.9								
	Input Voltage	120-347V, ballast dependent								
PHYSICAL	Operating Temperature	-4°F to 113°F								
CERTIFICATION	Certification	DLC, UL Listed, ETL Sanitation Listed		UL Listed, ETL Sanitation Listed			DLC, UL Listed, ETL Sanitation Listed			
	Material Usage	RoHS compliant, no mercury								
	Environment	Dry, Damp								
	Warranty	5 Years								

* Operating with normal ballast factor (.88) ballast

WATTS & LUMENS*:

MODEL	AVERAGE SYSTEM WATTS				INITIAL LUMENS		
	BARE LAMP WATTAGE	LOW BF= .78	NORMAL BF= .88	HIGH BF= 1.18	LOW BF= .78	NORMAL BF= .88	HIGH BF= 1.18
2FT T8							
L9T8DF240-CG4	9	10	12	17	1100	1350	1850
L9T8DF250-CG4	9	10	12	17	1200	1400	1950
3FT T8							
L14T8DF335-CG4	14	15	17	20	1500	1700	2000
L14T8DF340-CG4	14	15	17	20	1550	1750	2050
L14T8DF350-CG4	14	15	17	20	1600	1800	2100
4FT T8							
L13T8DF435-CG4	13	14	16	22	1600	1800	2600
L13T8DF440-CG4	13	14	16	22	1650	1900	2650
L13T8DF450-CG4	13	14	16	22	1700	2000	2750

* Lumens and watts will vary by ballast and fixture

ORDERING:

ITEM NUMBER	MODEL	WATTS (BARE LAMP)	LUMENS (NORMAL BF .88)	CCT
2FT T8				
107769	L9T8DF240-CG4	9W	1350	4000K
107770	L9T8DF250-CG4	9W	1400	5000K
3FT T8				
107771	L14T8DF335-CG4	14W	1700	3500K
107772	L14T8DF340-CG4	14W	1750	4000K
107773	L14T8DF350-CG4	14W	1800	5000K
4FT T8				
107221	L13T8DF435-CG4	13W	1850	3500K
107222	L13T8DF440-CG4	13W	1900	4000K
107223	L13T8DF450-CG4	13W	2000	5000K

Specifications are subject to change without notice.

COMPATIBLE BALLASTS - INSTANT START:

MANUFACTURER	MODEL	BALLAST FACTOR	# OF LAMPS
ACCUPRO	AP-RC-232IP-120-1	Normal	2
	A3-RC-232IP-120-1	Normal	2
DAMAR	1688A	Normal	2
ESPEN	VE232MVHIP	Normal	2
	VE332MVHIPH	High	3
	VE432MVHIP	Normal	4
FULHAM	WH3-120-L	Normal	3
	WHCG3-120-T8-IS	Normal	3
GE	GE-232-120-N	Normal	2
	GE-232-MAX-H-42T	High	2
	GE232MAX-N/ULTRA	Normal	2
	GE332MV-N	Normal	3
	GE-432-120-N	Normal	4
	GE-432-277-N	Normal	4
	GE332MAXP-N/Ultra	Normal	3
	GE332MAXP-H/Ultra	High	3
	HOWARD	EP2/32IS/MV/MC/HE	Normal
EP4/32IS/MV/MC/HE		Normal	4
KEYSTONE	KTEB-232-UV-IS-N-P	Normal	2
	KTEB-332-UV-IS-N-P	Normal	3
	KTEB-432-UV-IS-N-P	Normal	4
MAXLITE	MLEU322HE/SC	Normal	2
	MLEU322HEH/SC	High	2
	MLEU322HEL/SC	Low	2
	SKEU322H/SC	High	2
	SKEU322HEH/SC	High	2
	SKEU324L/SC	Low	4
PHILIPS ADVANCE	ICN-1P32-N	Normal	1
	GOPA-2P32-SC	Normal	2
	ICN-2M32-MC	Normal	2
	ICN-2P32-N	Normal	2
	IOPA-2P32-LW-N	Low	2

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

MANUFACTURER	MODEL	BALLAST FACTOR	# OF LAMPS
PHILIPS ADVANCE	REB-2P32-SC	Normal	2
	REL-2P32-SC	Normal	2
	ICN-3P32-N	Normal	3
	ICN-4P32-N	Normal	4
PREMIUM	IOP-4P32-LW-N	Low	4
	BB-T8/UVH-2x32	Normal	2
STANDARD	E232T8IS120/H/90C	High	2
	E232T8IS347/H/90C	High	2
	E232T8IS347/L/BULK	Low	2
	E232T8IS347/N/BULK	Normal	2
	EP232PI120L	Low	2
	EP232T8IS120/N/AS	Normal	2
	E432T8IS120/H	High	4
	E432T8IS120/L/AS/BULK	Low	4
	E432T8IS120/N/AS/BULK	Normal	4
	E432T8IS347/L/BULK	Low	4
	E432T8IS347/N/BULK	Normal	4
SUNPARK	U-2/32IS HBF	High	2
	U-2/32ISE	Normal	2
	U-2/32ISE HBF	High	2
	U-2/32ISE LBF	Low	2
	U-3/32IS	Normal	3
	U-3/32IS HBF	High	3
	U-3/32ISE	Normal	3
	U-3/32ISE HBF	High	3
	U-3/32ISE LBF	Low	3
	U-4/32IS	Normal	4
	U-4/32IS HBF	High	4
	U-4/32ISE	Normal	4
	U-4/32ISE LBF	Low	4
	U-2/32IS	Normal	2
SYLVANIA	QHE 2x32T8/UNV ISN-SC	Normal	2
	QHE 3X32T8/UNV ISH-SC	High	3
	QHE 3x32T8/UNV ISL-SC	Low	3
	QHE 3x32T8/UNV ISN-SC	Normal	3
	QHE 4x32T8/UNV ISL-SC	Low	4
	QTP 4x32T8/UNV ISN-SC	Normal	4
TCP	E3P32ISUNVE	Normal	3
UNIVERSAL TRIAD	B232IUNV-C	Normal	2
	B232IUNVHP-N	Normal	2
	B432IUNVHP-A	Normal	4

Specifications are subject to change without notice.

COMPATIBLE BALLASTS - PROGRAM/RAPID START:

MANUFACTURER	MODEL	BALLAST FACTOR	# OF LAMPS
GE	GE-232-120-PS-N	Normal	2
	GE-232-MV-PS-H	High	2
	GE-232-MV-PS-L	Low	2
PHILIPS ADVANCE*	REZ-2S32-SC	Normal	2
SYLVANIA*	QTP 2x32T8/UNV DIM-TC	Normal	2
	QHE 2x32T8/UNV PSX-MC	Normal	2
UNIVERSAL TRIAD	B232PUNVHE-B	Normal	2

*Dimmable ballast

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

COMPATIBLE EMERGENCY BALLASTS:

MANUFACTURER	MODEL
IOTA	ISL-540
	ISL-54
	I-320
KEYSTONE	KT-EMRG-500
	KT-EMRG-1400-SL
	KT-EMRG-1300-T5
PHILIPS BODINE	B50
	ELI-S-20
	LP600
	B50ST