

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



Intertek



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.

FEATURES:

- Wattage (Bare Lamp): 15W
- 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
- 330° beam angle
- Color Rendering Index (CRI): ≥82
- 50,000 hour life
- 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”

MODEL SELECTION (Full list of order codes on pg. 2)			Typical order example: L15T8DF440-CG	
L15	T8	DF	4	
FAMILY	LAMP TYPE	OPERATION	LENGTH	CCT
L15= LED Linear, 15W	T8= T8 tube	DF= Direct Fit	4= 4 FT	35-CG= 3500K, Coated Glass 40-CG= 4000K, Coated Glass 50-CG= 5000K, Coated Glass

SPECIFICATIONS:

		L15T8DF4XX-CG
ITEM	SPECIFICATION	DETAILS
GENERAL PERFORMANCE	Bare Lamp Wattage (W)	15W
	Lumens Delivered* (lm)	1800-2000
	CRI	≥83
	Beam Angle	330°
	Color Temperature (CCT)	3500K, 4000K, 5000K
	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	UL, ETL Sanitation Listed
	Material Usage	RoHS compliant, no mercury
	Environment	Dry, Damp, ETL Sanitation Listed
	Warranty	5 Years

* Operating with normal ballast factor (.88) ballast

WATTS & LUMENS*:

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= 1.10
15	16	18	25	1600	1800	2500

* Lumens and watts will vary by ballast and fixture

ORDERING:

ITEM NUMBER	MODEL	CCT	LUMENS	LENGTH
77964	L15T8DF435-CG	3500K	1850	4FT
77965	L15T8DF440-CG	4000K	1900	
77966	L15T8DF450-CG	5000K	2000	

COMPATIBLE BALLASTS - INSTANT START:

MANUFACTURER	MODEL	BALLAST FACTOR	# OF LAMPS
ACCUPRO	AP-RC-232IP-120-1	Normal	2
ACCUPRO	A3-RC-232IP-120-1	Normal	2
DAMAR	1688A	Normal	2
ESPEN	VE232MVHIP	Normal	2
ESPEN	VE432MVHIP	Normal	4
FULHAM	WH3-120-L	Normal	3
FULHAM	WHCG3-120-T8-IS	Normal	3
GE	GE-232-120-N	Normal	2
GE	GE232MAX-N/ULTRA	Normal	2
GE	GE332MV-N	Normal	3
GE	GE332MAXP-N/Ultra	Normal	3
GE	GE-432-120-N	Normal	4
GE	GE-432-277-N	Normal	4
HOWARD	EP2/32IS/MV/MC/HE	Normal	2
HOWARD	EP4/32IS/MV/MC/HE	Normal	4
KEYSTONE	KTEB-232-UV-IS-N-P	Normal	2
KEYSTONE	KTEB-332-UV-IS-N-P	Normal	3
KEYSTONE	KTEB-432-UV-IS-N-P	Normal	4
MAXLITE	MLEU322HE/SC	Normal	2
MAXLITE	SKEU322H/SC	High	2
MAXLITE	SKEU322HEH/SC	High	2
MAXLITE	SKEU322HEL/SC	Low	2
MAXLITE	SKEU322L/SC	Low	2
MAXLITE	SKEU324H/SC	High	4
MAXLITE	SKEU324HE/SC	Normal	4
MAXLITE	SKEU324HEH/SC	High	4
MAXLITE	SKEU324L/SC	Low	4
PHILIPS ADVANCE	ICN-1P32-N	Normal	1
PHILIPS ADVANCE	GOPA-2P32-SC	Normal	2
PHILIPS ADVANCE	ICN-2M32-MC	Normal	2
PHILIPS ADVANCE	ICN-2P32-N	Normal	2
PHILIPS ADVANCE	IOPA-2P32-LW-N	Low	2
PHILIPS ADVANCE	REB-2P32-SC	Normal	2

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

MANUFACTURER	MODEL	BALLAST FACTOR	# OF LAMPS
PHILIPS ADVANCE	REL-2P32-SC	Normal	2
PHILIPS ADVANCE	ICN-3P32-N	Normal	3
PHILIPS ADVANCE	ICN-4P32-N	Normal	4
PHILIPS ADVANCE	IOP-4P32-LW-N	Low	4
PREMIUM	BB-T8/UVH-2x32	Normal	2
STANDARD	E232T8IS120/H/90C	High	2
STANDARD	E232T8IS347/H/90C	High	2
STANDARD	E232T8IS347/L/BULK	Low	2
STANDARD	E232T8IS347/N/BULK	Normal	2
STANDARD	EP232PI120L	Low	2
STANDARD	EP232T8IS120/N/AS	Normal	2
STANDARD	E432T8IS120/H	High	4
STANDARD	E432T8IS120/L/AS/BULK	Low	4
STANDARD	E432T8IS120/N/AS/BULK	Normal	4
STANDARD	E432T8IS347/L/BULK	Low	4
STANDARD	E432T8IS347/N/BULK	Normal	4
SUNPARK	U-2/32IS HBF	High	2
SUNPARK	U-2/32ISE	Normal	2
SUNPARK	U-2/32ISE HBF	High	2
SUNPARK	U-2/32ISE LBF	Low	2
SUNPARK	U-3/32IS	Normal	3
SUNPARK	U-3/32IS HBF	High	3
SUNPARK	U-3/32ISE	Normal	3
SUNPARK	U-3/32ISE HBF	High	3
SUNPARK	U-3/32ISE LBF	Low	3
SUNPARK	U-4/32IS	Normal	4
SUNPARK	U-4/32IS HBF	High	4
SUNPARK	U-4/32ISE	Normal	4
SUNPARK	U-4/32ISE LBF	Low	4
SUNPARK	U-2/32IS	Normal	2
SYLVANIA	QHE 2x32T8/UNV ISN-SC	Normal	2
SYLVANIA	QHE 3x32T8/UNV ISL-SC	Low	3
SYLVANIA	QHE 3x32T8/UNV ISN-SC	Normal	3
SYLVANIA	QTP 4x32T8/UNV ISN-SC	Normal	4
TCP	E3P32ISUNVE	Normal	3
UNIVERSAL TRIAD	B232IUNVHP-N	Normal	2
UNIVERSAL TRIAD	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	GE-232-MVPS-H	High	2
GE	GE-232-MVPS-L	Low	2
PHILIPS ADVANCE*	REZ-2S32-SC	Normal	2
SYLVANIA*	QTP 2x32T8/UNV DIM-TC	Normal	2
SYLVANIA*	QHE 2x32T8/UNV PSX-MC	Normal	2
UNIVERSAL TRIAD	B232PUNVHE-B	Normal	2

*Dimmable ballast

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COMPATIBLE EMERGENCY BALLASTS:

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