

LED T8 U-BEND

DirectFit SERIES



PRODUCT DESCRIPTION:

MaxLite DirectFit LED T8 U-bend lamp is the ideal plug and play solution that works straight out of the box. Designed to deliver over 1800 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 U-bend lamps utilize the existing T8 instant-start electronic ballasts, thus minimizing maintenance and labor costs.

FEATURES:

- Power*: 16W
- Input Voltage: 120-277 VAC, determined by fluorescent ballast
- Compatible with most electronic instant-start T8 ballasts
- Acrylic construction with 320° beam angle
- Color Rendering Index (CRI): ≥85
- 50,000 hour life
- THD <20%
- Power Factor: 0.9 nominal
- Five year limited warranty
- Non dimmable
- Suitable for use in damp locations
- Suitable for use in totally enclosed recessed fixture
- Not for use or to be wired to "mains voltage"

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

Typical order example: U16T8DF240

U	16	T8	DF	2	
FAMILY	WATTAGE	LAMP TYPE	OPERATION	LENGTH	CCT
U= LED U-Bend T8	16= 16W	T8= T8 tube	DF= Direct Fit	2= 2 FT	35= 3500K 40= 4000K 50= 5000K

NOTES:

1. *Bare lamp
2. See page 3 for a list of compatible ballasts

SPECIFICATIONS:

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ITEM	SPECIFICATION	DETAILS
GENERAL PERFORMANCE	Power (Bare Lamp)	16W
	Lumens Delivered*	1,800
	CRI	≥85
	Beam Angle	320°
	Color Temperature (CCT)	3500K, 4000K, 5000K
	Lumen Maintenance (L70)	50,000 hours
ELECTRICAL	Power Factor	0.9
	Input Voltage	120-277V, ballast dependent
PHYSICAL	Operating Temperature	-4°F to 113°F
CERTIFICATION	Certification	UL, LM79, LM80
	Material Usage	RoHS compliant, no mercury
	Environment	Dry & Damp
	Warranty	5 Years

*Operating with normal ballast factor (0.88) ballast

WATTS & LUMENS*:

MODEL	RATED BARE LAMP (W)	AVERAGE SYSTEM WATTS (W)			INITIAL LUMENS		
		LOW BF=.78	NORMAL BF=.88	HIGH BF=1.18	LOW BF=.78	NORMAL BF=.88	HIGH BF=1.18
U16T8DF235	16	16.5	19	25	1600	1800	2000
U16T8DF240							
U16T8DF250							

* Lumens and watts will vary by ballast and fixture

ORDERING:

ITEM NUMBER	ORDER CODE	CCT	LENGTH	DIMENSIONS (L" x DIA")
76914	U16T8DF235	3500K	2FT	22.44" x 1.00"
76630	U16T8DF240	4000K		
76631	U16T8DF250	5000K		

Lighting layouts and spacing criteria available upon request

COMPATIBLE BALLASTS:

MANUFACTURER	MODEL
ACCUPRO	A3-RC-232IP-120-1
ACCUPRO	AP-RC-232IP-120-1
DAMAR	1688A
ESPEN	VE232MVHIP
ESPEN	VE432MVHIP
FULHAM	WH3-120-L
FULHAM	WHCG3-120-T8-IS
GE	GE-232-120-N
GE	GE-232-120-PS-N
GE	GE-232MAX-N/ULTRA
GE	GE-232-MVPS-H
GE	GE-232-MVPS-L
GE	GE-332MV-N
GE	GE-432-120-N
GE	GE-432-277-N
HOWARD	EP2/32IS/MV/MC/HE
HOWARD	EP3/32IS/MV/MC/HE
HOWARD	EP4/32IS/MV/MC/HE
HOWARD	EPL3/32IS/MV/SC/HE
KEYSTONE	KTEB-232-UV-IS-N-P
KEYSTONE	KTEB-332-UV-IS-N-P
KEYSTONE	KTEB-432-UV-IS-N-P
MAXLITE	MLEU322HE/SC
MAXLITE	MLEU322HEH/SC
MAXLITE	MLEU322HEL/SC
MAXLITE	MLEU323/SC
MAXLITE	MLEU323H/SC
MAXLITE	MLEU323L/SC
MAXLITE	MLEU324HE/SC
MAXLITE	MLEU324HEL/SC
MAXLITE	SKEU322/SC

MANUFACTURER	MODEL
MAXLITE	SKEU322H/SC
MAXLITE	SKEU322HEH/SC
MAXLITE	SKEU322HEL/SC
MAXLITE	SKEU322L/SC
MAXLITE	SKEU323L/SC
MAXLITE	SKEU324H/SC
MAXLITE	SKEU324HE/SC
MAXLITE	SKEU324HEH/SC
MAXLITE	SKEU324HEL/SC
MAXLITE	SKEU324L/SC
PHILIPS ADVANCE	GOPA-2P32-SC
PHILIPS ADVANCE	ICN-1P32-N
PHILIPS ADVANCE	ICN-2M32-MC
PHILIPS ADVANCE	ICN-2P32-N
PHILIPS ADVANCE	ICN-3P32-N
PHILIPS ADVANCE	ICN-4P32-N
PHILIPS ADVANCE	IOP-2P32-HL-N
PHILIPS ADVANCE	IOP-3P32-N
PHILIPS ADVANCE	IOP-4P32-LW-N
PHILIPS ADVANCE	IOPA-1P32-HL-N
PHILIPS ADVANCE	IOPA-2P32-LW-N
PHILIPS ADVANCE	IOPA-2P32-N
PHILIPS ADVANCE	IOPA-3P32-N
PHILIPS ADVANCE	IOPA-4P32-LW-N
PHILIPS ADVANCE	REB-2P32-SC
PHILIPS ADVANCE	REL-2P32-SC
PREMIUM	BB-T8/UVH-2x32
STANDARD	E232T8IS120/H/90C
STANDARD	E232T8IS347/H/90C
STANDARD	E232T8IS347/L/BULK
STANDARD	E232T8IS347/N/BULK

MANUFACTURER	MODEL
STANDARD	E432T8IS120/H
STANDARD	E432T8IS120/L/AS/BULK
STANDARD	E432T8IS120/N/AS/BULK
STANDARD	E432T8IS347/L/BULK
STANDARD	E432T8IS347/N/BULK
STANDARD	EP232PI120L
STANDARD	EP232T8IS120/N/AS
SUNPARK	U-2/32IS
SUNPARK	U-2/32IS HBF
SUNPARK	U-2/32ISE
SUNPARK	U-2/32ISE HBF
SUNPARK	U-2/32ISE LBF
SUNPARK	U-3/32IS
SUNPARK	U-3/32IS HBF
SUNPARK	U-3/32ISE
SUNPARK	U-3/32ISE HBF
SUNPARK	U-3/32ISE LBF
SUNPARK	U-4/32IS
SUNPARK	U-4/32IS HBF
SUNPARK	U-4/32ISE
SUNPARK	U-4/32ISE LBF
SYLVANIA	QHE 2x32T8/UNV ISN-SC
SYLVANIA	QTP 4x32T8/UNV ISN-SC
UNIVERSAL TRIAD	B232IUNVHP-N
UNIVERSAL TRIAD	B232PUNVHE-B
UNIVERSAL TRIAD	B432IUNVHP-A

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