



illumination**Devices**

LE-T12 LED LIGHT ENGINE



ABOUT THE LE-T12 LED LIGHT ENGINE

The LE-T12 is part of a series of High-Power AC Light Engines that can greatly reduce system costs for many applications where high lumen output is required. Integrated power circuitry allows for connection directly to mains power (110-130V), eliminating the need for external LED drivers, reducing fixture size and complexity. A wide range of CCTs are available.

FEATURES

- Direct AC Connection
 - No External Power Supply Required
- 2000K to 5000K CCT
- Available in 90 CRI Minimum & Higher
- Small Size Reduces Fixture Cost
- Triac Compatible (dimming)
- On-Board Thermal Management Prevents Overheating
- HO (High Output) Models Offer 2x Lumen Output
- Designed to Meet Energy Star Requirements for Certification
- UL Recognized Component File No. E362275
- Conformal Coating Available

APPLICATIONS



DOWN LIGHT



CEILING MOUNT



POLE MOUNTED



WALL MOUNTED



BOLLARD



LANDSCAPE



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| illuminationdevices.com

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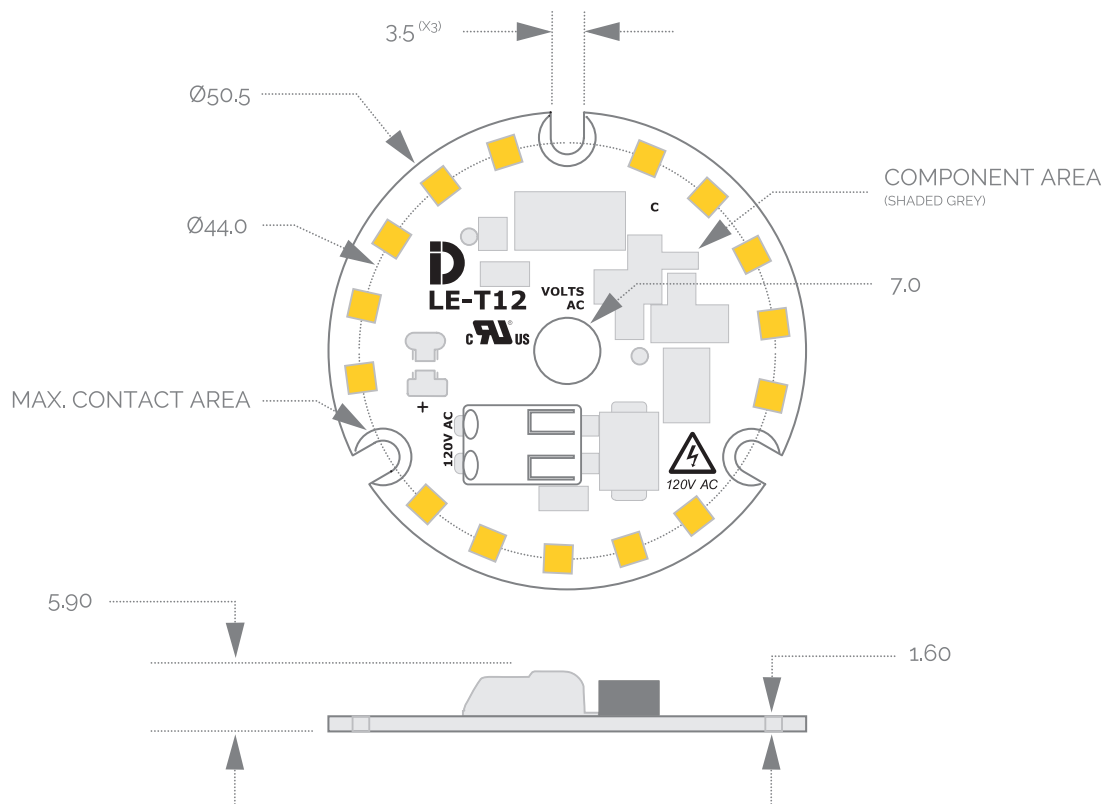
CHARACTERISTICS

PARAMETER	UNIT	MINIMUM	TYPICAL	MAXIMUM
INPUT VOLTAGE	VAC	90	120	135
POWER	W	-	12	15
LUMINOUS FLUX (@25°C TPCB) 5000K - R80	LM	1020	1100	1210
LUMINOUS FLUX (@25°C TPCB) 3000K - R80	LM	850	1000	1110
LUMENS PER WATT (@25°C TPCB) 5000K - R80	LM/W	-	92LM/W	100LM/W
CCT RANGE	*K	2000	-	5000

- All values typical unless otherwise stated. Lumen values are calculated using the typical values provided by the LED manufacturer's specifications for the stated operating conditions (tolerance +/- 10%).

PHYSICAL DIMENSIONS

 LED  COMPONENT AREA



* - Avoid Contact of Metal Part of Fastener Outside of the "MAX" area of the Printed Circuit Board.

ORDER CODES

CCT (°K)	CRI	FLUX (lm)	BINNING TYPE	ORDER CODE
6500	70 (MIN)	1190	1/4 ANSI	LE-oT12-65F-12
		1190	3-STEP MAE	LE-oT12-65S-12
	80 (MIN)	1005	1/4 ANSI	LE-oT12-65G-12
		1005	3-STEP MAE	LE-oT12-65V-12
	90 (MIN)	845	1/4 ANSI	LE-oT12-65H-12
		845	3-STEP MAE	LE-oT12-65Z-12
5700	70 (MIN)	1190	1/4 ANSI	LE-oT12-57F-12
		1190	3-STEP MAE	LE-oT12-57S-12
	80 (MIN)	1005	1/4 ANSI	LE-oT12-57G-12
		1005	3-STEP MAE	LE-oT12-57V-12
	90 (MIN)	845	1/4 ANSI	LE-oT12-57H-12
		845	3-STEP MAE	LE-oT12-57Z-12
5000	70 (MIN)	1190	1/4 ANSI	LE-oT12-50F-12
		1190	3-STEP MAE	LE-oT12-50S-12
	80 (MIN)	1005	1/4 ANSI	LE-oT12-50G-12
		1005	3-STEP MAE	LE-oT12-50V-12
	90 (MIN)	845	1/4 ANSI	LE-oT12-50H-12
		845	3-STEP MAE	LE-oT12-50Z-12
4500	70 (MIN)	1190	1/4 ANSI	LE-oT12-45F-12
		1190	3-STEP MAE	LE-oT12-45S-12
	80 (MIN)	1005	1/4 ANSI	LE-oT12-45G-12
		1005	3-STEP MAE	LE-oT12-45V-12
	90 (MIN)	845	1/4 ANSI	LE-oT12-45H-12
		845	3-STEP MAE	LE-oT12-45Z-12

ORDER CODES

CCT (°K)	CRI	FLUX (lm)	BINNING TYPE	ORDER CODE
4000	70 (MIN)	1190	1/4 ANSI	LE-0T12-40F-12
		1190	3-STEP MAE	LE-0T12-40S-12
	80 (MIN)	1005	1/4 ANSI	LE-0T12-40G-12
		1005	3-STEP MAE	LE-0T12-40V-12
	90 (MIN)	845	1/4 ANSI	LE-0T12-40H-12
		845	3-STEP MAE	LE-0T12-40Z-12
3500	70 (MIN)	1190	1/4 ANSI	LE-0T12-35F-12
		1190	3-STEP MAE	LE-0T12-35S-12
	80 (MIN)	1005	1/4 ANSI	LE-0T12-35G-12
		1005	3-STEP MAE	LE-0T12-35V-12
	90 (MIN)	845	1/4 ANSI	LE-0T12-35H-12
		845	3-STEP MAE	LE-0T12-35Z-12
3000	70 (MIN)	1190	1/4 ANSI	LE-0T12-30F-12
		1190	3-STEP MAE	LE-0T12-30S-12
	80 (MIN)	1005	1/4 ANSI	LE-0T12-30G-12
		1005	3-STEP MAE	LE-0T12-30V-12
	90 (MIN)	845	1/4 ANSI	LE-0T12-30H-12
		845	3-STEP MAE	LE-0T12-30Z-12
2700	70 (MIN)	1005	1/4 ANSI	LE-0T12-27F-12
		1005	3-STEP MAE	LE-0T12-27S-12
	80 (MIN)	845	1/4 ANSI	LE-0T12-27G-12
		845	3-STEP MAE	LE-0T12-27V-12
	90 (MIN)	710	1/4 ANSI	LE-0T12-27H-12
		710	3-STEP MAE	LE-0T12-27Z-12

ORDER CODES

CCT (°K)	CRI	FLUX (lm)	BINNING TYPE	ORDER CODE
2500	70 (MIN)	1005	1/4 ANSI	LE-XURC-25F-12
		1005	3-STEP MAE	LE-XURC-25S-12
	80 (MIN)	845	1/4 ANSI	LE-XURC-25G-12
		845	3-STEP MAE	LE-XURC-25V-12
	90 (MIN)	710	1/4 ANSI	LE-XURC-25H-12
		710	3-STEP MAE	LE-XURC-25Z-12
2200	70 (MIN)	1005	1/4 ANSI	LE-XURC-22F-12
		1005	3-STEP MAE	LE-XURC-22S-12
	80 (MIN)	845	1/4 ANSI	LE-XURC-22G-12
		845	3-STEP MAE	LE-XURC-22V-12
	90 (MIN)	710	1/4 ANSI	LE-XURC-22H-12
		710	3-STEP MAE	LE-XURC-22Z-12
2000	70 (MIN)	1005	1/4 ANSI	LE-XURC-20F-12
		1005	3-STEP MAE	LE-XURC-20S-12
	80 (MIN)	845	1/4 ANSI	LE-XURC-20G-12
		845	3-STEP MAE	LE-XURC-20V-12
	90 (MIN)	710	1/4 ANSI	LE-XURC-20H-12
		710	3-STEP MAE	LE-XURC-20Z-12