



illumination**Devices**

LE-XURC LED LIGHT ENGINE



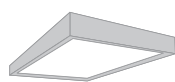
ABOUT THE LE-XURC LED LIGHT ENGINE

The LE-XURC is a 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.

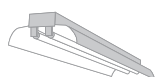
FEATURES

- 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

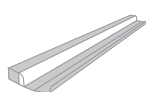
APPLICATIONS



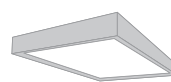
HIGH BAY



LINEAR FIXTURE



COVE LIGHT



TROFFER



UNDER CABINET



866.376.6170

illuminationdevices.com

310 HURRICANE LN. SUITE 3

WILLISTON, VT

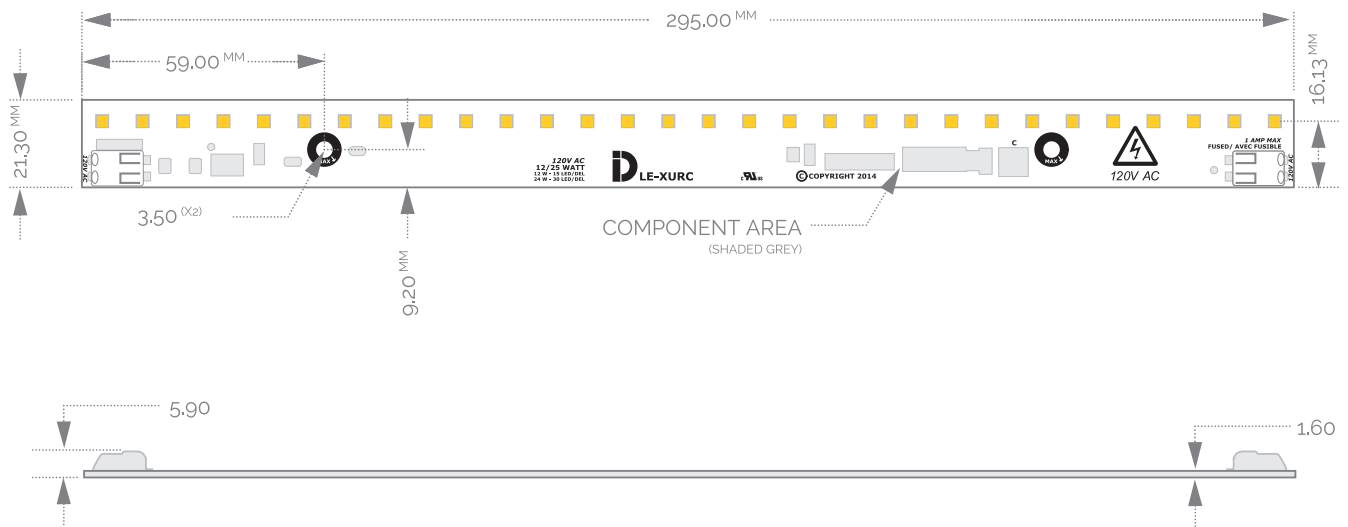
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CHARACTERISTICS

PARAMETER	UNIT	MINIMUM	TYPICAL	MAXIMUM
INPUT VOLTAGE	VAC	90	120	135
POWER (HO)	W	-	12 (24)	15 (30)
LUMINOUS FLUX (@25°C TPCB) 5000K - R80	LM	1020	1100	1210
LUMINOUS FLUX (@25°C TPCB) 3000K - R80	LM	850	1000	1110
LUMINOUS FLUX (@25°C TPCB) 5000K - R80 (HO)	LM	2040	2200	2420
LUMINOUS FLUX (@25°C TPCB) 3000K - R80 (HO)	LM	1700	2000	2220
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



* - 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-XURC-65F-12
		1190	3-STEP MAE	LE-XURC-65S-12
	80 (MIN)	1005	1/4 ANSI	LE-XURC-65G-12
		1005	3-STEP MAE	LE-XURC-65V-12
	90 (MIN)	845	1/4 ANSI	LE-XURC-65H-12
		845	3-STEP MAE	LE-XURC-65Z-12
5700	70 (MIN)	1190	1/4 ANSI	LE-XURC-57F-12
		1190	3-STEP MAE	LE-XURC-57S-12
	80 (MIN)	1005	1/4 ANSI	LE-XURC-57G-12
		1005	3-STEP MAE	LE-XURC-57V-12
	90 (MIN)	845	1/4 ANSI	LE-XURC-57H-12
		845	3-STEP MAE	LE-XURC-57Z-12
5000	70 (MIN)	1190	1/4 ANSI	LE-XURC-50F-12
		1190	3-STEP MAE	LE-XURC-50S-12
	80 (MIN)	1005	1/4 ANSI	LE-XURC-50G-12
		1005	3-STEP MAE	LE-XURC-50V-12
	90 (MIN)	845	1/4 ANSI	LE-XURC-50H-12
		845	3-STEP MAE	LE-XURC-50Z-12
4500	70 (MIN)	1190	1/4 ANSI	LE-XURC-45F-12
		1190	3-STEP MAE	LE-XURC-45S-12
	80 (MIN)	1005	1/4 ANSI	LE-XURC-45G-12
		1005	3-STEP MAE	LE-XURC-45V-12
	90 (MIN)	845	1/4 ANSI	LE-XURC-45H-12
		845	3-STEP MAE	LE-XURC-45Z-12

ORDER CODES

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