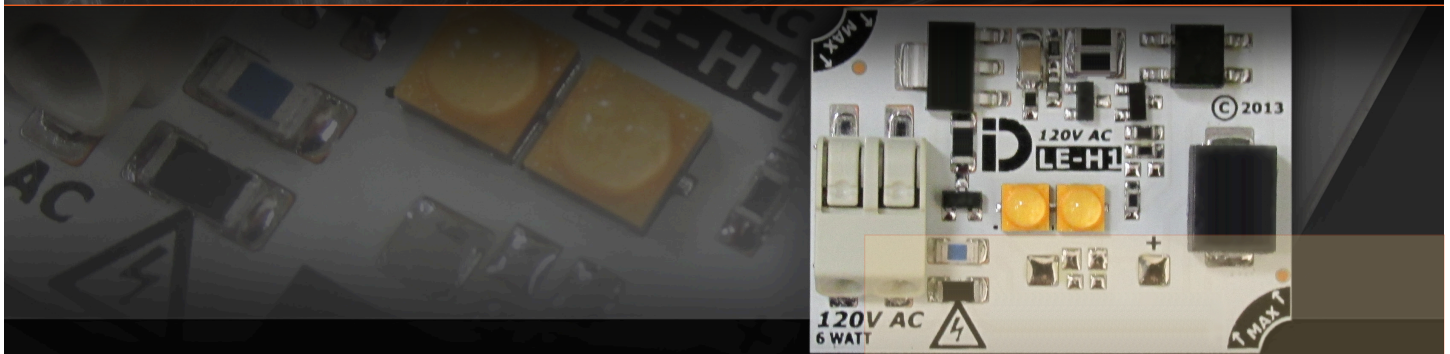




illumination**Devices**

LE-H1 LED LIGHT ENGINE



ABOUT THE LE-H1 LED LIGHT ENGINE

The LE-H1 is part of a series of miniature AC Light Engines that can greatly reduce system costs for many applications where a low level of light 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
- 2200K to 6500K CCT
- Available in 80 CRI Minimum
- Small Size Reduces Fixture Cost
- Triac Compatible (dimming)
- On-Board Thermal Management Prevents Overheating
- Designed to meet Energy Star Requirements for certification
- UL Recognized Component File No. E362275
- Conformal Coating Available

APPLICATIONS



STEP LIGHT



PATH LIGHT



UNDER CABINET



WALL SCONCE



POLE MOUNTED



WALL MOUNTED



USA TEL: •1.866.376.6170

| illuminationdevices.com

| 310 HURRICANE LN. SUITE 3

| WILLISTON, VT

| 05495

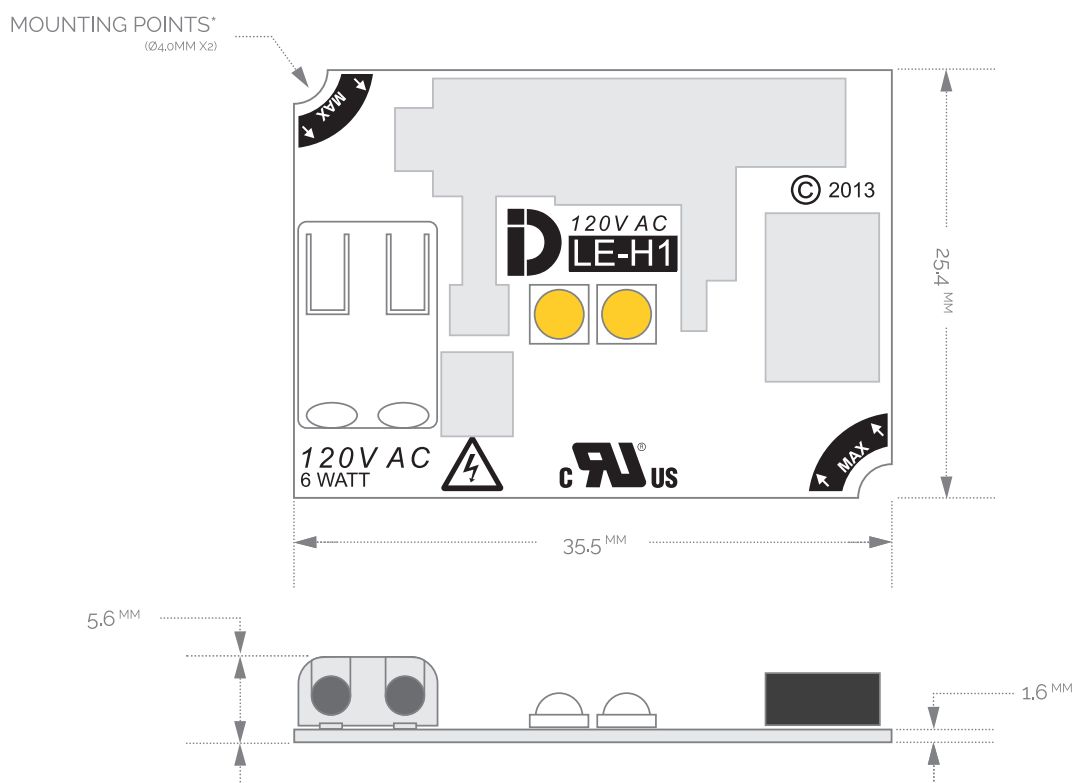
CHARACTERISTICS

PARAMETER	UNIT	MINIMUM	TYPICAL	MAXIMUM
INPUT VOLTAGE	VAC	90	120	135
POWER	W	-	6	8
LUMINOUS FLUX (@25°C TPCB) 5000K - R75	LM	425	450	475
LUMINOUS FLUX (@25°C TPCB) 3000K - R80	LM	250	270	290
LUMENS PER WATT (@25°C TPCB) 5000K - R80	LM/W	-	75LM/W	80LM/W
CCT RANGE	*K	2200	-	6500

- 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	-	435	ANSI	LE-00H1-650-06
6200	-	435	ANSI	LE-00H1-620-06
6000	-	435	ANSI	LE-00H1-600-06
5700	-	435	ANSI	LE-00H1-570-06
5000	75 (TYP)	385	ANSI	LE-00H1-50L-06
4750	75 (TYP)	385	ANSI	LE-00H1-47L-06
4500	75 (TYP)	385	ANSI	LE-00H1-45L-06
4250	75 (TYP)	340	ANSI	LE-00H1-42L-06
	80 (MIN)	320	ANSI	LE-00H1-42G-06
4000	75 (TYP)	340	ANSI	LE-00H1-40L-06
	80 (MIN)	320	ANSI	LE-00H1-40G-06
3750	82 (TYP)	340	ANSI	LE-00H1-37M-06
	80 (MIN)	320	ANSI	LE-00H1-37G-06
3500	82 (TYP)	340	ANSI	LE-00H1-35M-06
	80 (MIN)	320	ANSI	LE-00H1-35G-06
3250	82 (TYP)	320	ANSI	LE-00H1-32M-06
	80 (MIN)	320	ANSI	LE-00H1-32G-06

ORDER CODES

CCT (°K)	CRI	FLUX (lm)	BINNING TYPE	ORDER CODE
3000	82 (TYP)	320	ANSI	LE-00H1-30M-06
	80 (MIN)	320	ANSI	LE-00H1-30G-06
2850	82 (TYP)	295	ANSI	LE-00H1-28M-06
	80 (MIN)	295	ANSI	LE-00H1-28G-06
2700	82 (TYP)	295	ANSI	LE-00H1-27M-06
	80 (MIN)	295	ANSI	LE-00H1-27G-06
2450	80 (MIN)	225	ANSI	LE-00H1-24G-06
2200	80 (MIN)	210	ANSI	LE-00H1-20G-06