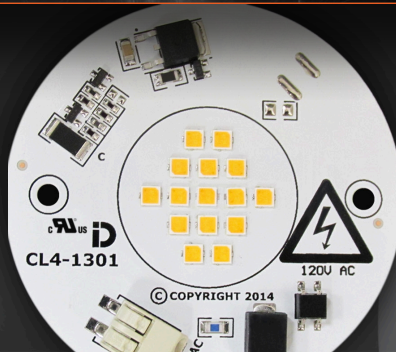




illumination**Devices**

CL4-1301 LED LIGHT ENGINE



ABOUT THE CL4-1301 LED LIGHT ENGINE

The CL4-1301 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
- Designed to Meet Energy Star
Requirements for Certification
- UL Recognized Component File No. E362275
- Conformal Coating Available

APPLICATIONS



DOWN LIGHT



CEILING MOUNT



HIGH BAY



POLE MOUNTED



WALL MOUNTED



BOLLARD



LANDSCAPE



USA TEL: +1.866.376.6170

| illuminationdevices.com

| 310 HURRICANE LN. SUITE 3

| WILLISTON, VT

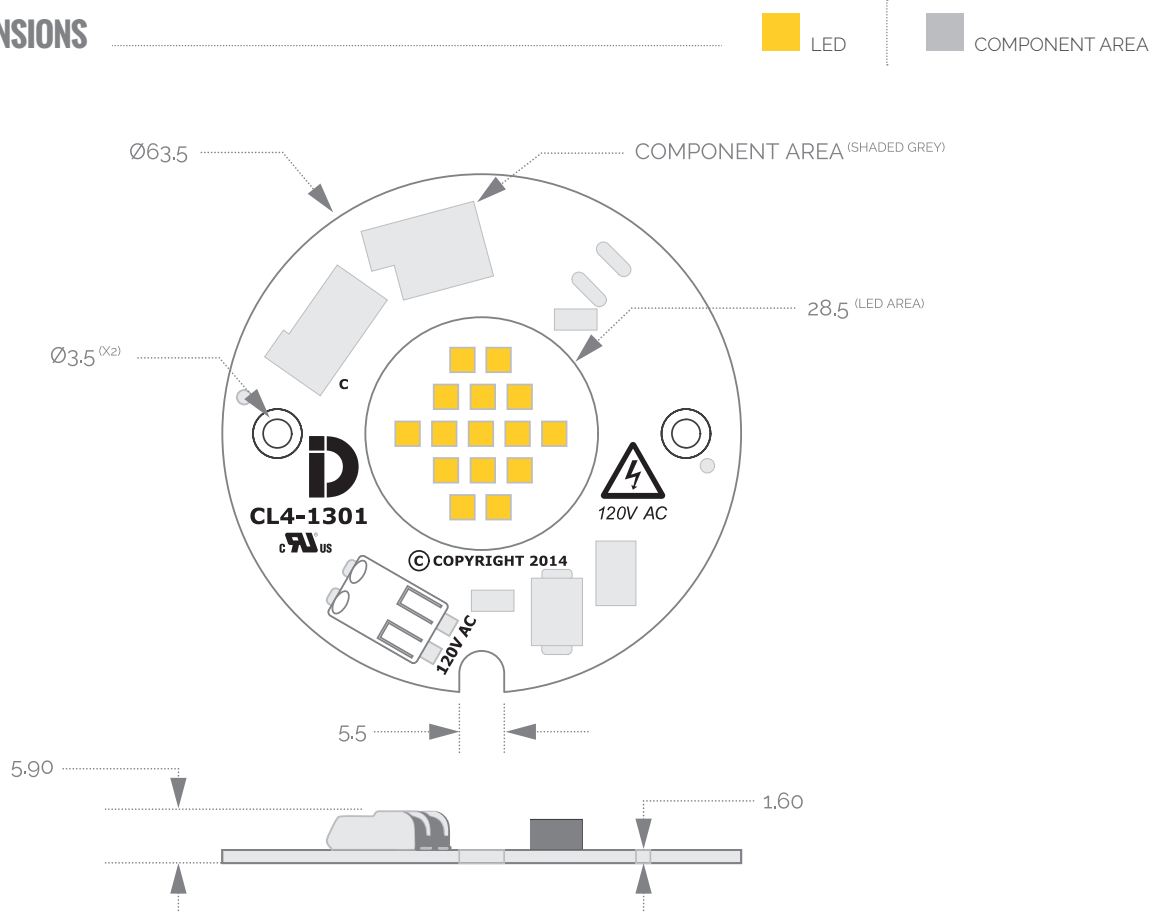
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CHARACTERISTICS

PARAMETER	UNIT	MINIMUM	TYPICAL	MAXIMUM
INPUT VOLTAGE	VAC	90	120	135
POWER	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



* - 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	CL4-1301-65F-12
		1190	3-STEP MAE	CL4-1301-65S-12
	80 (MIN)	1005	1/4 ANSI	CL4-1301-65G-12
		1005	3-STEP MAE	CL4-1301-65V-12
	90 (MIN)	845	1/4 ANSI	CL4-1301-65H-12
		845	3-STEP MAE	CL4-1301-65Z-12
5700	70 (MIN)	1190	1/4 ANSI	CL4-1301-57F-12
		1190	3-STEP MAE	CL4-1301-57S-12
	80 (MIN)	1005	1/4 ANSI	CL4-1301-57G-12
		1005	3-STEP MAE	CL4-1301-57V-12
	90 (MIN)	845	1/4 ANSI	CL4-1301-57H-12
		845	3-STEP MAE	CL4-1301-57Z-12
5000	70 (MIN)	1190	1/4 ANSI	CL4-1301-50F-12
		1190	3-STEP MAE	CL4-1301-50S-12
	80 (MIN)	1005	1/4 ANSI	CL4-1301-50G-12
		1005	3-STEP MAE	CL4-1301-50V-12
	90 (MIN)	845	1/4 ANSI	CL4-1301-50H-12
		845	3-STEP MAE	CL4-1301-50Z-12
4500	70 (MIN)	1190	1/4 ANSI	CL4-1301-45F-12
		1190	3-STEP MAE	CL4-1301-45S-12
	80 (MIN)	1005	1/4 ANSI	CL4-1301-45G-12
		1005	3-STEP MAE	CL4-1301-45V-12
	90 (MIN)	845	1/4 ANSI	CL4-1301-45H-12
		845	3-STEP MAE	CL4-1301-45Z-12

ORDER CODES

CCT (°K)	CRI	FLUX (lm)	BINNING TYPE	ORDER CODE
4000	70 (MIN)	1190	1/4 ANSI	CL4-1301-40F-12
		1190	3-STEP MAE	CL4-1301-40S-12
	80 (MIN)	1005	1/4 ANSI	CL4-1301-40G-12
		1005	3-STEP MAE	CL4-1301-40V-12
	90 (MIN)	845	1/4 ANSI	CL4-1301-40H-12
		845	3-STEP MAE	CL4-1301-40Z-12
3500	70 (MIN)	1190	1/4 ANSI	CL4-1301-35F-12
		1190	3-STEP MAE	CL4-1301-35S-12
	80 (MIN)	1005	1/4 ANSI	CL4-1301-35G-12
		1005	3-STEP MAE	CL4-1301-35V-12
	90 (MIN)	845	1/4 ANSI	CL4-1301-35H-12
		845	3-STEP MAE	CL4-1301-35Z-12
3000	70 (MIN)	1190	1/4 ANSI	CL4-1301-30F-12
		1190	3-STEP MAE	CL4-1301-30S-12
	80 (MIN)	1005	1/4 ANSI	CL4-1301-30G-12
		1005	3-STEP MAE	CL4-1301-30V-12
	90 (MIN)	845	1/4 ANSI	CL4-1301-30H-12
		845	3-STEP MAE	CL4-1301-30Z-12
2700	70 (MIN)	1005	1/4 ANSI	CL4-1301-27F-12
		1005	3-STEP MAE	CL4-1301-27S-12
	80 (MIN)	845	1/4 ANSI	CL4-1301-27G-12
		845	3-STEP MAE	CL4-1301-27V-12
	90 (MIN)	710	1/4 ANSI	CL4-1301-27H-12
		710	3-STEP MAE	CL4-1301-27Z-12

ORDER CODES

CCT (°K)	CRI	FLUX (lm)	BINNING TYPE	ORDER CODE
2500	70 (MIN)	1005	1/4 ANSI	CL4-1301-25F-12
		1005	3-STEP MAE	CL4-1301-25S-12
	80 (MIN)	845	1/4 ANSI	CL4-1301-25G-12
		845	3-STEP MAE	CL4-1301-25V-12
	90 (MIN)	710	1/4 ANSI	CL4-1301-25H-12
		710	3-STEP MAE	CL4-1301-25Z-12
2200	70 (MIN)	1005	1/4 ANSI	CL4-1301-22F-12
		1005	3-STEP MAE	CL4-1301-22S-12
	80 (MIN)	845	1/4 ANSI	CL4-1301-22G-12
		845	3-STEP MAE	CL4-1301-22V-12
	90 (MIN)	710	1/4 ANSI	CL4-1301-22H-12
		710	3-STEP MAE	CL4-1301-22Z-12
2000	70 (MIN)	1005	1/4 ANSI	CL4-1301-20F-12
		1005	3-STEP MAE	CL4-1301-20S-12
	80 (MIN)	845	1/4 ANSI	CL4-1301-20G-12
		845	3-STEP MAE	CL4-1301-20V-12
	90 (MIN)	710	1/4 ANSI	CL4-1301-20H-12
		710	3-STEP MAE	CL4-1301-20Z-12