

LED



FEATURES

- Narrow Distribution Industrial
- Long life 50,000 hour LEDs at L80 for reduced maintenance
- Choice of four LED color temperatures
- Choice of four lumen packages per size
- Available in 2', 4' or 8' lengths
- Optional integral emergency battery pack
- Heavy die-formed steel channel
- Fully assembled fixture for quick installation
- LED boards and driver accessible for future maintenance or upgrades
- Modular replaceable LED components
- Surface mount or suspended
- Five year warranty

PROJECT INFORMATION

Project Name

Type

Catalog No.

Date

CONSTRUCTION

Housing, wireway, and ends are formed from code-gauge steel. Housing components act as heat sink for LED heat dissipation. Knockouts are provided for electrical access and mounting.

REFLECTOR

Multi-faceted specular aluminum reflector for aisle lighting and areas where narrow lighting beam spread is desired.

FINISH

White painted parts are treated with a five-stage phosphate bonding process and finished with high reflectance baked enamel. For a post-painted housing finish select PAF option.

ELECTRICAL

Long-life LEDs are rated for 50,000 hours at L80 lumen maintenance. Driver options include fixed output for on/off function, step dimming (high/low/off) or continuous 0-10V dimming.

CERTIFICATION

All luminaires are built to UL 1598 and 2108 standards, and bear appropriate CSA c/US labels. Damp location labeling is standard. Emergency equipped fixtures labeled UL924. Adheres to LM70, LM80, and TM21 industry standards.

WARRANTY

Five year warranty (Terms and Conditions apply).

ORDERING INFORMATION

EXAMPLE LCR4-35HL-EU

LCR	SIZE	COLOR TEMP	LUMEN OUTPUT	DRIVER	VOLTAGE	OPTIONS
LCR LED Open	2 2' ¹	30 3000K	LW Low Watt	E Fixed Output	U 120V-277V	ELL14 Emergency Battery Pack, 1400 Lumens ^{2,3}
	4 4'	35 3500K	ML Medium Lumen	ESD Step Dimming	347 347V (E,ED,ED1 only)	GLR Fast Blow Fuse
	8 8'	40 4000K	HL High Lumen	ED 0-10V Dimming	480 480V ⁴	PAF Paint After Fabrication
		50 5000K	VL Very High Lumen	ED1 0-10V 1% Dimming		

See Product Availability Table below.

LUTH Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology

LUT5 5-Series EcoSystem LED driver

ACCESSORIES (ORDER SEPARATELY)

S18	18" Stem, Canopy
SS18	18" Swivel Stem—45° Swivel
CSHC	Chain Hanger Assembly
LCLWG4	4' Wire Guard, 2 Required for 8' Fixture

PRODUCT AVAILABILITY

SIZE	LUMEN PACKAGE	NOMINAL LUMENS (4000K)	NOMINAL WATTS	EFFICACY
2'	ML	2,750	25	110
4'	LW	2,700	25	108
	ML	5,500	48	114
	HL	6,600	56	118
	VL	10,900	97	112
8'	LW	5,500	48	114
	ML	10,900	97	112
	HL	13,300	112	118
	VL	21,800	194	112

Lumens vary according to color temperatures and other factors. See specific photometric test(s).

¹ Only available in ML lumen output.

² For compatibility with Dual-Lite LiteGear® inverters in lieu of installed battery pack, contact Hubbell Lighting representative.

³ Not available in 2' size.

⁴ Consult factory for LW lumen package.

PHOTOMETRIC DATA

LUMINAIRE DATA

Luminaire	LCR4-40HL-ED LCR Led Narrow Distribution, Industrial 48" x 4 3/16" x 2 3/4" LED with specular reflectors
Ballast	D15CC55UNVTC
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	6593
Watts	54.90
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.29 90° = 1.25
Luminous Opening in Feet	Length: 3.67 Width: 0.38 Height: 0.00

ZONAL LUMEN SUMMARY

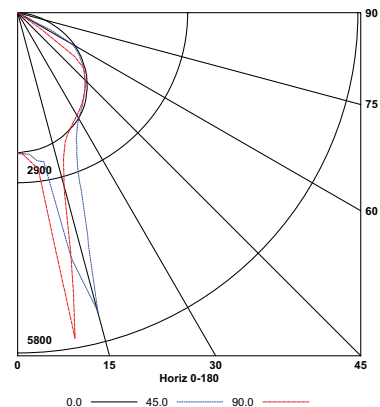
Zone	Lumens	Lamp	Fixt.
0-30	2445	37.1	37.1
0-40	3753	56.9	56.9
0-60	6014	91.2	91.2
0-90	6593	100.0	100.0
0-180	6593	100.0	100.0

ENERGY DATA

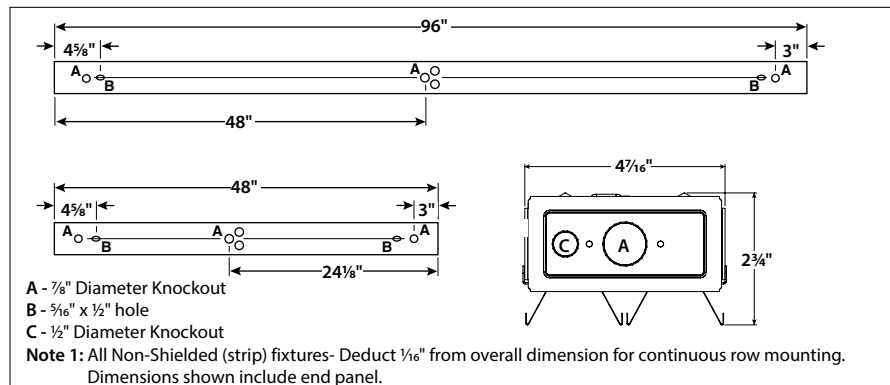
Total Luminaire Efficiency	100.0
Total Lumens per Watt	120
ANSI/IESNA RP-1-2004 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.00 based on 3000 hrs. and \$0.08 per KWH

Test ITL15382 Test Date 7/14/14

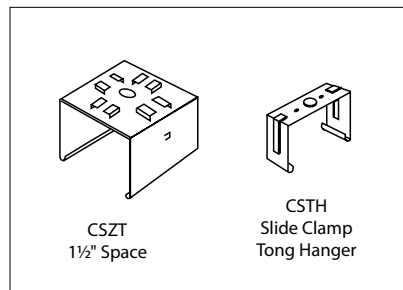
INDOOR CANDELA PLOT



DIMENSIONAL DATA



MOUNTING ACCESSORIES



NOTE: All dimensions are in inches; dimensions and specifications are subject to change without notice. Please consult factory or check sample for verification.