

LED



FEATURES

- LED technology in a lensed striplight
- Long life 50,000 hour LEDs at L80 for reduced maintenance
- Up to 110 lumens per watt
- Choice of four LED color temperatures
- Superior color consistency within a 3-step MacAdam ellipse and greater than 80 CRI
- Choice of four lumen packages per size
- Available in 2', 4' or 8' lengths
- Optional integral emergency battery pack
- Heavy die-formed steel channel with 100% acrylic formed diffuser
- Fully assembled fixture for quick installation
- LED boards and driver accessible for future maintenance or upgrades
- Modular replaceable LED components
- Surface mount, wall mount or suspended
- Maximum temperature 35°C on all lumen packages up to HL
- DesignLights Consortium® (DLC) qualified
- 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. Shielded with 100% frosted prismatic acrylic lens.

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. DesignLights Consortium® (DLC) qualified. Please refer to the DLC website for specific product qualifications at www.designlights.org.

WARRANTY

Five year warranty (Terms and Conditions apply).

ORDERING INFORMATION

EXAMPLE LCL4-40HL-EU

LCL	SIZE	COLOR TEMP	LUMEN OUTPUT	DRIVER	VOLTAGE	OPTIONS
MODEL	SIZE	COLOR TEMP	LUMEN OUTPUT	DRIVER	VOLTAGE	OPTIONS
LCL LED Striplight	2 2'	30 3000K	LW Low Watt	E Fixed Output	U 120V-277V	ELL14 Emergency Battery Pack, 1400 Lumens ^{1,2,3}
	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		PAF Paint After Fabrication
		50 5000K	VL Very High Lumen	ED1 0-10V 1% Dimming		NYC NYC Compliant
			See Product Availability Table below.	LUTH Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology ³		
				LUT5 5-Series EcoSystem LED driver ³		
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	2,500	25	100		
4'	LW	2,500	25	100		
	ML	5,000	48	104		
	HL	6,100	55	110		
	VL	10,100	96	105		
8'	LW	5,000	48	104		
	ML	10,100	96	105		
	HL	12,200	111	110		
	VL	20,100	193	104		

¹ For compatibility with Dual-Lite LiteGear™ inverters in lieu of installed battery pack, contact Hubbell Lighting representative.

² Not available in 2 ft size.

³ Not available in VL packages.

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

PHOTOMETRIC DATA

LUMINAIRE DATA

Luminaire	LCL4-40HL-ED LCL Led Lensed Utility Channel, Industrial 48" x 4½" x 3⅜" LED with acrylic formed lens
Ballast	D15CC55UNVTC
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	6078
Watts	54.70
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.24 90° = 1.28
Luminous Opening in Feet	Length: 4.00 Width: 0.40 Height: 0.00

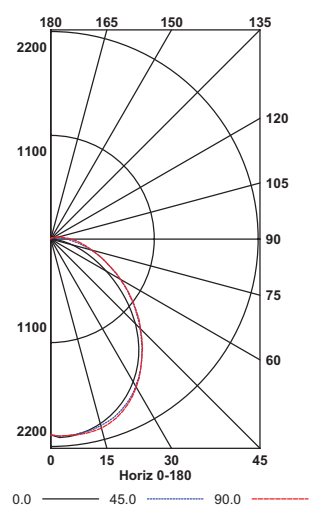
ZONAL LUMEN SUMMARY

Zone	Lumens	Lamp	Fixt.
0-30	1649	27.1	27.1
0-40	2679	44.1	44.1
0-60	4574	75.2	75.2
0-90	5860	96.4	96.4
0-180	6078	100.0	100.0

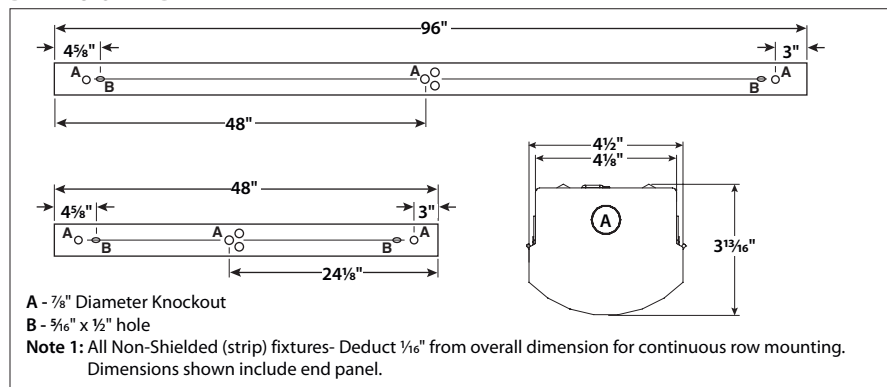
ENERGY DATA

Total Luminaire Efficiency	100.0
Total Lumens per Watt	111
ANSI/IESNA RP-1-2004 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.16 based on 3000 hrs. and \$0.08 per KWH

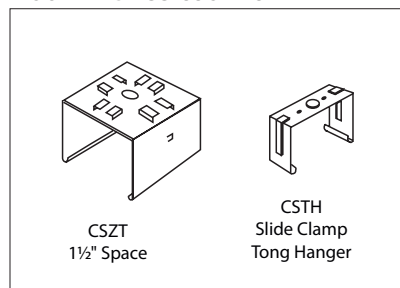
INDOOR CANDELA PLOT



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.