

**LED**



create**change**



**FEATURES**

- LED Open Striplight
- Long life 60,000 hour LEDs at L80 for reduced maintenance
- Four LED color choices and 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
- LED boards and driver accessible for future maintenance or upgrades
- Modular replaceable LED components
- Surface mount or suspended
- For narrow lens LED striplight use LCL
- For industrial narrow distribution LED use LCR
- Maximum temperature 35°C on all lumen packages up to HL
- DesignLights Consortium® (DLC) qualified
- Five year warranty
- Maximum temperature 35 (degree) C on all lumen packages up to HL

**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.

**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](http://www.designlights.org).

**WARRANTY**

Five year warranty (Terms and Conditions apply).

**ORDERING INFORMATION**

**EXAMPLE LCS4-40HL-EU**

LCS						
MODEL	SIZE	COLOR TEMP	LUMEN OUTPUT	DRIVER	VOLTAGE	OPTIONS
LCS LED Striplight	2 2'	30 3000K	LW Low Watt	E Fixed Output	U 120V-277V	ELL14 Emergency Battery Pack, 1400 Lumens <sup>1,2,3</sup>
	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
				LUTH Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology <sup>3</sup>		
				LUT5 5-Series EcoSystem LED driver <sup>3</sup>		

ACCESSORIES (ORDER SEPARATELY)	
CSWG4	4' Wire Guard, 2 Required for 8' Fixture
S18	18" Stem, Canopy
SS18	18" Swivel Stem—45° Swivel
CSHC	Chain Hanger Assembly

PRODUCT AVAILABILITY				
SIZE	LUMEN PACKAGE	NOMINAL LUMENS (4000K)	NOMINAL WATTS	EFFICACY
2'	ML	3,000	26	116
4'	LW	2,800	23	122
	ML	5,600	48	117
	HL	6,800	55	124
	VL	11,200	105	107
8'	LW	5,600	48	118
	ML	11,200	105	107
	HL	13,600	110	123
	VL	22,400	210	107

<sup>1</sup> Not available in 2' size.

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

<sup>3</sup>Not available in VL package

Actual lumens will vary according to color temperature and other factors. For exact lumens and watts see specific photometric test(s).

Test ITL9111 Test Date 6/6/14

### LUMINAIRE DATA

Luminaire	LCS2-40ML LCS Led Straight Sided Utility Channel, Striplight 4 <sup>7</sup> / <sub>16</sub> x 24" LED striplight
Ballast	D10CC55UNVTC
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	2977
Watts	25.70
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.27 90° = 1.28
Luminous Opening in Feet	Length: 1.83 Width: 0.25 Height: 0.00

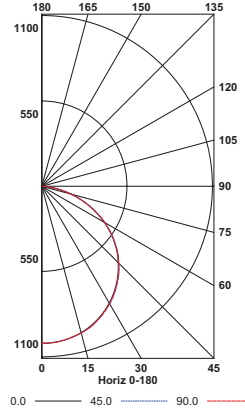
### ZONAL LUMEN SUMMARY

Zone	Lumens	Lamp	Fixt.
0-30	795	26.7	26.7
0-40	1310	44.0	44.0
0-60	2345	78.8	78.8
0-90	2976	100.0	100.0
0-180	2977	100.0	100.0

### ENERGY DATA

Total Luminaire Efficiency	100.0
Total Lumens per Watt	116
ANSI/IESNA RP-1-2004 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.11 based on 3000 hrs. and \$0.08 per KWH

### INDOOR CANDELA PLOT



Test ITL15385 Test Date 7/18/14

### LUMINAIRE DATA

Luminaire	LCS4-40ML LCS Led Straight Sided Utility Channel, Striplight 4 <sup>7</sup> / <sub>16</sub> x 48" LED striplight
Ballast	D15CC55UNVTC
Ballast Factor	1.00
Lamp	LED
Fixture Lumens	5646
Watts	47.80
Shielding Angle	0° = 90 90° = 90
Spacing Criterion	0° = 1.32 90° = 1.29
Luminous Opening in Feet	Length: 3.83 Width: 0.27 Height: 0.00

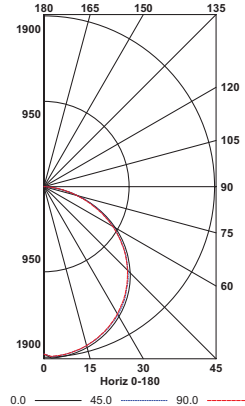
### ZONAL LUMEN SUMMARY

Zone	Lumens	Lamp	Fixt.
0-30	1488	26.4	26.4
0-40	2459	43.5	43.5
0-60	4419	78.3	78.3
0-90	5645	100.0	100.0
0-180	5646	100.0	100.0

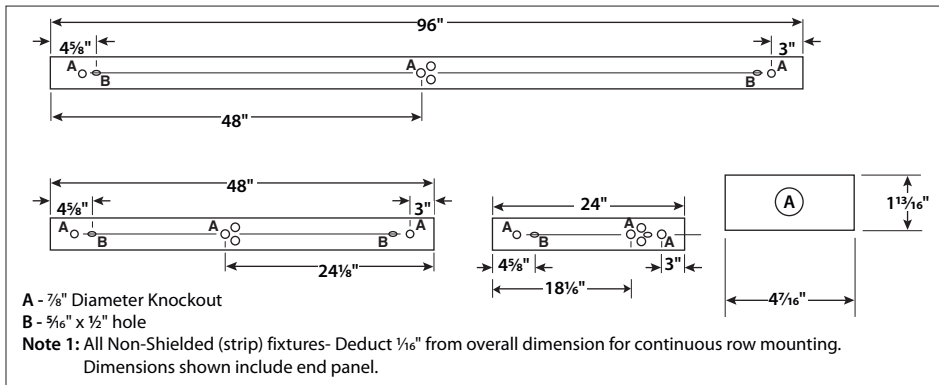
### ENERGY DATA

Total Luminaire Efficiency	100.0
Total Lumens per Watt	118
ANSI/IESNA RP-1-2004 Compliance	Noncompliant
Comparative Yearly Lighting Energy Cost per 1000 Lumens	\$2.03 based on 3000 hrs. and \$0.08 per KWH

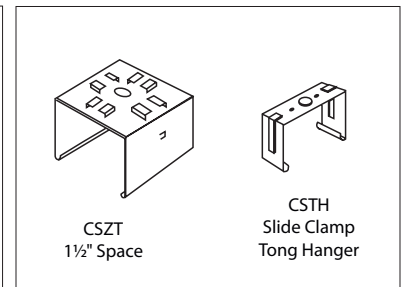
### INDOOR CANDELA PLOT



### 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.

### ACCESSORIES

