

CurviLine (CV) Shown

CATALOG #: \_\_\_\_\_

Type: \_\_\_\_\_

PROJECT: \_\_\_\_\_

**FEATURES**

- Tunable color, including white tuning, from 1650K to 8000K, minimum of 90 CRI
- Architecturally styled cove creates a comfortable, low glare environment without cluttering the ceiling surface
- Quality workmanship and attention to detail encompasses this small scale indirect luminaire designed to perform well in spaces with low to moderate ceiling heights
- Common applications include smaller offices, corridors, healthcare facilities and areas where it is important to avoid typical glare
- Heavy-duty hook-on mounting brackets make it easy to securely install and level fixtures
- Joiner and alignment system permit mounting in continuous rows with hairline seams that virtually disappear
- Optional anti-microbial white finish available for use in healthcare applications
- Made Right Here® in the USA

**ORDERING EXAMPLE: SMC CL - 4 - L40/9TC - F / F - OPTIONS - DALI - 120**

**ORDERING INFO**

SERIES	STYLE	LENGTH	LUMENS <sup>[1]</sup>	COLOR	FIXTURE TYPE
SMC	CL Classic	4 4'	4'	9TC Tunable color (90 CRI, 1650K-8000K)	F Electrical feeder unit <sup>[2]</sup>
	CV CurviLine	8 8'	P40 4,000lm 8' P80 8,000lm		J Joiner unit <sup>[3]</sup> E End unit <sup>[4]</sup> S Stand-alone unit <sup>[5]</sup>

END CAP STYLE	OPTIONS <sup>[6]</sup>	CONTROL <sup>[7]</sup>	VOLTAGE
F Flat ends	GLR Fuse, fast blow <sup>[9]</sup>	DALI Driver prewired for DALI applications	120 120V 277 277V
M Mitered ends <sup>[8]</sup>	AMW Anti-microbial white finish	DIM (1) 0-10V signal to control dimming; (1) 0-10V signal to control either CCT or select up to five preset colors	
		DMX Driver prewired for DMX applications	
		LUT Lutron Ecosystem enabled <sup>[10]</sup>	
		WS Wattstopper DLM enabled <sup>[11]</sup>	

**SPECIFICATIONS**

- HOUSING/REFLECTOR – Seam-welded extruded aluminum.
- WEIGHT – 5 lbs. per foot
- END CAPS – Aluminum, welded, seam-filled and finished at ends of individual units and rows.
- REFLECTIVE SURFACES – 92% minimum average reflective white polyester powder coat on interior steel components.
- SHIELDING – Frosted acrylic, .125" thick.
- FINISH – Textured matte white polyester TGIC powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- ELECTRICAL – Five color, mid-power ERP-Lumenetix araya5 LED modules and contols. On board thermal and optical feedback ensure color consistency of <2 step MacAdam ellipse (SDCM) and reported L70>50,000 hours. In-line spectral capture and storage results in consistent CRI and CCT across all arrays.
- MOUNTING – Wall mount, individual units or continuous rows.
- LISTINGS –
  - cCSAus certified as luminaire suitable for dry or damp locations
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

**SYSTEM REQUIREMENTS**

- Fixtures are shipped with factory default settings, iOS mobile app required for proper commissioning
- For additional info, see APPLICATION NOTES at [erp-power.com/design-resources/technical-documentation](http://erp-power.com/design-resources/technical-documentation)

**NOTES**

- <sup>1</sup> Lumen output based on 4000 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- <sup>2</sup> Quick-connect wiring harness, left end cap installed.
- <sup>3</sup> Quick-connect wiring harness, no end caps.
- <sup>4</sup> Quick-connect wiring harness, right end cap installed.
- <sup>5</sup> Two end caps installed.
- <sup>6</sup> See page 3 for FINISH OPTIONS.
- <sup>7</sup> See page 3 for CONTROL DETAILS.
- <sup>8</sup> Increases overall length. See page 2 for FIXTURE DETAILS.
- <sup>9</sup> Specify voltage, 1 per driver.
- <sup>10</sup> CCT control only.
- <sup>11</sup> CCT control only.

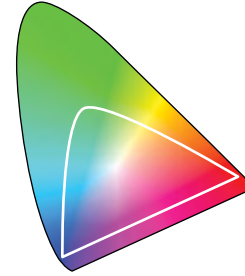


## FIXTURE PERFORMANCE DATA

	COLOR	DELIVERED LUMENS	POWER (W)	EFFICACY (lm/W)
4'	4000	4157	55.8	75.0
	Red	637	15.0	41.9
	Blue	386	25.0	15.8
	Green	3098	30.3	102.3
8'	4000	8315	111.6	74.5
	Red	1273	30.4	41.9
	Green	6197	60.6	102.3

## MULTIPLIER TABLE

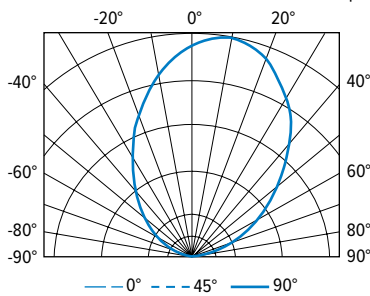
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
2000K	0.58	0.58
2700K	0.85	0.83
3000K	0.96	0.94
3500K	0.98	0.97
4000K	1.00	1.00
5000K	0.99	0.99
6000K	0.99	0.99
8000K	0.99	0.99



- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 90 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

## PHOTOMETRY

SMCCL-4-L40/9TC-DALI Total Luminaire Output: 4157 lumens; 55.8 Watts | Efficacy: 75 lm/W | 90 CRI; 4000K CCT

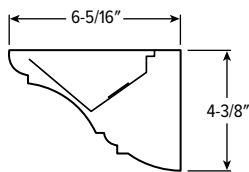


VERTICAL ANGLE	HORIZONTAL ANGLE						ZONAL LUMENS
	0°	45°	90°	135°	180°		
90	4	5	15	5	6		
95	81	93	102	74	64	93	
105	278	280	252	189	164	253	
115	518	513	449	334	286	424	
125	810	796	695	520	451	593	
135	1146	1118	963	739	657	719	
145	1470	1421	1244	1001	899	757	
155	1711	1666	1487	1263	1170	675	
165	1879	1822	1676	1534	1472	471	
175	1880	1846	1800	1720	1725	170	
180	1815	1815	1815	1815	1815		

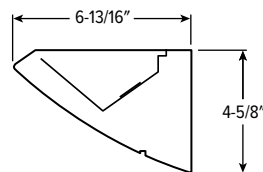
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	770	19
	90 - 150	2839	68
	90 - 180	4155	100
	0 - 180	4157	100

## CROSS SECTIONS

### CLASSICLINE (CL)

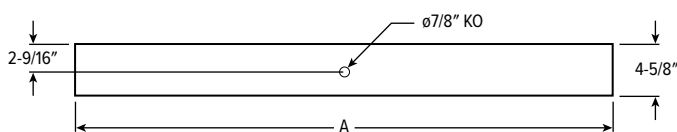


### CURVILINE (CV)



## FIXTURE DETAILS

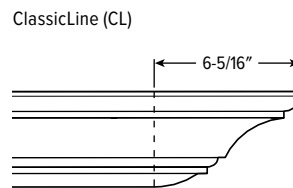
### BACKVIEW



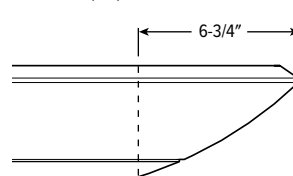
NOMINAL LENGTH	ACTUAL LENGTH (A)
4'	44-7/8"
8'	89-1/8"

Note: Mitered ends add to overall length, see details at right.

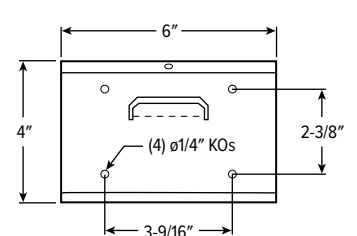
### MITERED END DETAILS



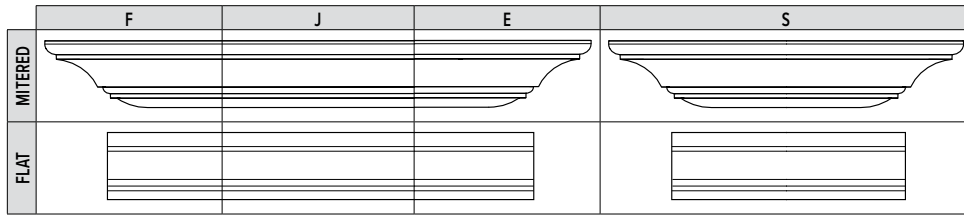
### CurviLine (CV)



### WALL MOUNT BRACKET



## FIXTURE TYPE DETAILS



## CONTROL DETAILS

### DIM



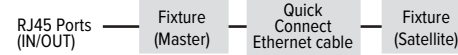
### WATTSTOPPER DLM



### DALI



### DMX



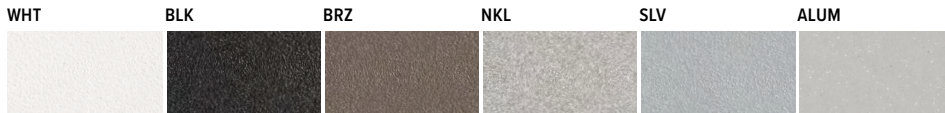
### LUTRON ECOSYSTEM



PROTOCOL	(1) DIMMING <sup>[1]</sup>	(2) CCT	(3) SATURATION <sup>[2]</sup>	(4) HUE <sup>[2]</sup>
0-10V DIM <sup>[4]</sup>	1%	1650 - 8000K		
DALI TYPE 8	0.1%	–	–	–
LUTRON ECOSYSTEM <sup>[3]</sup>	0.1%	1650 - 8000K	–	–
WATTSTOPPER DLM <sup>[3]</sup>	0.1%	1650 - 8000K	–	–
DMX512-A-RDM <sup>[3]</sup>	0.1%	1650 - 8000K	1 - 100%	1 - 60°

- <sup>1</sup> 100 – 0.1% dimming is available when connected to 0.1% dimming capable digital controls. 100 – 1% dimming is available with analog 0 – 10V control.
- <sup>2</sup> Two 0 – 10V lines can be used to control DIM and CCT independently, or program Scenes – in any combination of DIM, CCT, HUE and SAT – and recall them with five 0 - 10V presets.
- <sup>3</sup> May be limited to 1% dimming by controller; see control system specification for details.
- <sup>4</sup> 1 – 10V signal dims module to approximately 1%. In-line power relay required to achieve 0% output.

## FINISH OPTIONS



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.