

COLOURLINE COVE

Type:

Fixture:

Project:

Approved:



The Ultimate Solution for Smooth Interior Color Changing

COURLINE COVE uses Solid State Luminaires **COLOURMODE** technology for its digital dual mode functionality, bringing color changing and tunable white together in one firmware. **CLCV** provides a 110 degree beam spread for even distribution for dramatic cove applications. By using 6 DMX channels in the personality mode, this high output, interior luminaire in the ColourLine family provides mood enhancement in circadian lighting applications. The **COURLINE** family uses SSL developed firmware that is tested to the most current industry standard version of RDM. This technology allows our fixtures to interoperate with leading controllers and presents ease of configuration.



- ColourMode (CM):** SSL uses Digital Dual Mode (DDM) technology to provide RGBW and Tunable White in one fixture! SSL firmware is designed to use 6 DMX channels in the DDM Personality Mode. Maximum Mood Enhancement is available to use for any type of environment. Channels 1-4 are reserved for RGBW. Channels 5-6 are used for CCT tuning. Channel 5 controls intensity while channel 6 controls CCT.
- ColourClone (CC):** As part of our manufacturing process, SSL Automated Manufacturing Robots calibrate every fixture to the exact same X,Y color coordinates to provide Step-1 like consistency. This process enables every fixture to be an exact clone. At the end of the process, a bar code is generated for every board. This allows for exact matching for job add-ons or warranty replacements.
- ColourSoft (CS):** Standard dimming technology uses 8-bit resolution for 256 individual steps. Our 32-bit on-board MCU uses SSL developed software to provide 16-bit resolution to provide 65,536 steps of resolution and only use 8-bits of addressing space! We also use a logarithmic delineation of the resolution to concentrate in the lower third of the dimming curve so the low-end dimming and color transitions have zero flicker.
- ColourQuick (CQ):** Colourline™ RGBW Fixtures provide the quickest color mixing in the industry. The SSL Colourquick technology enables our Colourline™ Interior Cove and Grazer to mix quickly, within a couple inches.

Expanded Disclaimer: Due to continuous development and improvements, specifications are subject to change without notice. Solid State Luminaires reserves the right to change lab test details or specifications without notice. Product use certifies agreement to Solid State Luminaires terms and conditions.



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Interior RGBW fixture

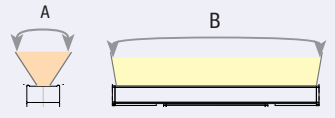


SPECIFICATIONS

color temperature

RGBW

PHYSICAL

beam spread (a), (axb)		110°
LEDs per foot	(4 in 1 multichip) - 10 per foot	
weight	1 foot (.9 lbs) / 4 foot (3.6 lbs)	
housing	extruded aluminum housing with tooled end caps	
lens	etched polycarbonate	
mounting	standard surface mount bracket with full 180° rotation (+/- 90° from center)	
ingress protection	dry or damp locations IP43 rated	
fixture connections	daisy chain with male and female, 5-PIN, plug-n-play connectors	

PERFORMANCE

lumen output [all on]	550 per foot (14 W/ft) / 381 per foot (9W/ft) / 205 per foot (5W/ft)
lumen maintenance	≥ 70,000 hours / L70
temperature	operating: -4°F to 104°F (-20°C to 40°C) start up: -4°F to 104°F (-20°C to 40°C) storage: -40°F to 176°F (-40°C to 80°C)
protocols	DMX 512, RDM (ANSI E1.20)
junction temperature	73°C @ T ^a 25°C
color mixing	ColourQuick (CQ) technology provides uniform beam saturation, instantaneously with not scalloping
color consistency	ColourClone (CC) manufacturing process uses robotic systems to provide step-1 like consistency by calibrating every fixture to the same exact X, Y, chromaticity coordinates
dimming trim	ColourSoft (CS) embedded firmware enables 16-bit resolution using only 8-bits of data to enhance the low trim curve for no-flicker at the slowest transition speeds.
personalization	ColourMode (CM) RGBW and tunable white in one fixture using 6 DMX channels. Channels 1-4 - RGBW : Channels 5-6* - tunable white (channel 5 = intensity and channel 6 = CCT) *Tunable White mode must use the entire fixture as one unit.
resolution	4 distinct personality settings allow for 3 color resolutions of 1', 2' and 4' and 1'- 4' dual mode RGBW and tunable white
warranty	5 year limited warranty (refer to website for details)

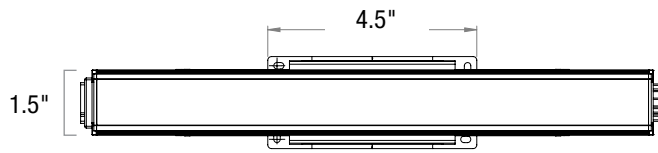
ELECTRICAL

input voltage	Universal 120–277V AC
power supply	integral Class II, electronic high-power factor 99% @ 120V
controls	Pharos controls SSL color controller 3rd party DMX 512, RDM standard based control system
certification	ETL / cETL or CE, FCC-Part 15
standards	UL-Class I / IES LM-79
power consumption	1 ft @ full power (14W / 9W / 5W) 4 ft @ full power (52W / 36W / 20W)

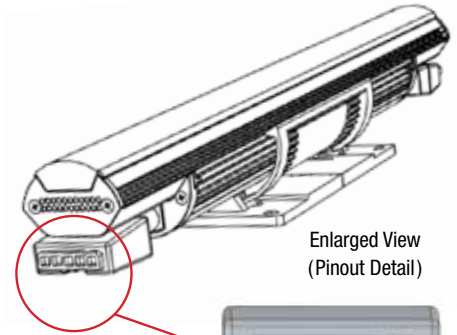
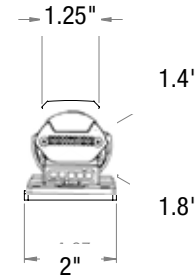
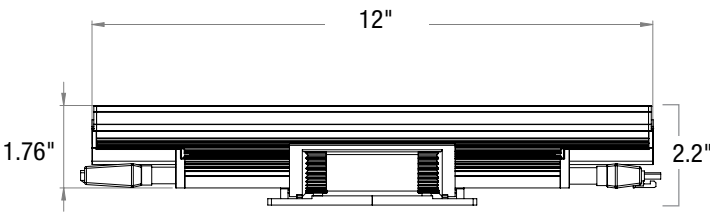
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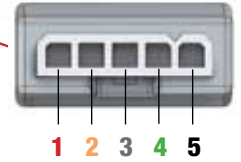
DIMENSIONS WITH STANDARD BRACKET



1 foot fixture

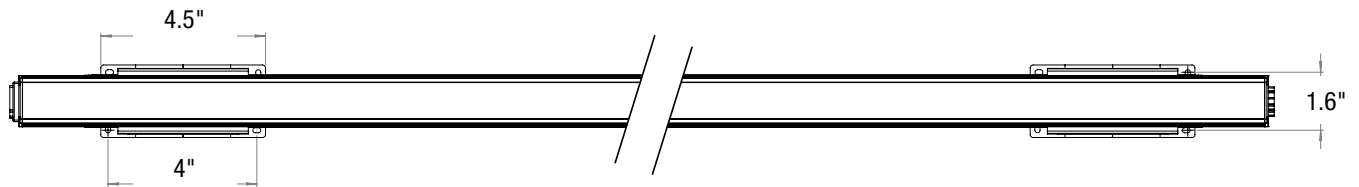


Enlarged View (Pinout Detail)

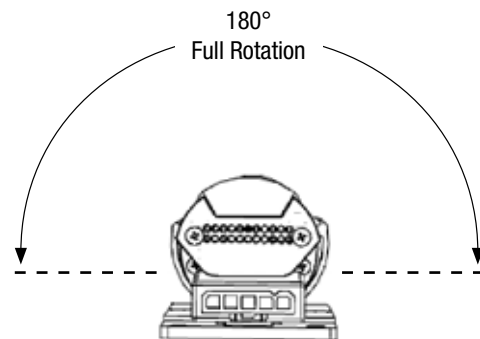
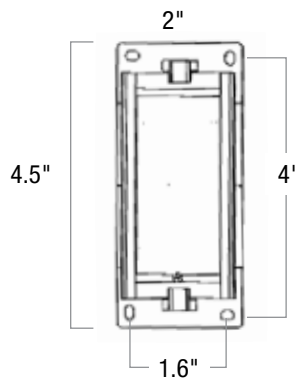
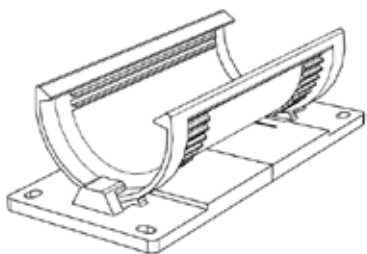


COLOR KEY	
1	Red (<+ Data [+])
2	Orange (<- Data [-])
3	White (- Neutral)
4	Green (≠ Ground)
5	Black (+ Positive)

4 foot fixture



Standard 180° Adjustable Bracket



Ordering Information

PART NUMBERS

CLCV									
model	length	CCT	features	output	optics	options			
CLCV COLOURLINE COVE	1 12 in. [305 mm]	RGBW RGBW	CQ ColourQuick CC ColourClone CS ColourSoft CM ColourMode AF All Features	14W 14W/ft 9W 9W/ft 5W 5W/ft	110 110°x 110° beam	CLL Colourline Louver CLHS Colourline House Shield			
	4 48 in. [1219 mm]								

Cable Accessories (Indicate the quantity needed for each item.)

REQUIRED: Each linear run requires a Starter Cable (SCD10CL) and Terminator Cap (TCAP-DCL). **Maximum Run Length** = 100 feet @ 120V / 240 feet @277V

- | | |
|--|---|
| _____ SCD10CL 10 ft. Starter Connection Cord | _____ EC12-10V 12 in. Extension Cord |
| _____ SCD50CL 50 ft. Starter Connection Cord | _____ EC24-10V 24 in. Extension Cord |
| _____ TCAP-DCL Data Terminator Cap (w/ 120 ohm resistor) | _____ EC60-10V 60 in. Extension Cord |

Mounting Options (Indicate the quantity needed for each item.)

- | | | |
|--|--|--|
| _____ CA2/6 Cantilever Arm - 6" | _____ CA2/12 Cantilever Arm - 12" | _____ CA2/18 Cantilever Arm - 18" |
|--|--|--|

Control Components (Indicate the quantity needed for each item.)

- | | |
|--|--|
| _____ PDX Power Data Wiring Box (<i>exterior rated</i>) | _____ DXC-25 25 foot Exterior rated DMX cable |
| _____ CSC-1 Colour Select Controller (<i>includes 48 standard preset scenes</i>) | _____ DXC-50 50 foot Exterior rated DMX cable |
| _____ CL-RS4 Colourline 4 part interior rated RDM splitter (<i>with power supply</i>) | _____ DXC-100 100 foot Exterior rated DMX cable |
| _____ GU2WH Nicolaudie STICK-GU2 Wall Mount Controller - White | _____ CD-25 25 foot controller data cable |
| _____ GU2BK Nicolaudie STICK-GU2 Wall Mount Controller - Black | _____ CD-50 50 foot controller data cable |
| _____ PHAROS TPC-BN Touch Panel Controller - Black on Nickel (<i>512 Channels EDMX</i>) | _____ CD-100 100 foot controller data cable |
| _____ PHAROS EXT Extension for TPC Connectivity | |

Controller Data Cables/DMX Cables listed are exterior rated cable. (Belden 3105A or equivalent) CD cables have male XLR at one end.

