

CONTINUOUS COVE

CX

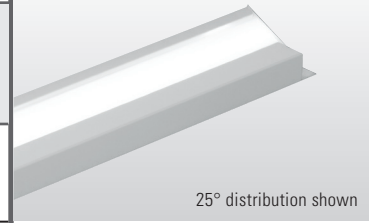
tunable **COLOR**

CATALOG #: _____ TYPE: _____
 PROJECT: _____ NOTES: _____

EXAMPLE

CX E - 14'08 - L10/9TC - 25 - D - OPTIONS - DALI - 120

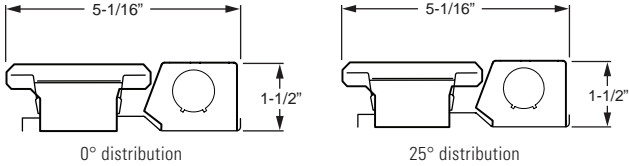
SERIES COVE TYPE ROW LENGTH LUMEN PACKAGE CRI & CCT DIST. SHIELDING OPTIONS CONTROL VOLTAGE



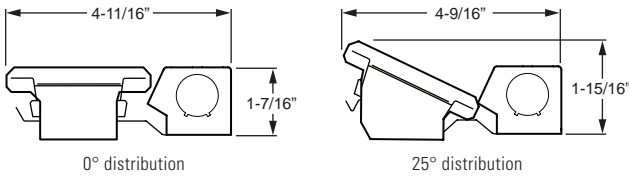
25° distribution shown

CROSS SECTIONS

CONTRACTOR COVE TYPE



EXTRUDED COVE TYPE



FEATURES

- ▶ Tunable color from 1650K to 8000K CCT, minimum 90 CRI.
- ▶ Solutions for contractor & extruded coves.
- ▶ Low-profile & field adjustable to the inch.
- ▶ Soft & uniform accent lighting.
- ▶ Exceptional performance & value.
- ▶ Multiple dimming options & integral emergency battery.
- ▶ Quick-connect wiring for simple lay-in installation.
- ▶ Light weight fixture assembly, 2.2 lbs/ft.
- ▶ Available with tunable white & full color technologies, consult factory.
- ▶ Designed & manufactured in the USA.

ORDERING INFORMATION

SERIES

CX Continuous Cove – LED – Tunable Color

COVE TYPE

For additional cove styles, consult factory

C Contractor cove
E Extruded cove (by others; see back for details)

ROW LENGTH

Lengths specified in feet and inches using 1" increments, 2' minimum. Example: **14'08** = 14'-8"

PRODUCT BUILDER

Simplify ordering & layout design with the Williams Linear Product Builder at hew.com



LED PACKAGE

EXAMPLE: L10/9TC		
LUMEN PACKAGE	NOMINAL LUMENS PER FOOT	WATTAGE PER FOOT
L10	1000	15

Nominal lumen output based on 4000 CCT. Actual lumens may vary +/-5%, see fixture performance data.

COLOR

9TC Tunable color (90 CRI, 1650K–8000K and color)

DISTRIBUTION

See back for details.

0 0°
25 25°

SHIELDING

Lens length trimmed to size in field.
D Diffuse acrylic dustcover

OPTIONS

AMW Anti-microbial white finish

CONTROL

See page 3 for details.

BTL Bluetooth LE enabled
DALI DALI Type 8 enabled
DIM (1) 0-10V signal to control dimming
 (1) 0-10V signal to control CCT
 (will only control white light CCT range, will not have pure color output)
DMX DMX enabled
LUT Lutron Ecosystem enabled
WS Wattstopper DLM enabled

VOLTAGE

120 120V
277 277V



SPECIFICATIONS

Housing – Formed sheet metal.
Shielding – Extruded diffuse acrylic lens.
Finish – 92% minimum average reflective white polyester 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 LED modules. On board thermal and optical feedback ensure color consistency of <2 step MacAdam ellipse (SDCM) and L70>50,000 hours. In-line spectral capture and storage results in consistent CRI and CCT across all arrays.
Mounting – Lay-in cove.
Labels – cCSAus certified as luminaire suitable for dry or damp locations.
Warranty – 5-year limited warranty, see hew.com/warranty.

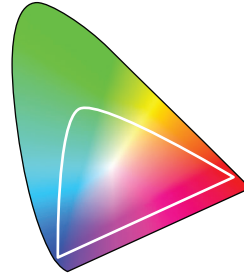
FIXTURE PERFORMANCE DATA

LED PACKAGE	DISTRIBUTION	COLOR	DELIVERED LUMENS PER FOOT	POWER (W) PER FOOT	EFFICACY (lm/W)
L10	0	4000	1067	15.2	70.12
		Red	163	4.1	39.42
		Blue	99	6.7	14.82
		Green	795	8.3	96.24
	25	4000	1053	15.2	69.2
		Red	161	4.1	38.9
		Blue	98	6.7	14.6
		Green	785	8.3	95.0

- 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.

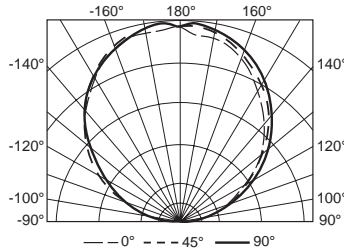
MULTIPLIER TABLE

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



PHOTOMETRY

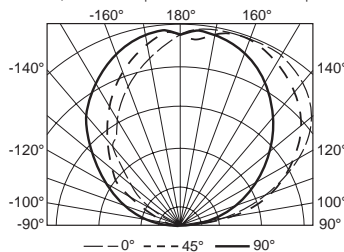
CXC-3'08-L10/9TC-0-D-DALI Total Luminaire Output: 3913 lumens; 56 Watts
 Efficacy: 70 lm/W | 82.7 CRI; 3494K CCT | IES Spacing Crit.: End: 1.1, Across: 1.2, Diag.: 1.2



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
90	0	0	0	0	0	
95	2	11	76	71	73	67
105	207	239	294	279	279	279
115	441	467	486	508	495	483
125	650	675	711	730	707	628
135	843	876	920	932	914	702
145	1018	1057	1094	1113	1102	679
155	1176	1211	1245	1264	1253	568
165	1285	1324	1345	1356	1330	376
175	1319	1375	1398	1396	1344	131
180	1371	1371	1371	1371	1371	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	829	21
	90 - 130	1458	37
	90 - 150	2838	73
	90 - 180	3913	100
	0 - 180	3913	100

CXC-3'08-L10/9TC-25-D-DALI Total Luminaire Output: 3861 lumens; 56 Watts
 Efficacy: 69 lm/W | 82.7 CRI; 3494K CCT | IES Spacing Crit.: End: 1.1, Across: 1.2, Diag.: 1.2

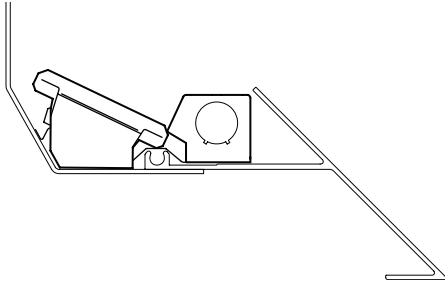


VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
90	0	0	0	0	0	
95	126	125	73	19	6	88
105	430	498	285	70	57	293
115	783	767	480	271	106	491
125	1052	973	666	513	319	632
135	1212	1114	865	682	546	691
145	1305	1232	1049	868	746	654
155	1345	1312	1183	1029	927	537
165	1331	1340	1273	1185	1082	354
175	1257	1317	1316	1299	1211	123
180	1284	1284	1284	1284	1284	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	872	23
	90 - 130	1504	39
	90 - 150	2848	74
	90 - 180	3861	100
	0 - 180	3861	100

FIXTURE DETAILS

EXTRUDED COVE, 25° (example cove style, by others, shown)



EXTENDED CHANNEL
Adjustable to the inch



CONTROL DETAILS

DALI



Lutron Ecosystem



Wattstopper DLM



DMX

