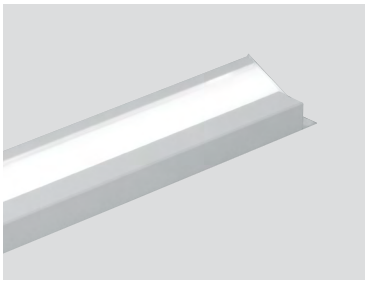
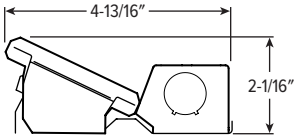
CX LED Continuous Cove





25° distribution

CATALOG #:

TYPE:

PROJECT:

FEATURES

- Provides soft, uniform, illumination for contractor and extruded coves
- Field-adjustable to the inch ensures a perfect fit
- Exceptional performance and value
- Multiple dimming options and integral emergency battery
- Quick-connect wiring for simple lay-in installation
- Design spaces quickly with the Linear Product Builder
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Light weight fixture assembly, 2.2 lbs/ft
- Wireless in-fixture control solutions available
- Made Right Here® in the USA

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 – High-quality mid-power LED boards. L70 > 72,000 hours per IES TM-21. 50/60 Hz constant current driver. Tunable White products use LEDs of multiple shades of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.
- MOUNTING – Lay-in cove.
- LISTINGS –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - Build America, Buy America (BABA) and Buy American Act (BAA) compliant. Request certification at hew.com/buy-american
- WARRANTY – 5-year limited warranty, see hew.com/warranty

ORDERING EXAMPLE: CX E - 14′08 - L10/835 - 25 - D - OPTIONS - CONTROL/DRV - UNV

SERIES
CX

COVE TYPE [1]
C Contractor Cove
E Extruded Cove [2]

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

Product Builder
Easily build shapes & simplify ordering with the Williams Linear Product Builder at hew.com/product-builder

LUMENS [3]
L4 400lm
L6 600lm
L8 800lm
L10 1,000lm
L15 1,500lm [5]

CRI
8 80
9 90

CCT
27 2700K
30 3000K
35 3500K
40 4000K
50 5000K
TW Tunable white (3000K–5000K)
TW2 Tunable white (2700K-6500K)

DISTRIBUTION
0 0°
25 25°

SHIELDING [4]
D Diffuse acrylic dustcover

OPTIONS [6]

EM/10WLP	Low-profile 10-watt emergency battery [7]
EM/10WRM	Remote mount 10-watt emergency battery
EM/10WRM/RTS	Remote mount 10-watt emergency battery with regressed test switch
AMW	Anti-microbial white finish
(L__)	Additional lower lumen packages available Example: 900 lumens = CXE-14′08-L10/835-**(L9)** [8]

CONTROL
*Click **HERE** for control and sensor options.*
– None

DRIVER
*See page 3 for **ADDITIONAL DRIVER OPTIONS**.*

DIM	Driver with external 0-10V dimming wires [9]
DRV	Driver without external dimming wires [10]
DIM1	1% Driver with external 0-10V dimming wires [11]

VOLTAGE
120 120V
277 277V
UNV 120-277V
347 347V [12]

NOTES

1. For additional styles, consult factory.
2. By others. See page 2 for FIXTURE DETAILS.
3. Lumens per foot output based on 80 CRI, 3500K for static white and 4000K for tunable white. Actual performance may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA. Additional lumen packages available, see Options.
4. Lens length trimmed to size in field.
5. Not available with tunable white.
6. Remote EM batteries: max remote distance 50′. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for REMOTE MOUNT BATTERY DETAILS.
7. Not available with fixtures less than 4′.
8. (L5) lumen package minimum. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
9. 0.1% Driver with tunable white.
10. Not available with tunable white.
11. Not available with tunable white.
12. Not available with EM batteries or tunable white.

FIXTURE PERFORMANCE DATA

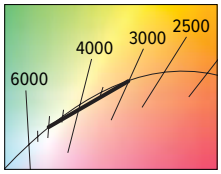
	PER FOOT			
	DISTRIBUTION	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
L4	0	413	3.4	122
	25	405		119
L6	0	614	4.9	125
	25	602		123
L8	0	835	6.7	125
	25	818		122
L10	0	1028	8.3	124
	25	1007		121
L15	0	1541	12.9	119
	25	1510		117

MULTIPLIER TABLE

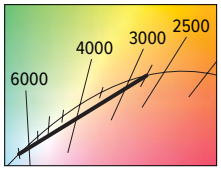
	COLOR TEMPERATURE			
	CCT	STANDARD	TW	TW2
80 CRI	2700K	0.97	–	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	–	–	1.01
90 CRI	2700K	0.80	–	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	–	–	1.02

- Photometrics tested in accordance with IESNA LM-79. Results based on 80 CRI, 3500K for static white and 4000K for tunable white, wattage for 120V through 277V input, and 25°C ambient temperature. Actual performance may vary +/-5%.
- To calculate lumen output in emergency mode, multiply the battery wattage by the efficacy.
- Use multiplier table to calculate additional options.

TW

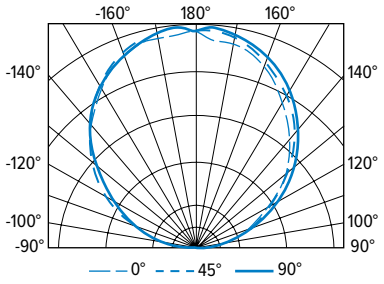


TW2



PHOTOMETRY

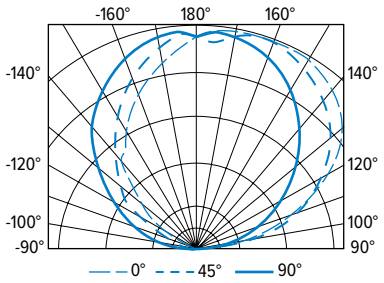
CXC-3'08-L10/835-0-D-DIM-UNV Total Luminaire Output: 3770 lumens; 29.9 Watts | Efficacy: 126 lm/W | 80 CRI; 3500K CCT



CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE 0°	45°	90°	135°	180°	ZONAL LUMENS
	90	0	0	0	0	0	
	95	2	11	73	68	70	65
	105	199	231	283	268	268	269
	115	425	449	468	489	477	465
	125	626	650	685	703	681	605
	135	812	843	886	898	880	676
	145	981	1018	1054	1072	1061	654
	155	1133	1166	1199	1218	1207	548
	165	1238	1275	1296	1306	1281	362
	175	1270	1325	1346	1344	1295	126
	180	1321	1321	1321	1321	1321	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	799	21
	90 - 130	1404	37
	90 - 150	2734	73
	90 - 180	3770	100
	0 - 180	3770	100

CXC-3'08-L10/835-25-D-DIM-UNV Total Luminaire Output: 3692 lumens; 29.9 Watts | Efficacy: 123 lm/W | 80 CRI; 3500K CCT

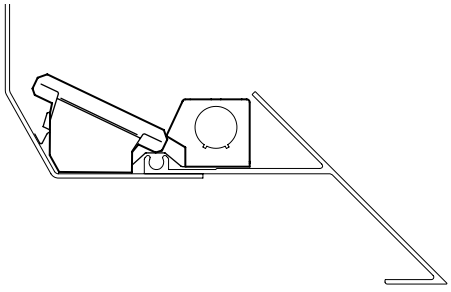


CANDLEPOWER DISTRIBUTION	VERTICAL ANGLE	HORIZONTAL ANGLE 0°	45°	90°	135°	180°	ZONAL LUMENS
	90	0	0	0	0	0	
	95	121	120	70	18	6	85
	105	411	476	272	67	54	280
	115	749	733	459	259	101	469
	125	1005	930	637	491	305	604
	135	1159	1065	827	652	522	660
	145	1248	1178	1003	830	713	625
	155	1286	1255	1131	984	887	513
	165	1273	1281	1217	1133	1034	338
	175	1202	1260	1259	1242	1158	117
	180	1228	1228	1228	1228	1228	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	90 - 120	834	23
	90 - 130	1438	39
	90 - 150	2723	74
	90 - 180	3692	100
	0 - 180	3692	100

FIXTURE DETAILS

EXTRUDED COVE, 25°



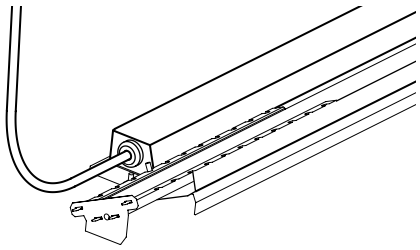
Example cove style, by others, shown

EXTENDED CHANNEL

Adjustable to the inch.

Fixtures utilizing extensions (EXTL/EXTR) are intended for end of row use only. If connection is required, it must be made on site utilizing flexible conduit.

POWER ENTRY

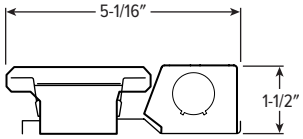


Flex/cord mounts in remote driver box.

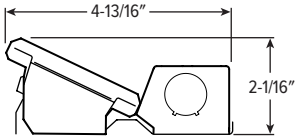
CROSS SECTIONS

CONTRACTOR COVE TYPE

0° DISTRIBUTION

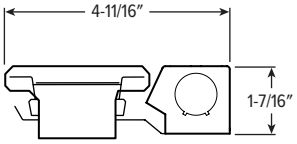


25° DISTRIBUTION

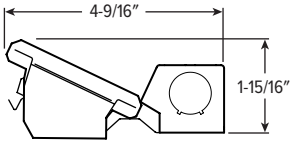


EXTRUDED COVE TYPE

0° DISTRIBUTION

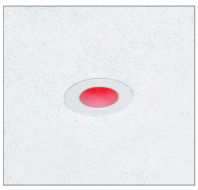


25° DISTRIBUTION



REMOTE MOUNT BATTERY DETAILS

EM/10WRM/RTS

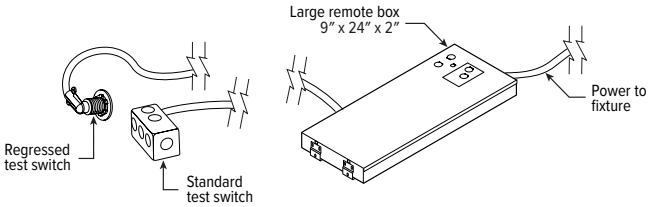


Regressed test switch
ø1-3/4″

EM/10WRM

Standard test switch
2-3/4″ x 4-1/2″

Max remote distance is 50′, connection by others.



ADDITIONAL DRIVER OPTIONS

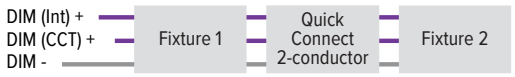
Note: Restrictions may apply, consult product builder at hew.com/product-builder

CATALOG NUMBER	DESCRIPTION
DRV [1]	Driver without external dimming wires prewired for non-dimming applications
DIM	Driver with external dimming wires prewired for 0-10V low voltage applications (tunable white: (1) 0-10V signal controls 0.1% dimming and (1) 0-10V signal controls CCT)
DIM1 [1]	1% driver with external dimming wires prewired for 0-10V low voltage applications
DIM LINE [1]	Line voltage dimming driver (TRIAC and ELV compatible, 120V only)
DIM TRC [1]	Line voltage dimming driver (TRIAC compatible, 120V only)
DA	Driver with 12V auxiliary power, without external dimming wires (not available with 347V)
DSR	DALI-2 sensor-ready driver without external dimming wires (Not available with 347V. Static CCTs use D4i DALI-2 driver)
DALI	DALI dimming driver
DMX	Driver prewired for DMX applications
SD40 [1]	40% step-dimming driver
SD50 [1]	50% step-dimming driver
LDE1 [1]	Lutron Hi-lume 1% EcoSystem dimming driver
LD2	Lutron DALI-2 digital driver, 1%
DCC	Remote UL Class 2 DC constant current supply, UL- or CSA-listed, by others

1 Single CCT only.

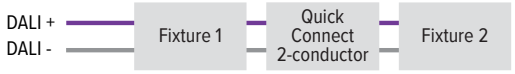
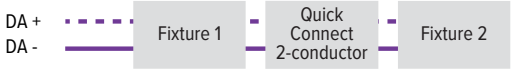
TUNABLE WHITE DRIVER DETAILS

DIM



DMX

DALI



LD2