

# CONTINUOUS COVE

# CX

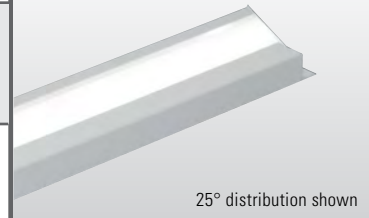
tunable **WHITE** | PoE

CATALOG #:	TYPE:
PROJECT:	NOTES:

EXAMPLE

**CX E - 14'08 - P8/835 - 25 - D - OPTIONS - POE N**

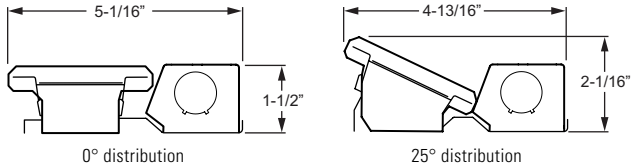
SERIES COVE TYPE ROW LENGTH LUMEN PACKAGE CRI & CCT DISTRIBUTION SHIELDING OPTIONS CONTROL



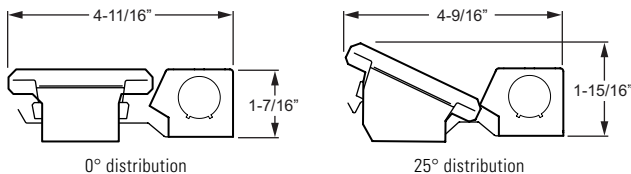
25° distribution shown

## CROSS SECTIONS

### CONTRACTOR COVE TYPE



### EXTRUDED COVE TYPE



## ORDERING INFORMATION

### SERIES

**CX** Continuous Cove – PoE

### 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](http://hew.com)



### LED PACKAGE

Example: P8/835		
LUMEN PACKAGE	NOMINAL LUMENS PER FOOT	WATTAGE PER FOOT
P8	800	6.3

Nominal lumen output based on 3500K for single CCT and 4000K for TW. Actual lumens may vary +/-5%, see fixture performance data.

### CRI & CCT

**830** 82 CRI, 3000K  
**835** 82 CRI, 3500K  
**840** 82 CRI, 4000K  
**8TW** Tunable white (80 CRI, 3000K–5000K)

### 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

### ACCESSORIES

See [hew.com/poe](http://hew.com/poe) for compatible sensors & switches

### CONTROL

For additional PoE info, see [hew.com/poe](http://hew.com/poe)  
Node requires remote mounting, see page 2 for details.

**POE N** Power over Ethernet network node  
**POE D** Power over Ethernet device node (not available for fixtures over 40W)

## FEATURES

- ▶ Williams turn-key Power over Ethernet (PoE) solution provides plug-and-play networked lighting and control.
- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
- ▶ Efficacies up to 136 lm/W
- ▶ Solutions for contractor & extruded coves.
- ▶ Low-profile & field adjustable to the inch.
- ▶ Soft & uniform accent lighting.
- ▶ Exceptional performance & value.
- ▶ Light weight fixture assembly, 2.2 lbs/ft.
- ▶ Available with tunable white, consult factory.
- ▶ Designed & manufactured in the USA.

## SYSTEM REQUIREMENTS

- Lighting system (site software)
- Gateway or alternate server (runs software)
- PoE switches or Ethernet switches and mid-span power injectors
- See [hew.com/poe](http://hew.com/poe) for details



### 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 >60,000 hours per IES TM-21. Low-voltage DC fixture, to be fed by Class 2 power supply. Tunable White products use LEDs of multiple CCTs and may produce a perceptibly different shade of white from single-CCT products at the same CCT. All CCTs are within 3 MacAdam ellipses.  
**Mounting** – Lay-in cove.  
**Labels** – cCSAus certified as luminaire suitable for dry or damp locations.  
**Warranty** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

### FIXTURE PERFORMANCE DATA

#### STANDARD

LED PACKAGE	DELIVERED LUMENS PER FOOT	WATTAGE PER FOOT	EFFICACY (lm/W)
0°			
P8	854	6.3	136
25°			
P8	844	6.3	135

#### TUNABLE WHITE

LED PACKAGE	DELIVERED LUMENS PER FOOT	WATTAGE PER FOOT	EFFICACY (lm/W)
0°			
P8	816	7.4	111
25°			
P8	805	7.4	109

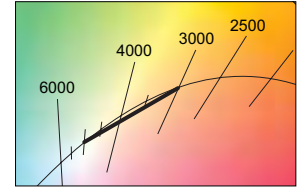
### MULTIPLIER TABLES

#### STANDARD

CCT	CONVERSION FACTOR
3000K	0.99
3500K	1.00
4000K	1.03

#### TUNABLE WHITE

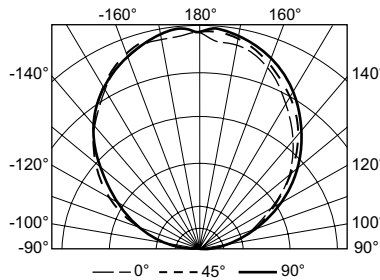
CCT	CONVERSION FACTOR
3000K	0.95
3500K	0.98
4000K	1.00
5000K	0.96



- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Standard results based on 3500K standard, 80 CRI, actual lumens may vary +/-5%
- Tunable white results based on 4000K standard, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

### PHOTOMETRY

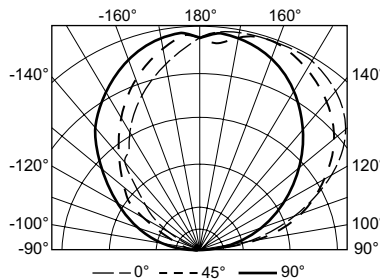
**CXC-3'08-P8/835-0-D** Total Luminaire Output: 3130 lumens; 23 Watts | Efficacy: 136 lm/W



Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	45°	90°	135°	180°	
90	0	0	0	0	0	
95	2	9	61	57	58	54
105	166	191	235	223	223	223
115	353	373	389	406	396	386
125	520	540	569	584	565	503
135	674	700	736	746	731	561
145	814	846	875	890	881	543
155	941	968	996	1011	1002	455
165	1029	1059	1076	1085	1064	301
175	1055	1100	1118	1116	1075	105
180	1097	1097	1097	1097	1097	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	90 - 120	663	21
	90 - 130	1166	37
	90 - 150	2270	73
	90 - 180	3130	100
	0 - 180	3130	100

**CXC-3'08-P8/835-25-D** Total Luminaire Output: 3094 lumens; 23 Watts | Efficacy: 135 lm/W

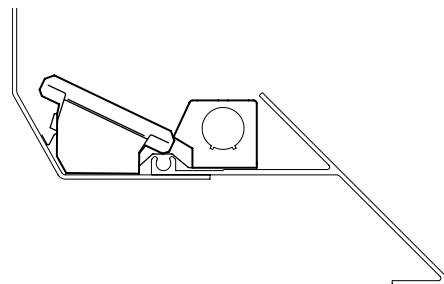


Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	45°	90°	135°	180°	
90	0	0	0	0	0	
95	101	100	58	15	5	71
105	345	399	228	56	45	235
115	627	614	385	217	85	393
125	843	780	533	411	256	506
135	971	893	693	546	437	553
145	1046	988	840	696	597	524
155	1077	1052	948	825	743	430
165	1067	1073	1020	950	867	283
175	1007	1056	1055	1041	971	98
180	1029	1029	1029	1029	1029	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	90 - 120	699	23
	90 - 130	1205	39
	90 - 150	2282	74
	90 - 180	3094	100
	0 - 180	3094	100

### FIXTURE DETAILS

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

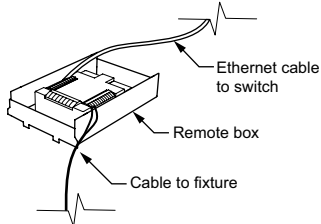


**EXTENDED CHANNEL**

Adjustable to the inch



### REMOTE MOUNT NODE DETAILS



Includes 2' plenum rated 18ga. solid cable. Remote box can be installed in:

- Above ceiling grid
- Remote closet (within 100ft)
- Surface below ceiling

See [Technical Info](#) for dimension details.

