

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Support human-centric design with adaptive, individualized lighting using tunable white light
- Efficacies up to 136 lm/W
- 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
- Light weight fixture assembly, 2.2 lbs/ft
- 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 >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.
- LISTINGS – cCSAus certified as luminaire suitable for dry or damp locations.
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

SYSTEM REQUIREMENTS

- PoE-ready luminaires are connected to building power systems through network integration and require other components for complete PoE lighting system
- For additional PoE info, see hew.com/poe
- Consult factory for design support



ORDERING EXAMPLE: CX E - 14'08 - P8/835 - 25 - D - OPTIONS - POE PR

SERIES	COVE TYPE ^[1]	LENGTH
CX	C Contractor Cove E Extruded Cove ^[2]	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]	CRI	CCT	DISTRIBUTION	SHIELDING ^[4]
P8 800lm	8 80	27 2700K	0 0°	D Diffuse acrylic dustcover
		30 3000K		
	9 90 ^[5]	35 3500K	25 25°	
		40 4000K		
		50 5000K		
		TW Tunable white (3000K-5000K)		
TW2 Tunable white (2700K-6500K)				

OPTIONS	CONTROL ^[6]
AMW Anti-microbial white finish	POE PR Power over Ethernet, Platformatics-ready

NOTES

- ¹ For additional styles, consult factory.
- ² By others. See page 3 for FIXTURE DETAILS.
- ³ Lumens per foot output based on 80 CRI, 3500K CCT. Actual lumens may vary ± 5%. See page 2 for FIXTURE PERFORMANCE DATA.
- ⁴ Lens length trimmed to size in field
- ⁵ Extended lead times may apply. Consult factory for availability.
- ⁶ See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see hew.com/poe.

FIXTURE PERFORMANCE DATA

STANDARD

		PER FOOT		
DISTRIBUTION		DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P8	0	854	6.3	136.0
	25	844	6.3	135.0

TUNABLE WHITE

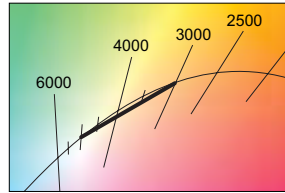
		PER FOOT		
DISTRIBUTION		DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
P8	0	816	7.4	111.0
	25	805	7.4	109.0

MULTIPLIER TABLE

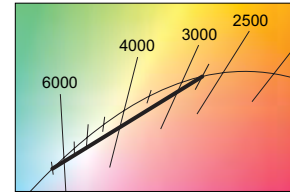
		COLOR TEMPERATURE		
CCT		STANDARD	TW	TW2
80 CRI	2700K	0.97	-	0.93
	3000K	0.99	0.95	0.95
	3500K	1.00	0.98	0.98
	4000K	1.03	1.00	1.00
	5000K	1.06	0.96	1.02
	6500K	-	-	1.01
90 CRI	2700K	0.80	-	0.93
	3000K	0.82	0.91	0.95
	3500K	0.83	0.96	0.98
	4000K	0.86	1.00	1.00
	5000K	0.89	1.03	1.03
	6500K	-	-	1.02

- Photometrics tested in accordance with IESNA LM-79. Results 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.

TW

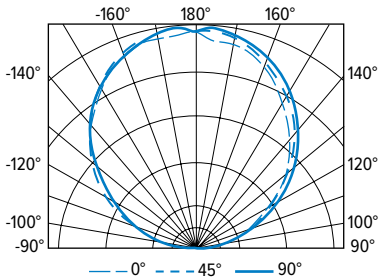


TW2



PHOTOMETRY

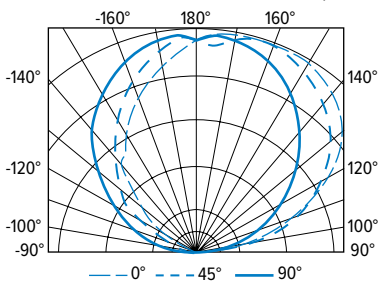
CXC-3'08-P8/835-0-D Total Luminaire Output: 3130 lumens; 23 Watts | Efficacy: 136 lm/W | 80 CRI; 3500K CCT



VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
90	0	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	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 | 80 CRI; 3500K CCT



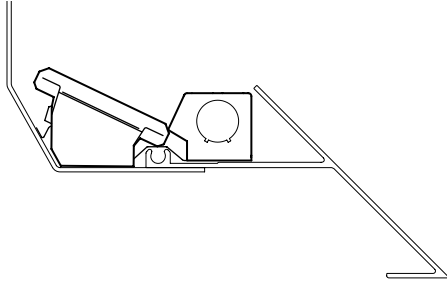
VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
90	0	0	0	0	0	0
95	101	100	58	15	5	71
105	345	399	228	56	45	235
115	627	614	385	217	85	393
125	843	780	533	411	256	506
135	971	893	693	546	437	553
145	1046	988	840	696	597	524
155	1077	1052	948	825	743	430
165	1067	1073	1020	950	867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

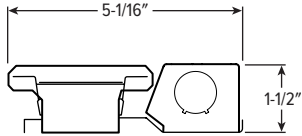


Adjustable to the inch

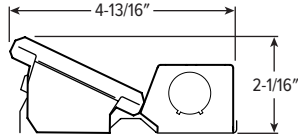
CROSS SECTIONS

CONTRACTOR COVE TYPE

0° DISTRIBUTION

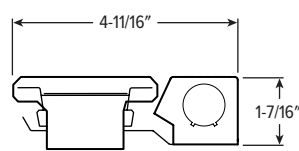


25° DISTRIBUTION

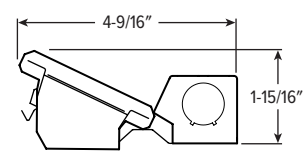


EXTRUDED COVE TYPE

0° DISTRIBUTION



25° DISTRIBUTION



NODE CONNECTION DETAILS

Includes 24" cable with 4-position mating connector for Platformatics POE-LN2 node. See node spec sheet for details: platformatics.com/product/poe-ln2

