CB
PoE | tunable WHITE
Cornice Bed Light

Williams

CATALOG #: _____

6-5/16"

2-15/16"

CurviLine (CV) Shown

Type: _____

PROJECT: _____

FEATURES

- Deliver scalable, data-driven smart buildings with PoE-enabled fixtures and controls
- Control direct and indirect lighting independently using a pull chain or bedside controller
- Designed with the appearance of finely crafted carpentry
- Get comfortable ambient lighting along with a highly functional reading light
- Small scale design complements architecture with minimal impact on space
- Heavy-duty extruded aluminum housing ensures superior durability while providing crisp design detail
- Made Right Here® in the USA

BUY AMERICAN ACT COMPLIANT

SPECIFICATIONS

- HOUSING – Seam-welded extruded aluminum.
- REFLECTIVE SURFACES – 92% minimum average reflective anti-microbial white polyester powder coat on interior components.
- SHIELDING – Frosted acrylic or inverted prismatic frosted acrylic.
- FINISH – Textured anti-microbial matte white polyester TGIC 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 >50,000 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 – Wall mounts over 4" x 2" horizontal junction box.
- LISTINGS –
  - cCSAus certified as luminaire suitable for dry or damp locations.
  - Complies with the Buy American Act and other federal regulations. Request certification at hew.com/baa.
- 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

ORDERING EXAMPLE: CB CL - 4 - P24U / P24D / 840 - AF125 - OPTIONS - POE PR

ORDERING INFO

SERIES	STYLE		LENGTH	LUMEN PACKAGE (EXAMPLE: P24U/P24D/840)
CB	CL	ClassicLine	4 4'	Specify lumen packages: **U** for Uplight and **D** for Downlight
	CV	CurviLine		

LUMENS [1]	U OR D	CRI	CCT	
P24 2,400lm	**U** Uplight	**8** 80	**27**	2700K
	D Downlight	**9** 90 [2]	**30**	3000K
			35	3500K
			40	4000K
			50	5000K
			TW	Tunable white (3000K–5000K)
			TW2	Tunable white (2700K-6500K)

SHIELDING

AF12125 Inverted frosted acrylic, pattern 12, .125" thick

AF125 Frosted acrylic, .125" thick

OPTIONS [3]

BC Fixture prewired for bedside controls, button functionality determined with gateway software

PSBR Bottom-mounted pull switch on right [5]

PSBL Bottom-mounted pull switch on left [6]

PS4BR 4-position bottom-mounted pull switch on right

PS4BL 4-position bottom-mounted pull switch on left

CONTROL [4]

POE PR Power over Ethernet-ready

NOTES

1. Lumen output based on 4000K for single CCT and TW. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
2. Extended lead times may apply. Consult factory for availability.
3. See page 3 for FINISH OPTIONS.
4. For additional PoE connection details, consult factory.
5. Up or down functionality determined with gateway software.
6. Up or down functionality determined with gateway software.

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FIXTURE PERFORMANCE DATA

STANDARD

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
UPLIGHT			
P24	2410	23.0	105
DOWNLIGHT			
P24	2516	23.0	109

TUNABLE WHITE

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
UPLIGHT			
P24	2328	24.6	95
DOWNLIGHT			
P24	2431	24.6	99

MULTIPLIER TABLE

|	COLOR TEMPERATURE		
CCT	STANDARD	TW	TW2
80 CRI			
2700K	0.94	–	0.93
3000K	0.96	0.95	0.95
3500K	0.97	0.98	0.98
4000K	1.00	1.00	1.00
5000K	1.03	0.96	1.02
6500K	–	–	1.01
90 CRI			
2700K	0.77	–	0.93
3000K	0.79	0.91	0.95
3500K	0.80	0.96	0.98
4000K	0.83	1.00	1.00
5000K	0.86	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 and tunable white results based on 4000K, 80 CRI, actual lumens may vary +/- 5%
- Use multiplier table to calculate additional options.

TW
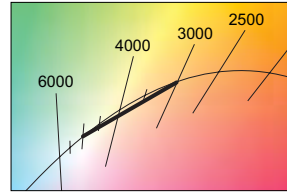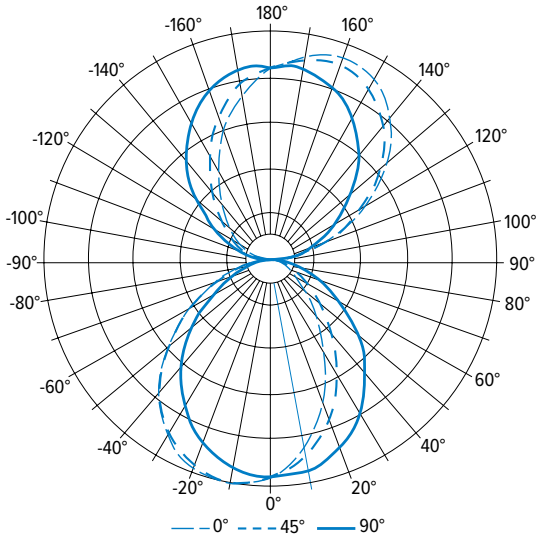
TW2
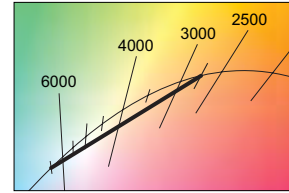
PHOTOMETRY

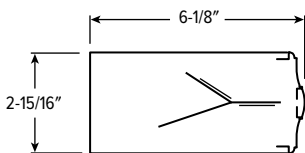**CBCL-4-P24U/P24D/840-AF125** Total Luminaire Output: 4927 lumens; 46 Watts | Efficacy: 107 lm/W | 80 CRI; 4000K CCT

— 0° - - - 45° — 90°

CANDLEPOWER DISTRIBUTION

VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1056	1056	1056	1056	1056	
5	996	1015	1053	1090	1088	100
15	824	895	1010	1095	1107	279
25	602	713	914	1048	1061	405
35	387	524	777	938	947	455
45	229	348	608	766	774	429
55	127	215	428	562	570	350
65	56	109	267	362	379	240
75	15	31	127	204	217	129
85	4	4	26	74	86	44
95	10	32	54	48	39	48
105	187	201	157	114	94	157
115	402	405	283	200	167	283
125	265	588	414	294	244	386
135	808	762	574	403	338	448
145	958	904	720	531	461	450
155	1031	982	835	679	599	382
165	1033	999	913	813	751	255
175	963	963	949	909	876	89
180	936	936	936	936	936	

LUMEN SUMMARY

ZONE	LUMENS	% FIXTURE
0 - 30	784	16
0 - 40	1238	25
0 - 60	2017	41
0 - 90	2429	49
90 - 120	489	10
90 - 150	1771	36
90 - 180	2497	51
0 - 180	4927	100

CROSS SECTIONS

CLASSICLINE (CL)

6-1/8″
2-15/16″

CURVILINE (CV)

6-5/16″
2-15/16″

CB

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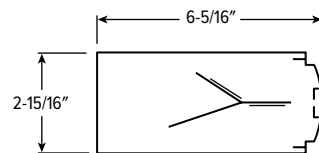
FIXTURE DETAILS

BACKVIEW

(8) ø1/4″ KOs

ø7/8″ KO

49-5/16″

Weight: 14 lbs

OPTIONS

LEFT

RIGHT

PSL/120

FINISH OPTIONS

WHITE	BLACK	BRONZE	NICKEL	SILVER	ALUM
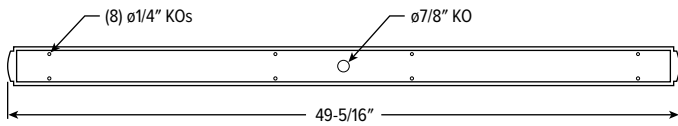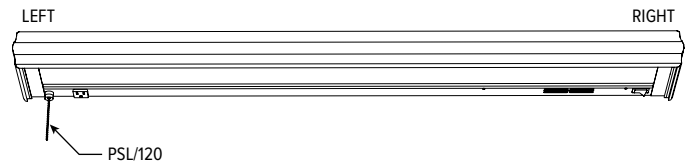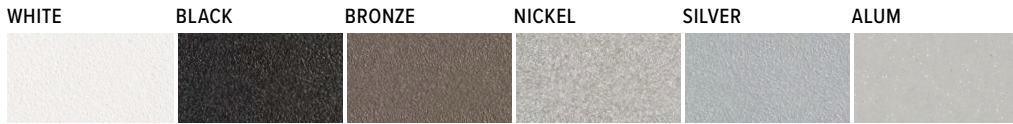
For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1″ square.

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Information contained herein is subject to change without notice.   REV.09/27/23.LA

Wall
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