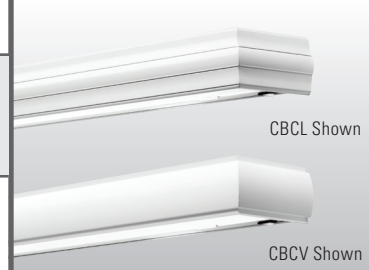


# CORNICE BED LIGHT

# CB

tunable **WHITE** | PoE



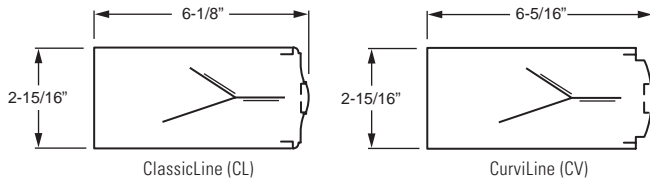
CATALOG #: \_\_\_\_\_ TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_ NOTES: \_\_\_\_\_

**EXAMPLE** **CB CL - 4 - P24U / P24D / 840 - AF125 - OPTIONS - POE N**

SERIES    STYLE    NOMINAL LENGTH    LUMENS UPLIGHT    LUMENS DOWNLIGHT    CRI & CCT    SHIELDING    OPTIONS/ACCESSORIES    CONTROL

## CROSS SECTIONS



## ORDERING INFORMATION

**SERIES**  
**CB** Cornice Bed light – PoE

**STYLE**  
**CL** ClassicLine  
**CV** CurviLine

**NOMINAL LENGTH**  
**4** 4'

**LED PACKAGE**  
 Specify lumen packages: **U** for Uplight and **D** for Downlight.

EXAMPLE: P24U/P24D/840			
LUMEN PACKAGE	NOMINAL LUMENS	UP OR DOWN LIGHT	TOTAL SYSTEM WATTAGE
P24	2,400	U or D	46

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

**CRI & CCT**

<b>827</b>	82 CRI, 2700K
<b>830</b>	82 CRI, 3000K
<b>835</b>	82 CRI, 3500K
<b>840</b>	82 CRI, 4000K
<b>850</b>	82 CRI, 5000K
<b>8TW</b>	Tunable white (80 CRI, 3000K–5000K)

**SHIELDING**  
**AF12125** Inverted frosted acrylic, pattern 12, .125" thick  
**AF125** Frosted acrylic, .125" thick

**OPTIONS**  
 For color details, visit the CB at [hew.com](http://hew.com).  
**EM/CP12** Remote mount 12-watt lota emergency LED battery, controls ambient compartment only (requires one additional category cable run to switch, see page 3 for details)  
**BC** Fixture prewired for bedside controls, button functionality determined with gateway software.  
**PSBR** Bottom-mounted pull switch on right, up or down functionality determined with gateway software.  
**PSBL** Bottom-mounted pull switch on left, up or down functionality determined with gateway software.  
**PS4BR** 4-position bottom-mounted pull switch on right  
**PS4BL** 4-position bottom-mounted pull switch on left

**FINISH OPTIONS** (See back for details)  
**White** (Standard)      **Black**  
**Bronze**                      **Nickel**  
**Silver**                        **Aluminum**

**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)  
 Fixture requires remote mounting, see page 3 for details.  
**POE N** Power over Ethernet network node  
**POE D** Power over Ethernet device node

## 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 109 lm/W.
- ▶ Designed with the appearance of finely crafted carpentry.
- ▶ Precision reflectors and diffusing elements produce comfortable ambient light along with a highly functional reading light.
- ▶ Small scale design complements architecture with minimal impact on space.
- ▶ The direct and indirect components are fully isolated and separately switchable using a pull chain, bedside controller, or wall switch.
- ▶ Heavy-duty extruded aluminum housing ensures superior durability while providing crisp design detail.
- ▶ Anti-microbial white finish is standard.
- ▶ This fixture is proudly made 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** – 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 board. 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.

**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	WATTAGE	EFFICACY (lm/W)
Uplight			
P24	2410	23.0	105.0
Downlight			
P24	2516	23.0	109.6

### TUNABLE WHITE

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
Uplight			
P24	2328	24.6	94.6
Downlight			
P24	2431	24.6	98.7

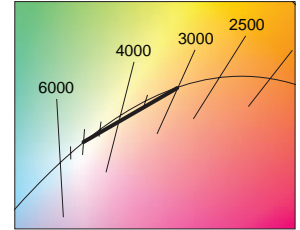
## MULTIPLIER TABLES

### STANDARD

CCT	CONVERSION FACTOR
2700K	0.94
3000K	0.96
3500K	0.97
4000K	1.00
5000K	1.03

### TUNABLE WHITE

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

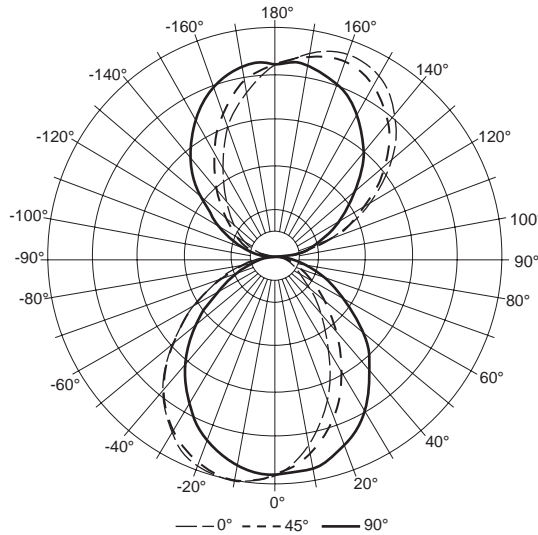


- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Results based on 4000K standard, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

## PHOTOMETRY

### CBCL-4-P24U/P24D/840-AF125

Total Luminaire Output: 4927 lumens | 46 Watts; Efficacy: 107 lm/W

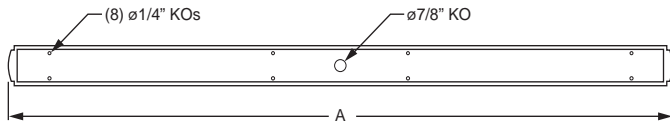


Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	45°	90°	135°	180°	
0	1056	1056	1056	1056	1056	
5	996	1015	1053	1090	1088	100
15	824	895	1010	1095	1107	279
25	602	713	914	1048	1061	405
35	387	524	777	938	947	455
45	229	348	608	766	774	429
55	127	215	428	562	570	350
65	56	109	267	362	379	240
75	15	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	

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

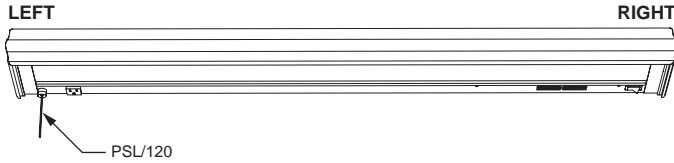
## FIXTURE DETAILS

### BACK VIEW

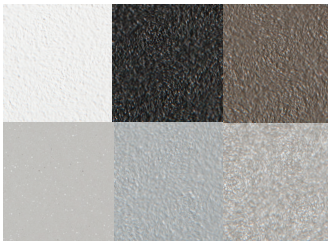


NOMINAL LENGTH	ACTUAL LENGTH	WEIGHT (APPROX.)
4'	49-5/16"	14 lbs.

### OPTIONS



White (Standard)    Black    Bronze



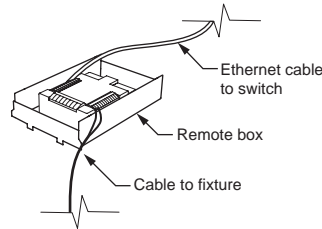
## REMOTE MOUNT DETAILS

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.

### NODE



### NODE AND EM OPTION

