

# CORNICE BED LIGHT

# CB

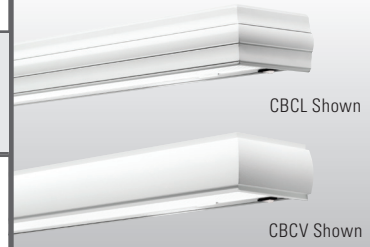
tunable **WHITE**

CATALOG #:	TYPE:
PROJECT:	NOTES:

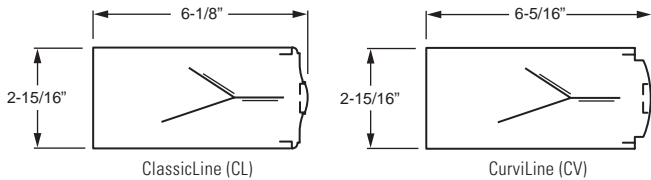
EXAMPLE

**CB CL - 4 - L40U / L40D / 8TW - AF125 - OPTIONS - DALI - UNV**

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



## CROSS SECTIONS



## ORDERING INFORMATION

**SERIES**  
**CB** Cornice Bed light – Tunable White

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

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

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

EXAMPLE: L40U/L40D/8TW			
LUMEN PACKAGE	NOMINAL LUMENS	UP OR DOWN LIGHT	TOTAL WATTAGE
L25	2,500	U or D	55
L40	4,000		91

Nominal lumen output based on 4000K CCT. Actual lumens may vary +/-5%, see fixture performance data. Additional LED lumen packages available, see options.

**CRI & CCT**  
**8TW** 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). Low-voltage controllers available. See page 3 for details.  
**GLR** Fuse, fast blow (specify voltage, one per driver)  
**(L\_ \_)** Additional lower lumen packages available, for up and down light, specify U or D. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.  
**Example:** 3,500 nominal lumens = CBCL-4-L40U/L40D/8TW-(L35D).

Specify **R** for right and **L** for left.

**NL\_** LED nightlight/chartlight(120V only)  
**NL\_/WRS/120** LED nightlight/chartlight and white rocker (120V only)  
**PS\_/120** Single-circuit pull switch (120V only) When unit is equipped with single-circuit pull switch (PSR/120 or PSL/120), pull switch operates the down light.  
**PS2\_/120** Two-circuit, 4-position pull (120V only)  
**GCO\_** Grounded convenience outlet(120V only)

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

**CONTROL**  
 See page 3 for details.  
**DALI** Driver prewired for DALI applications  
**DIM** (1) 0-10V signal to control dimming  
 (1) 0-10V signal to control CCT  
**DMX** Driver prewired for DMX applications

**VOLTAGE**  
**120** 120V  
**277** 277V  
**UNV** 120-277V

## FEATURES

- ▶ Tunable white from 3000K to 5000K CCT, minimum 80 CRI.
- ▶ 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.

tunable **WHITE**

## 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 > 60,000 hours per IES TM-21. 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).



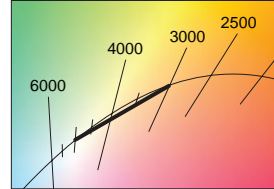
## FIXTURE PERFORMANCE DATA

LED PACKAGE	TOTAL DELIVERED LUMENS	TOTAL WATTAGE	TOTAL EFFICACY (lm/W)
L25	5090	54.7	93.0
L40	8004	91.3	87.7

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 4000K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

## MULTIPLIER TABLE

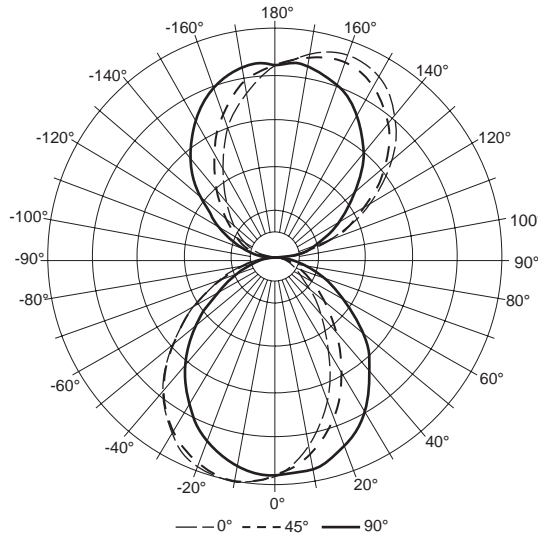
CCT	CONVERSION FACTOR	
	LUMENS	WATTAGE
3000K	0.95	1.04
3500K	0.98	1.02
4000K	1.00	1.00
5000K	0.96	1.04



## PHOTOMETRY

### CBCL-4-L40U/L40D/8TW-AF125-DALI-UNV

Report #: 19020.0; 08/06/15; Total Luminaire Output: 8004 lumens  
91.3 Watts; Efficacy: 88.0 lm/W; 83.3 84.2 CRI; 4099K CCT



Vertical Angle	Horizontal Angle					Zonal Lumens
	0°	45°	90°	135°	180°	
0	1716	1716	1716	1716	1716	
5	1618	1650	1711	1770	1767	162
15	1338	1455	1641	1780	1799	454
25	977	1158	1485	1703	1724	657
35	628	852	1262	1523	1539	739
45	372	566	987	1244	1258	698
55	206	349	696	914	926	568
65	91	177	435	589	616	390
75	24	51	206	331	352	209
85	7	7	43	120	140	71
90	6	8	15	42	63	
95	17	53	87	78	64	79
105	303	326	255	185	152	255
115	653	657	460	325	271	460
125	1016	956	673	478	397	627
135	1313	1238	933	654	550	727
145	1556	1469	1169	862	750	730
155	1675	1595	1356	1104	972	621
165	1678	1624	1483	1321	1220	415
175	1564	1564	1542	1478	1423	145
180	1521	1521	1521	1521	1521	

LUMEN SUMMARY	Zone	Lumens	% Fixture
	0 - 30		1273
0 - 40		2012	25
0 - 60		3277	41
0 - 90		3947	49
90 - 120		794	10
90 - 150		2878	36
90 - 180		4057	51
0 - 180		8004	100

## LOW-VOLTAGE CONTROLLER (DIM only, 120V or 277V only)

Bedside switch used to control dimming only, color tuning performed by alternate 0-10V control source.

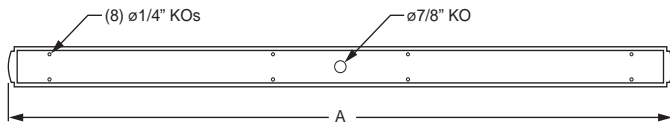
### EXAMPLE: LVC2U/D

Controller	Load 1	Load 2	Load 3
<b>LVC1</b> = 1-circuit	<b>U</b> = Up <b>D</b> = Down <b>N</b> = Nurse		
<b>LVC2</b> = 2-circuit	<b>U</b> / = Up <b>D</b> / = Down	<b>D</b> / = Down <b>N</b> / = Nurse	
<b>LVC3</b> = dimming control	<b>DIMU</b> / = Uplight, 0-10 dimming <sup>1</sup> <b>DIMD</b> / = Downlight, 0-10 dimming <sup>1</sup>	<b>U</b> / = Up <b>D</b> / = Down <b>N</b> / = Nurse	<b>N</b> = Nurse
	<b>DIMU/DIMD</b> = Uplight and downlight, 0-10 dimming <sup>1</sup>		

<sup>1</sup> Smooth dimming of the load utilizing a single, dry contact, momentary, normally open switch which will dim from 25% up to 100% while holding down the switch.

## FIXTURE DETAILS

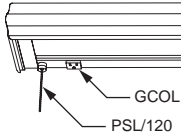
### BACK VIEW



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

### OPTIONS

#### LEFT

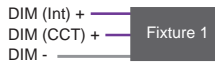


#### RIGHT



## CONTROL DETAILS

### DIM



### DALI



### DMX

