

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

Type: \_\_\_\_\_

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

**FEATURES**

- Create scalable, highly functioning smart buildings with Platformatics Power over Ethernet controls
- Tunable white from 3000K to 5000K CCT, minimum 80 CRI
- Control direct and indirect lighting independently using a pull chain or bedside controller
- 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
- Heavy-duty extruded aluminum housing ensures superior durability while providing crisp design detail
- Anti-microbial white finish is standard
- Made Right Here® in the USA

**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.
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://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](http://hew.com/poe)
- Consult factory for design support



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

**ORDERING INFO**

SERIES	STYLE	LENGTH	LUMEN PACKAGE (EXAMPLE: P24U/P24D/840)			
			LUMENS <sup>[1]</sup>	U OR D	CRI	CCT
CB	CL ClassicLine	4 4'	Specify lumen packages: <b>U</b> for Uplight and <b>D</b> for Downlight			
	CV CurvLine		P24 2,400lm	U Uplight D Downlight	8 80	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K TW Tunable white (80 CRI, 3000K-5000K)

**SHIELDING**

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

**OPTIONS <sup>[2]</sup>**

- BC** Fixture prewired for bedside controls, button functionality determined with gateway software
- PSBR** Bottom-mounted pull switch on right <sup>[4]</sup>
- PSBL** Bottom-mounted pull switch on left <sup>[5]</sup>
- PS4BR** 4-position bottom-mounted pull switch on right
- PS4BL** 4-position bottom-mounted pull switch on left

**CONTROL <sup>[3]</sup>**

- POE PR** Power over Ethernet, Platformatics-ready

**NOTES**

<sup>1</sup> Lumen output based on 4000K for single CCT and TW. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.  
<sup>2</sup> See page 3 for FINISH OPTIONS.  
<sup>3</sup> See page 3 for NODE CONNECTION DETAILS. For additional PoE info, see [hew.com/poe](http://hew.com/poe).

<sup>4</sup> Up or down functionality determined with gateway software.  
<sup>5</sup> Up or down functionality determined with gateway software.



**FIXTURE PERFORMANCE DATA**

**STANDARD**

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
<b>UPLIGHT</b>			
P24	2410	23.0	105.0
<b>DOWNLIGHT</b>			
P24	2516	23.0	109.6

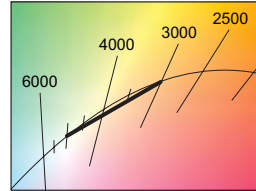
**TUNABLE WHITE**

LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
<b>UPLIGHT</b>			
P24	2328	24.6	94.6
<b>DOWNLIGHT</b>			
P24	2431	24.6	98.7

**MULTIPLIER TABLE**

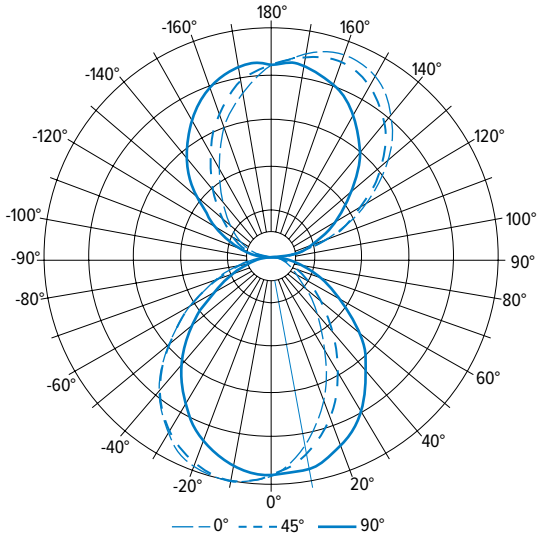
CCT	COLOR TEMPERATURE	
	LUMENS	
	STANDARD	TUNABLE WHITE
2700K	0.94	-
3000K	0.96	0.95
3500K	0.97	0.98
4000K	1.00	1.00
5000K	1.03	0.96

- 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.



**PHOTOMETRY**

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

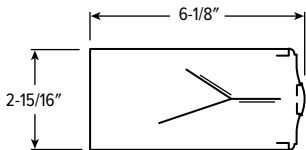


VERTICAL ANGLE	HORIZONTAL ANGLE					ZONAL LUMENS
	0°	45°	90°	135°	180°	
0	1056	1056	1056	1056	1056	
5	996	1015	1053	1090	1088	100
15	824	895	1010	1095	1107	279
25	602	713	914	1048	1061	405
35	387	524	777	938	947	455
45	229	348	608	766	774	429
55	127	215	428	562	570	350
65	56	109	267	362	379	240
75	15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

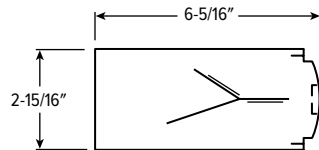
LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	0 - 30	784	16
	0 - 40	1238	25
	0 - 60	2017	41
	0 - 90	2429	49
	90 - 120	489	10
	90 - 150	1771	36
	90 - 180	2497	51
	0 - 180	4927	100

**CROSS SECTIONS**

**CLASSICLINE (CL)**

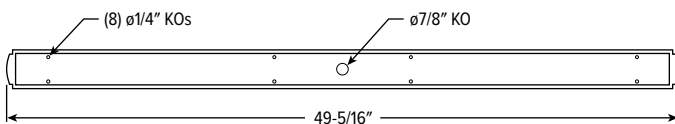


**CURVILINE (CV)**



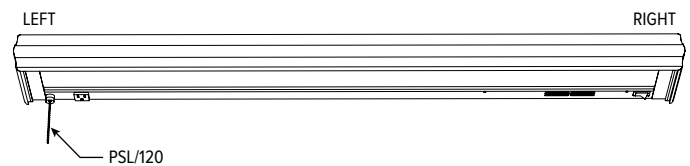
**FIXTURE DETAILS**

**BACKVIEW**

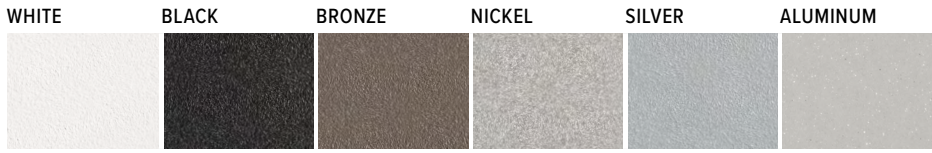


Weight: 14 lbs

**OPTIONS**



**FINISH OPTIONS**



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.

**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](http://platformatics.com/product/poe-ln2)

