



Alkco's CareWell LED eco bed light is a valuable solution for healthcare spaces. This fixture utilizes dual lamp compartments to deliver illumination without direct glare. The CareWell LED eco bed light is multi-functional and can apply for both headwall and foot-wall installation with compartment shielding options.

Project: _____
 Location: _____
 Cat.No: _____
 Type: _____
 Lamps: _____ Qty: _____
 Notes: _____

Ordering guide

Example: **ALE50L8304DSUNVDIM2-HDSR**

Family	Lumens	Color	Length	Lens	Voltage	Dimming	Options
ALE CareWell LED eco bed light	50L 5000 nominal delivered lumens, 2500 ambient, 2500 reading	830 80CRI, 3000K 835 80CRI, 3500K 840 80CRI, 4000K	4 4'	DS Diffuse	120 UNV 120V Universal Voltage 120-277	DIM1U ³ 0-10V dimming, up compartment DIM2 0-10V dimming, up and down compartment	HDSL ¹ 4-position pull cord switch for sequential control of indirect and direct lamp compartments, left end (as facing luminaire) HDSR ¹ 4-position pull cord switch for sequential control of indirect and direct lamp compartments, right end (as facing luminaire) HDSM ¹ 4-position pull cord switch for sequential control of indirect and direct lamp compartments, middle (as facing luminaire) PCSL ¹ Pull cord switch for on-off control of direct light compartment, left end (as facing luminaire) PCSR ¹ Pull cord switch for on-off control of direct light compartment, right end (as facing luminaire) PCSM ¹ Pull cord switch for on-off control of direct light compartment, middle (as facing luminaire) CO/L ¹ Grounded convenient outlet 120V only, left end (as facing luminaire) CO/R ¹ Grounded convenient outlet 120V only, right end (as facing luminaire) LVC ² Low voltage controller, Curbell #LVC-060 EMLED NL Integral emergency battery pack LED Night Light, 3.5W, 2700K
	75L 7500 nominal delivered lumens, 5000 ambient, 2500 reading	850 80CRI, 5000K					
Accessories (order separately) <input type="checkbox"/> PSC Pillow switch control (control with cord and wall plate)							

Footnotes:

1. Available in 120V only
2. LVC cannot be used with pull cords
3. DIM1U is uplight only, 2500lm (50L) or 5000lm (75L)



ALE CareWell eco LED bed light

5000 or 7500 lumens

Features

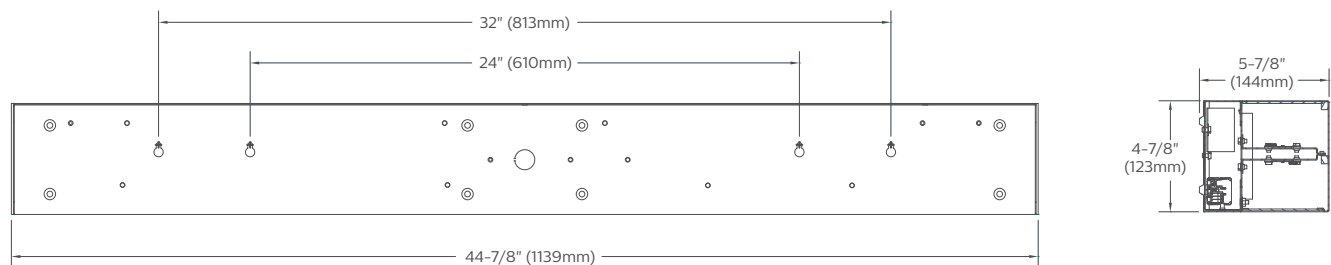
- Installation is completed in three simple steps.
- Optional 4-position pull cord switch provides sequential control of dual lamp compartments.
- Long life LEDs provide 50,000 hours of rated life (L70).
- Minimum 80 CRI LEDs.

Specifications

- **Construction:** Back plate is formed from 18 gauge galvanized steel and shroud assembly is formed from 20 gauge cold rolled steel.
- **Finish:** Shroud assembly is painted after fabrication with polyester powder coat paint.
- **Lens:** Smooth frosted acrylic lens on both sides.
- **Light Sources:** CareWell eco is available with 3000, 3500, or 4000K CCT LEDs
- **Electrical:** Class 2 LED driver is provided for each lamp compartment.
- **Wooden Casework:** Provided by others. Metal fixture only.
- **Five year limited luminaire warranty:** Includes LED boards and driver (emergency driver and batteries have a three year warranty in models so equipped). Visit www.philips.com/warranties for complete warranty information.
- **Switching:** As standard the fixture is wired for separate switching of the indirect and direct lamp compartments with switches provided by others. An optional 4-position pull cord switch (HDS) can be selected that provides sequential control of the two lamp compartments, and an optional single pull cord switch (PCS) is available for on-off control of direct lamp compartment. The pull switch is supplied with a plastic pull cord that is latex-free, stain resistant, and easy to clean with standard disinfectant. There is also an optional low voltage controller (LVC option) that is compatible with industry standard bed control systems (by others) and can be field wired for either separate or sequential switching of indirect and direct lamp compartments.
- **Installation:** Installation is completed in three easy steps. The back plate is mounted over the junction box and secured to the wall studs or with wall anchors. The shroud assembly attaches to the back plate with two screws. Decorative shroud provided by others.
- **Listing:** cETLus listed to UL and CSA standards, suitable for damp locations

General Notes

- * All options are factory installed
- * All accessories are field installed
- * Many luminaire components, such as reflectors, refractors, lenses, sockets, lampholders, and LEDs are made from various types of plastics which can be adversely affected by airborne contaminants. If sulfur based chemicals, petroleum based products, cleaning solutions, or other contaminants are expected in the intended area of use, consult factory for compatibility.



ALE CareWell eco LED bed light

5000 or 7500 lumens

Photometry

4' CareWell eco, 7500 nominal lumens, 3000K, Downlight Only

Catalog No. ALE75L8304DSUNV Test No. 34669 Source LED Color Temp. 3000K Lumens 2455 Input Watts 34 Direction Downlight Comp Yearly Energy Cost at \$0.08/KWh = \$3.29 The photometric results were obtained in the laboratory which is NVLAP accredited by the National Institute of Standards and Technology. Photometric values based on test performed in compliance with LM-79.	Candlepower				Light Distribution			Average Luminance (Cd/sq. meter)			
	Angle	End	45	Cross	Degrees	Lumens	% Luminaire	Zone	End	45	Cross
	0	934	934	934	(0-30)	712	29.0	45	7611	7456	7274
	5	921	929	937	(0-40)	1147	46.7	55	7172	7011	6740
	15	884	892	892	(0-60)	1972	80.3	65	6568	6373	6095
	25	810	808	801	(0-90)	2456	100.0	75	5531	5334	5109
	35	705	697	683							
	45	581	569	556							
	55	444	434	418							
	65	300	291	278							
75	155	149	143								
85	33	33	33								
Coefficients of Utilization EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)											
Ceil	80			70			50				
Wall	70	50	30	70	50	30	50	30			
RCR											
0	118	118	118	115	115	115	111	111			
1	109	104	100	106	102	97	97	94			
2	98	91	84	96	89	82	85	81			
3	91	80	71	88	79	70	76	68			
4	82	70	63	81	69	61	67	59			
5	77	64	55	73	63	54	60	53			
6	70	57	48	68	56	47	55	46			
7	66	52	44	64	51	42	50	41			
8	60	47	39	59	46	39	46	38			
9	56	44	35	56	42	34	41	34			
10	54	40	33	52	40	32	39	32			

4' CareWell eco, 7500 nominal lumens, 3000K, Uplight Only

Catalog No. ALE75L8304DSUNV Test No. 34671 Source LED Color Temp. 3000K Lumens 4933 Input Watts 66 Direction Uplight Comp Yearly Energy Cost at \$0.08/KWh = \$3.24 The photometric results were obtained in the laboratory which is NVLAP accredited by the National Institute of Standards and Technology. Photometric values based on test performed in compliance with LM-79.	Candlepower				Light Distribution			Coefficients of Utilization EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)																	
	Angle	End	45	Cross	Degrees	Lumens	% Luminaire	Ceil	80			70			50										
	85	0	0	0	(90-120)	924	18.7	Wall	70	50	30	70	50	30	50	30									
	95	53	47	54	(90-130)	1697	34.4	RCR																	
	105	290	279	272	(90-150)	3472	70.4	0	118	118	118	115	115	115	111	111									
	115	588	569	551	(90-180)	4934	100.0	1	109	104	100	106	102	97	97	94									
	125	887	863	840	(0-180)	4935	100.0	2	98	91	84	96	89	82	85	81									
	135	1174	1150	1125								3	91	80	71	88	79	70	76	68					
	145	1438	1417	1394								4	82	70	63	81	69	61	67	59					
	155	1665	1653	1638								5	77	64	55	73	63	54	60	53					
165	1831	1834	1829								6	70	57	48	68	56	47	55	46						
175	1920	1930	1929								7	66	52	44	64	51	42	50	41						
																	8	60	47	39	59	46	39	46	38
																	9	56	44	35	56	42	34	41	34
																	10	54	40	33	52	40	32	39	32

Buy American Act of 1933 (BAA):

This product is manufactured in one of our US factories and, as of the date of this document, this product was considered a commercially available off-the-shelf (COTS) item meeting the requirements of the BAA. This BAA designation hereunder does not address (i) the applicability of, or availability of a waiver under, the Trade Agreements Act, or (ii) the "Buy America" domestic content requirements imposed on states, localities, and other non-federal entities as a condition of receiving funds administered by the Department of Transportation or other federal agencies. Prior to ordering, please visit www.signify.com/baa to view a current list of BAA-compliant products to confirm this product's current compliance.

