

Day-Brite CFI

by  Signify

Healthcare

CareWell eco
bed light

5000 or 7500 lumens



Carewell LED

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

Day-Brite / CFI CareWell LED eco bed light is a value oriented solution for resident apartments within assisted living facilities. Dual lamp compartments deliver ambient and reading illumination while eliminating debilitating direct glare. May be used for both headwall and footwall installations with an option for one compartment to be shielded.

Ordering guide

Example: **ALE50L8304DSUNVDIM2-HDSR**

Family	Lumens	Color	Length	Lens	Voltage	Dimming	Options
ALE			4	DS		—	
ALE CareWell LED eco bed light	50L 5000 nominal delivered lumens, 2500 ambient, 2500 reading 75L 7500 nominal delivered lumens, 5000 ambient, 2500 reading	830 80CRI, 3000K 835 80CRI, 3500K 840 80CRI, 4000K 850 80CRI, 5000K	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
Accessories (order separately) <input type="checkbox"/> PSC 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

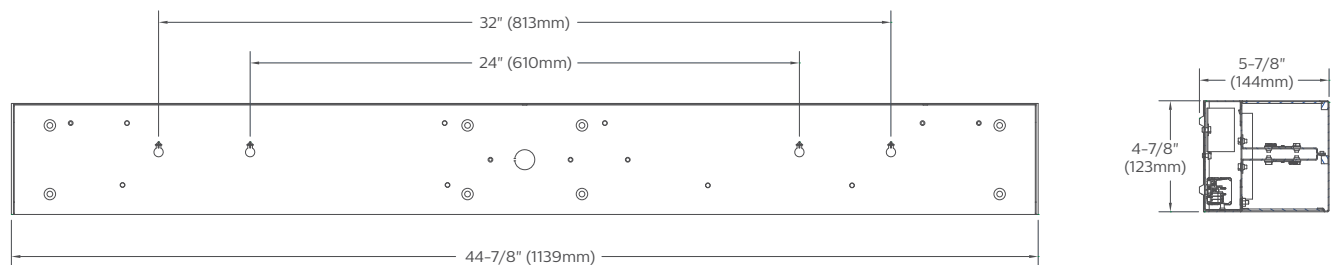
- Installation is completed in three simple steps.
- Optional 4-position pull cord switch provides sequential control of dual lamp compartments.
- Long life LEDs provide 50,000 hours of rated life (L70).
- Minimum 80 CRI LEDs.

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	Candlepower				Light Distribution			Average Luminance (Cd/sq. meter)			
Test No.	34669	Angle	End	45	Cross	Degrees	Lumens	% Luminaire	Zone	End	45	Cross
Source	LED	0	934	934	934	(0-30)	712	29.0	45	7611	7456	7274
Color Temp.	3000K	5	921	929	937	(0-40)	1147	46.7	55	7172	7011	6740
Lumens	2455	15	884	892	892	(0-60)	1972	80.3	65	6568	6373	6095
Input Watts	34	25	810	808	801	(0-90)	2456	100.0	75	5531	5334	5109
Direction	Downlight	35	705	697	683				85	3516	3474	3453
		45	581	569	556							
		55	444	434	418							
		65	300	291	278							
		75	155	149	143							
		85	33	33	33							
Comp Yearly Energy Cost at \$0.08/KWh = \$3.29												
The photometric results were obtained in the Day-Brite laboratory which is NVLAP accredited by the National Institute of Standards and Technology.												
Photometric values based on test performed in compliance with LM-79.												

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

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

