

# Day-Brite

## CFI

by  Signify

### Linear

Cubelite linear wall

T8, T5, or T5HO, 2', 3', or 4'



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

The Day-Brite / CFI Cubelite Wall Bracket features a smooth opal or prismatic acrylic lens and is available in lengths of 2', 3', and 4'. It is ideal for corridor, stairwell, or vanity applications.

#### Ordering guide

Example: CSW248VBUNV-1/2-EB

Family	Lamp Qty	Length/Wattage	Lens	Voltage	Options
<b>CSW</b>				—	
<b>CSW</b> Cubelite Linear Wall	1 1 lamp 2 2 lamp	14 14WT5 (22") 24 17WT8 (24") 24HO 24WT5HO (22") 28 28WT5 (46") 36 25WT8 (36") 48 32WT8 (48") 54 54WT5HO (46")	<b>ZO</b> Opal acrylic <b>DB</b> Prismatic 50% DR	<b>UNV</b> 120-277V <b>120</b> 120V <b>277</b> 277V <b>347</b> 347V	<b>B</b> Black painted housing <b>9</b> Tamper resistant <b>K</b> Pull chain right (120V only) <b>L</b> Pull chain left (120V only) <b>CO</b> Convenience outlet (120V) <b>1/1</b> One 1-lamp ballast <b>1/2</b> One 2-lamp ballast <b>2/1</b> Two 1-lamp ballasts <b>EB</b> Electronic ballast, <20% THD <b>EB10I</b> T8 electronic ballast, instant start, <10% THD <b>EB10R</b> Electronic ballast, program rapid start, <10% THD <b>EBHE</b> T8 electronic ballast, high efficiency, std. ballast factor <b>EBLHE</b> T8 electronic ballast, high efficiency, low ballast factor <b>EBHHE</b> T8 electronic ballast, high efficiency, high ballast factor <b>EBSD</b> T8 Electronic ballast, step dimming, std. (.88) ballast factor <b>EBD</b> <b>Electronic dimming ballast</b> <b>ESNOLP</b> Electronic ballast for energy savings (25/28/30W) T8 lamps, use when lamps are not specified with luminaire <b>E1</b> DEB-1 emerg. ballast, T8, 350-450 lumens, 120/277V <b>E1CAN</b> DEB-1 emerg. ballast, Canada market, T8, 350-450 lumens, 120/347V <b>E7</b> DEB-7 emerg. ballast, T8, 600-700 lumens <b>E5*</b> DEB-5 emerg. ballast, US or Canada market, T8, 1100-1400 lumens, 120/277V <b>E5CAN*</b> DEB-5 emerg. ballast, Canada market, 1100-1400 lumens, 120/347V <b>E5ST*</b> DEB-5ST emerg. ballast w/self test, T8, 1100-1400 lumens <b>E7LP*</b> DEB-7LP emerg. ballast T8/T5/T5HO, 430-700 lumens <b>E6LP*</b> DEB-6LP emerg. ballast, US or Canada Market, T8/T5/T5HO, 750-1325 lumens, 120/277V <b>GLR#</b> Fusing, fast blow (# = number of ballasts)

\*4' models only.

#### Accessories (order separately)

- **CSWCPL** – Luminaire coupler (white)
- **CSBCPL** – Luminaire coupler (black)

#### Replacement lenses (order separately)

- **LN11670** – 2' ZO
- **LN16782** – 2' VB
- **LN11669** – 3' ZO
- **LN16783** – 3' VB
- **LN11665** – 4' ZO
- **LN16784** – 4' VB
- **LN26212** – 2' DB
- **LN26213** – 3' DB
- **LN26214** – 4' DB

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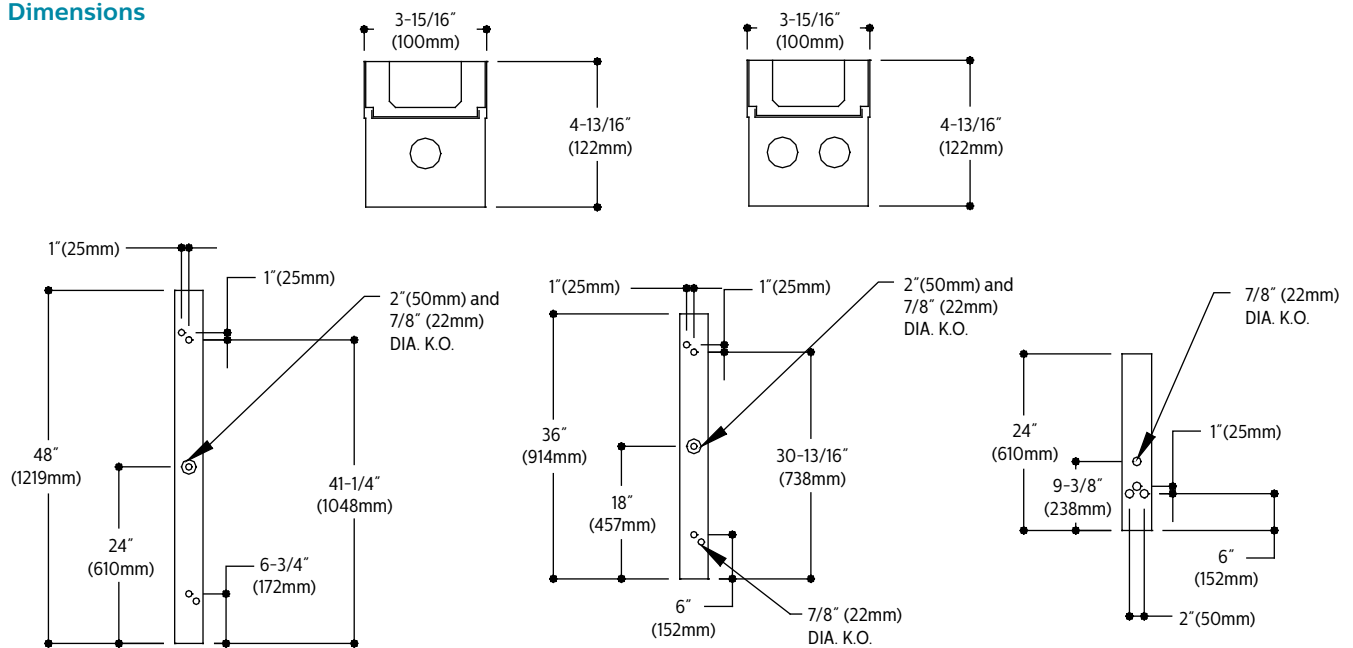
## Features

- Only 4-13/16" deep.
- Suitable for mounting on low density surfaces.
- Suitable for individual or continuous row mounting (see accessories section for required couplers).
- Ideal for corridors, washrooms, storage areas, and stairwells.
- Can be wall or ceiling mounted.
- Can be used in conjunction with occupancy sensors.
- Convenience outlet optional (CO) for 120V configurations only.
- Spring-loaded end cap.
- Right (K) or left (L) pull chain options are available for 120V configurations only.
- White painted housing standard. Black painted (B) housing optional.
- Tamper resistant (9) option includes TR15 Torx-head screws, recommended for use with DB lens.

## Specifications

- **Materials:** Chassis Parts—Die-formed code gauge cold rolled steel.
- **Finish:** Phosphate undercoating, baked white acrylic enamel.
- **Lens:** Three available lenses with extruded virgin acrylic diffuser.
  - Smooth opal acrylic diffuser (ZO) with 0.060" thickness.
  - Prismatic lens (DB) with 50% DR, 0.125" thickness.
- **Electrical:** Electronic HPF ballast, thermally protected class "P" ballast. If K.O. is within 3" of ballast, use wire suitable for at least 90°C.
- **Labels:** cCSAus listed. Suitable for damp locations.

## Dimensions



## Mounting methods



Spring-loaded end cap.

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## Photometry

### Cubelite Wall Bracket 2 lamp T5

Efficiency – 89.5%

LER – 84

TER – 63

		Candlepower				Light Distribution				Average Luminance			
Catalog No.	CSW248DBUNV-1/2-EB	Angle	End	45	Cross	Degrees	Lumens	% Lamp	% Luminaire	Angle	End	45'	Cross
Test No.	LSC9660	0	617	617	617	0-30	551	9.3	10.4	45	8430	3107	6844
S/MH	2.0	5	650	638	631	0-40	926	15.7	17.5	55	8885	2055	5326
Lamp Type	32WT8	15	641	767	810	0-60	1658	28.1	31.3	65	10382	1245	4765
Lumens/Lamp	2950	25	600	829	896	0-90	2652	44.9	50.0	75	12375	973	5216
Ballast Factor	0.88	35	540	803	904	90-180	2652	44.9	50.0	85	15110	0	9058
Input Watts	56	45	423	718	890	0-180	5304	89.9	100.0				
		55	267	606	896								
		65	176	552	966								
		75	118	557	1020								
		85	69	543	1047								
		95	69	543	1047								
		105	118	557	1020								
		115	176	552	966								
		125	267	606	896								
		135	423	718	890								
		145	540	803	904								
		155	600	829	896								
		165	641	767	810								
		175	650	638	631								
Comparative yearly lighting energy cost per 1000 lumens – \$2.86 based on 3000 hrs. and 5.08 pwr KWH.													

Coefficients of Utilization									
EFFECTIVE FLOOR CAVITY REFLECTANCE 20 PER (pfc=0.20)									
pcc	80			70			50		
pw	70	50	30	70	50	30	50	30	
RCR									
0	95	95	95	89	89	89	75	75	
1	85	81	76	78	73	69	61	58	
2	77	68	63	70	64	57	53	48	
3	69	59	53	64	56	48	46	41	
4	64	53	45	57	48	41	40	35	
5	57	46	39	53	44	36	36	30	
6	54	41	34	48	39	32	33	27	
7	50	38	29	45	34	28	29	23	
8	46	34	27	41	32	25	27	22	
9	42	30	23	39	28	23	25	20	
10	40	28	22	36	27	20	23	17	



Some luminaires use fluorescent or high intensity discharge (HID) lamps that contain small amounts of mercury. Such lamps are labeled, "Contain Mercury" and/or the symbol "HG". Lamps that contain mercury must be disposed of in accordance with local requirements. Information regarding lamp recycling and disposal can be found at [www.lamprecycle.org](http://www.lamprecycle.org)

