

# PHILIPS Day-Brite CFI

Linear

Cubelite  
Linear Wall

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



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

The Philips Day-Brite / Philips 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
<input type="text" value="CSW"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/> - <input type="text"/>	<input type="text"/>
CSW 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")	ZO Opal acrylic DB Prismatic 50% DR	UNV 120-277V 120 120V 277 277V 347 347V	B Black painted housing 9 Tamper resistant K Pull chain right (120V only) L Pull chain left (120V only) CO Convenience outlet (120V) 1/1 One 1-lamp ballast 1/2 One 2-lamp ballast 2/1 Two 1-lamp ballasts EB Electronic ballast, <20% THD EB10I T8 electronic ballast, instant start, <10% THD EB10R Electronic ballast, program rapid start, <10% THD EBHE T8 electronic ballast, high efficiency, std. ballast factor EBLHE T8 electronic ballast, high efficiency, low ballast factor EBHHE T8 electronic ballast, high efficiency, high ballast factor EBSD T8 Electronic ballast, step dimming, std. (.88) ballast factor EBD Electronic dimming ballast ESNOLP Electronic ballast for energy savings (25/28/30W) T8 lamps, use when lamps are not specified with luminaire E1 DEB-1 emerg. ballast, T8, 350-450 lumens, 120/277V E1CAN DEB-1 emerg. ballast, Canada market, T8, 350-450 lumens, 120/347V E7 DEB-7 emerg. ballast, T8, 600-700 lumens E5* DEB-5 emerg. ballast, US or Canada market, T8, 1100-1400 lumens, 120/277V E5CAN* DEB-5 emerg. ballast, Canada market, 1100-1400 lumens, 120/347V E5ST* DEB-5ST emerg. ballast w/self test, T8, 1100-1400 lumens E7LP* DEB-7LP emerg. ballast T8/T5/T5HO, 430-700 lumens E6LP* DEB-6LP emerg. ballast, US or Canada Market, T8/T5/T5HO, 750-1325 lumens, 120/277V GLR# 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

# CSW Cubelite Linear Wall

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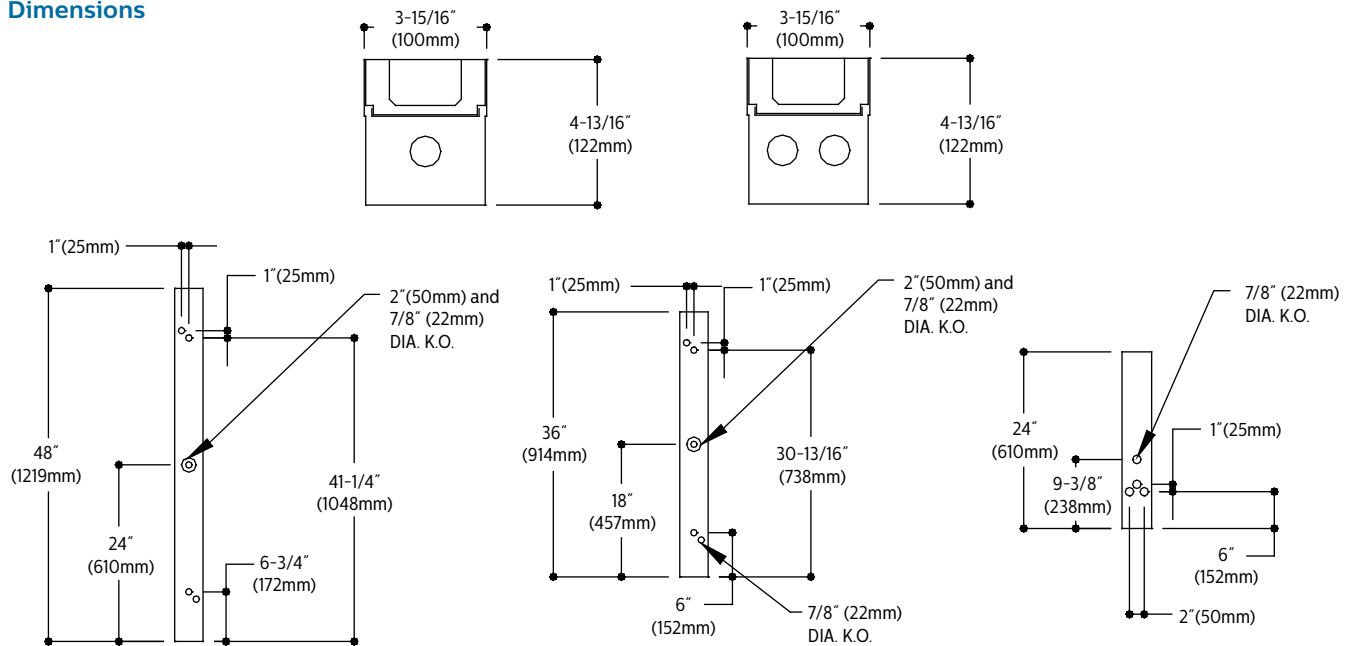
## Features

- 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.

# CSW Cubelite Linear Wall

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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 – <b>\$2.86</b> 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)

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