

# Day-Brite

## CFI

by  Signify

### Special Application

CRFDD series recessed flange

Cleanroom  
T5, T5HO, or T8



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

The Day-Brite / CFI CRFDD series recessed flange troffer is a cleanroom luminaire with drop down door designed to meet the criteria for critical environments in recessed mount applications.

#### Ordering guide

Example: CRFDD14-232-UNV-A-1/2-EB

Family	No. of Lamps	Lamp Type <sup>1</sup>	Voltage	Lens Type	No. of Ballasts	Ballast Type	Options
CRFDD14	1x4	2 Two lamps	14	14WT5 (24")	UNV	Universal voltage, 120-277V	A .125 Prismatic Acrylic
CRFDD22	2x2	3 Three lamps	17	17WT8 (24")	120	120V	B .125 DR Prismatic Acrylic
CRFDD24	2x4	4 Four lamps (2x2 & 2x4)	24HO	24WT5HO (24")	277	277V	C .140 DR Prismatic Acrylic
		6 Six lamps (2x4)	28	28WT5 (48")	347	347V	D .187 DR Prismatic Acrylic
			32	32WT8 (48")			E .125 Prismatic Polycarbonate
			54HO	54WT5HO (48")			F .187 Prismatic Polycarbonate
							G .156 Prismatic Tempered Glass
							H .156 Prismatic Polycarbonate
							UV .007 UV Absorbing Overlay
					1/2	One 2 lamp ballast	EB Electronic ballast, <10% THD, T8 instant start, T5 rapid start
					1/3	One 3 lamp ballast	EB1OR Electronic ballast, T8 rapid start, <10% THD
					1/4	One 4 lamp ballast	SB Specified ballast
					2/1	Two 1 lamp ballasts	E7 860 emerg. ballast, T8, 600-700 lumens, 120/277V <sup>2,3</sup>
					2/2	Two 2 lamp ballasts	E5 850 emerg. ballast, U.S. or Canada market, T8, 1100-1400 lumens, UNV <sup>2,3</sup>
					2/3	Two 3 lamp ballasts	E7LP LP550 emerg. ballast T5/T5HO, 430-700 lumens, 120/277V <sup>2,3</sup>
					1/21	2 lamp & 1 lamp ballasts	E6LP LP600 emerg. ballast U.S. or Canada market, T5/T5HO, 750-1325 lumens, 120/277V <sup>2,3</sup>
					1/42	4 lamp & 2 lamp ballasts	SS Stainless steel housing, brushed stainless steel door
							SSD CRS housing, brushed stainless steel door
							ALUM .050" painted aluminum housing and door
							ADP CRS housing, .050" painted aluminum door
							GLR Fusing, fast blow
							AG Agion™ antimicrobial protection in powder coat paint (white finish only)
							NLF7 7W PL Night Light <sup>2,3</sup>
							NLEDS LED nightlight <sup>3</sup> (120V only)

#### Accessories (order separately)

- PF-CRFDD14 1x4 Plaster Frame
- PF-CRFDD22 2x2 Plaster Frame
- PF-CRFDD24 2x4 Plaster Frame

#### Footnotes

- <sup>1</sup> Lamps supplied by others.
- <sup>2</sup> Specify voltage.
- <sup>3</sup> Limited availability in 2 ft. luminaire. Consult factory.

#### General Notes

- 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.



# CRFDD Recessed flange troffer

Cleanroom, T5, T5HO, or T8

## Standards

- ETL (US/Canada) Wet Location listed,
- Suitable for Class 100, 1,000, 10,000, 100,000 environments,
- NSF2 Food Zone/Non-Contact and Splash Zone.

## Construction/Finish

- 18-gauge cold rolled steel "hole-free" housing with welded seams. Optional stainless steel or aluminum housing available.
- 18-gauge one-piece cold rolled steel drop down door with safety cables. Optional brushed stainless steel or aluminum door available.
- Captive stainless steel Phillips flat head fasteners are standard.
- Standard baked white polyester powder coat paint finish. Multi-stage pretreatment process. Salt spray 1,000 hours.

## Lens

- Standard .125" prismatic acrylic lens with smooth side exposed to facilitate cleaning. Optional lensing shown below.
- Continuous formed channels for positive lens retention.
- Lens and door sealed with closed cell neoprene sponge door and lens gasketing.

## Electrical

- Standard Class P sound rated A electronic ballasts. Other ballast options available.

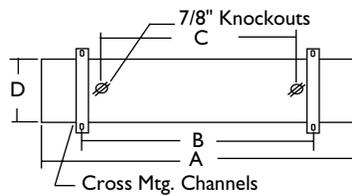
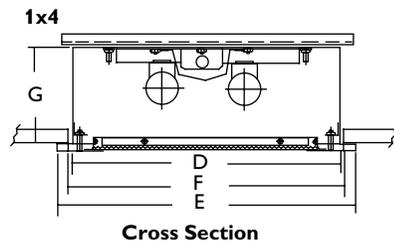
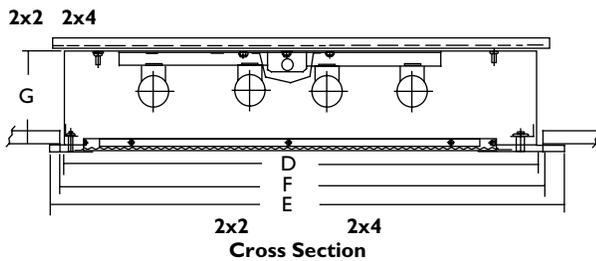
## Installation

- Cross mounting channels supplied. Support above plenum by others. For more information on channels, see spec sheet VRS-9510.
- Not suitable for grid ceilings.
- Optional plaster frame available. For more information on plaster frames, consult spec sheet VRS-9500.
- Flattened 7/8" knocks in top and ends of housing.

## Option

- Agion™ Antimicrobial protection using silver technology inhibits bacterial colonization on metal interior and exterior surfaces. Agion™ antimicrobial FDA recognized and EPA registered, meeting all applicable EPA standards. Only available with standard white finish.

## Dimensions



Size	A	B	C	D	E	F	G
14	48.125"	38"	32"	11.5"	12.5"	12"	4.5"
22	23.813"	21"	16"	23.5"	25"	24"	4.5"
24	48.125"	38"	32"	23.5"	24.5"	24"	4.5"



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)

