

Day-Brite

CFI

by  Signify

Special Application

Bio-Seal

Cleanroom
T8, T8HO, T5, or T5HO



Project: _____

Location: _____

Cat.No: _____

Type: _____

Lamps: _____ Qty: _____

Notes: _____

Day-Brite / CFI Bio-Seal recessed is a cleanroom luminaire designed for the most demanding biological, chemical, immunological, or food chemistry laboratories.

Ordering guide

Example: BA244F32G3AP31-1/4-EB

Family	Size	No. of Lamps	Lamp Type	Ceiling Type	Overlap Door Frame (1 piece)	Lens Type	Voltage	No. of Ballasts	Ballast Type	Options											
BA	Painted Aluminum	14	1'x4'	2	2 lamp	F17	17WT8	G	1", 1/2" Grid	3	CRS Painted White	AP3	.125" Acrylic	U	Universal voltage, 120/277V	1/2	One 2-lamp ballast	EB	Electronic ballast <10% THD	TP	Tamper Resistant Screws
		22	2'x2'	3	3 lamp	F32	32WT8	F	Flange	5	Brushed 304 Stainless	VPL	Sealed Louver	1	120V	2/1	Two 1-lamp ballasts	EB10R	T8 electronic ballast, program rapid start, <10% THD	DN	Lens Furnished With Prisms Down Flange Row Mounting Hardware
		24	2'x4'	4	4 lamp (2x2 & 2x4)	F44	44WT8HO	SM	Surface Mount	7	Aluminum Painted White	C73	Tempered Prismatic Glass	2	277V	1/3	One 3-lamp ballast			E7	Battery Operated Emergency System. Not suitable for applications below 0°C (32°F)
B4	Stainless Steel	24	2'x4'	6	6 lamp (2x4)	F14	14WT5	TA	Top Access (NA in T8)					3	347V	1/21	2-lamp & 1-lamp ballasts			NSF	National Sanitation Foundation Certified. Not available with C73 lens
				2	2 lamp	F28	28WT5					1/4	One 4-lamp ballast								
				2	2 lamp	F54	54WT5HO					2/2	Two 2-lamp ballasts								
B5	Painted Steel	24	2'x4'	2	2 lamp	F17	17WT8	G	1", 1/2" Grid	3	CRS Painted White	AP3	.125" Acrylic	U	Universal voltage, 120/277V	1/2	One 2-lamp ballast	EB	Electronic ballast <10% THD	TP	Tamper Resistant Screws
				3	3 lamp	F32	32WT8	F	Flange	5	Brushed 304 Stainless	VPL	Sealed Louver	1	120V	2/1	Two 1-lamp ballasts	EB10R	T8 electronic ballast, program rapid start, <10% THD	DN	Lens Furnished With Prisms Down Flange Row Mounting Hardware
				4	4 lamp (2x2 & 2x4)	F44	44WT8HO	SM	Surface Mount	7	Aluminum Painted White	C73	Tempered Prismatic Glass	2	277V	1/3	One 3-lamp ballast			E7	Battery Operated Emergency System. Not suitable for applications below 0°C (32°F)

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.

BA/B4/BS BioSeal recessed

Standards

- NSF option available.
- Class 10 to 10,000 cleanrooms.
- IP66.
- Certified to meet UL 1598 standards for wet location..
- Suitable for 1" or 1.5" grid or flange mounting.
- Lens is available in .125" thick prismatic acrylic or tempered glass and is silicone sealed to door frame.
- Door is secured to housing with captive stainless steel screws on 12" centers and chain hung for ease of maintenance.
- Seismic support mounting is standard.

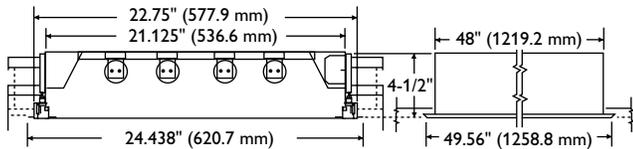
Construction/Finish

- Available in a variety of sizes and materials to meet multiple needs.
- Lighter weight aluminum version eliminates corrosion and reduces installation costs.

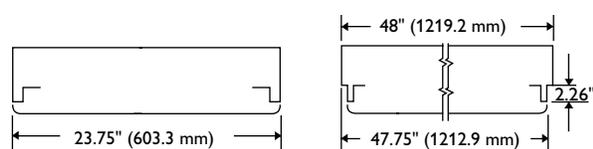
Dimensions

Ceiling Opening Flange Type	
1x4	10-7/8" x 48-1/4"
2x2	22-7/8" x 24-1/8"
2x4	22-7/8" x 48-1/8"

flange



grid



Note: For technical information or codes and classifications, see PDFs Tech1-Tech5 online.

Product Availability

Luminaire Size	Lamp Type	No. of Lamps
1x4	F32, F28	2, 3
2x4	F32, F28	2, 3, 4, 6
2x4	F44, F54	2, 3, 4
2x2	F14, F17	2, 3, 4



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

