

SURFACE MOUNTED

BHFC

BEHAVIORAL HEALTHCARE



WITH CLAMSHELL HOUSING
FOR AN EXTRA LEVEL OF
PROTECTION.



Ligature Resistant



Inset door only. Pick-proof caulk required.

The **BHFC** combines maximum security construction and modern, energy saving technology. ETL listed for damp locations; optional wet location under covered ceiling. This surface mounted luminaire utilizes a one-piece housing, security lensing and tamper-resistant fasteners to maximize impact resistance and prevent contraband concealment and unauthorized fixture penetration. The BHFC is ideal for confinement/security applications. Suitable for use in behavioral health settings, secure corridors and general areas.

HOUSING: Die-formed body in various material options with continuous welded and ground ends to form a one piece, seamless housing for maximum impact resistance and prevention of unauthorized fixture penetration.

DOOR: One-piece door frame with die-formed edges and tightly closed corners increases rigidity. Door gauge to match housing. Door is attached to the housing with stainless steel aircraft cables. Piano Hinge option available.

DOORFRAME GASKET: One-piece closed cell silicone gasket seals doorframe to housing for wet location option.

FASTENERS: Stainless steel tamper-resistant T20 TORX screws with center pin are standard. Allen-head screws with center reject pin are optional. Both are available in white as an option.

ELECTRICAL SYSTEM: Electronic driver 0-10V 1% dimming standard. Long-life LED system rated for >100K hours (L70 @ 25°C). Complies with federal energy efficiency standards.

OPTICAL SYSTEM: Choice of prismatic acrylic, prismatic polycarbonate or prismatic tempered glass on fixture side, clear polycarbonate or clear tempered glass on environmental side. Lens secured by thru-studs and vertically adjustable internal CRS holdowns.

LISTINGS: ETL listed for damp locations. Wet location option available.

FINISH: High gloss, electrostatically applied, white powder coat finish, average minimum reflectance 92%

LED: 80 CRI or 90 CRI LEDs available in 2700K, 3000K, 3500K, 4000K and 5000K. LED Life is >100,000 hours at 70% lumen maintenance.

WARRANTY: 5-Year Limited Warranty. Complete warranty and terms located at: www.aelnow.com/warranty

Ordering Information on Next Page ►

ORDERING INFORMATION:

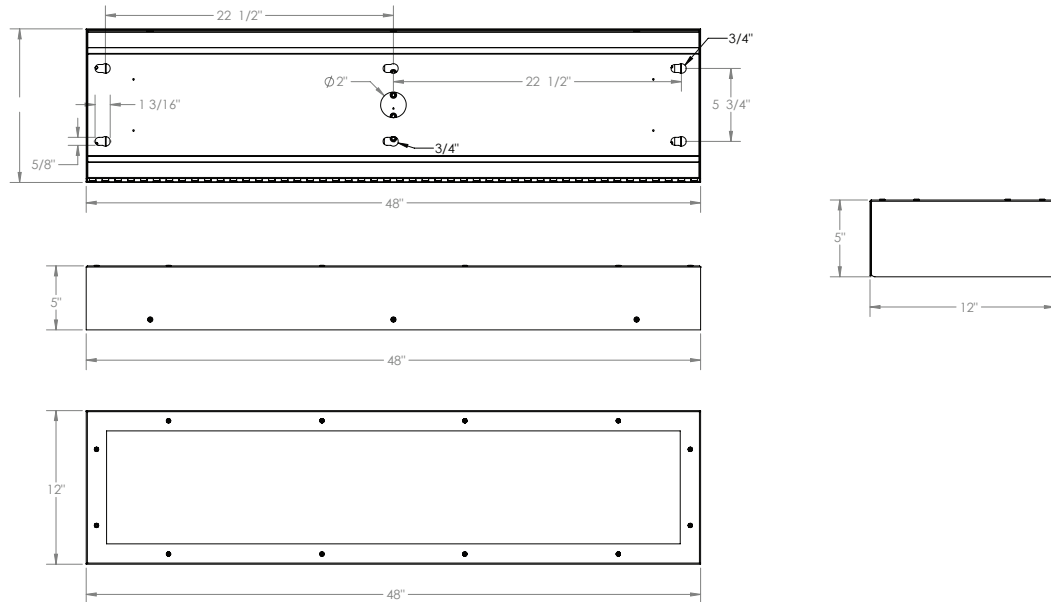
Example: BHFC-12-40-5L-B18-B18-FA-187P-M-AH

SERIES		SIZE		CCT		OUTPUT		HOUSING MATERIAL		DOOR MATERIAL		DOOR TYPE		
BHFC		11	1x1	27	2700K		1L	1000 lm/ft	B12	12 Gauge Coild Roll Steel	B12	12 Gauge Cold Roll Steel	INS	Inset Door
		12	1x2	30	3000K		2L	2000 lm/ft	B14	14 Gauge Cold Roll Steel	B14	14 Gauge Cold Roll Steel	OVL	Overlap Door*
		14	1x4	35	3500K		3L	3000 lm/ft	B16	16 Gauge Cold Roll Steel	B16	16 Gauge Cold Roll Steel		
		22	2x2	40	4000K		4L	4000 lm/ft	B18	18 Gauge Cold Roll Steel	B18	18 Gauge Cold Roll Steel		
		24	2x4	50	5000K		5L	5000 lm/ft	B20	20 Gauge Cold Roll Steel	SH14	14 Gauge Stainless Steel		
							6L	6000 lm/ft	SH14	14 Gauge Stainless Steel	SH16	16 Gauge Stainless Steel		
							XXXL	Custom Lumens	SH16	16 Gauge Stainless Steel	SH18P	18 Gauge Stainless Steel (Painted)		
								SH18P	18 Gauge Stainless Steel (Painted)	SHB14	14 Gauge Stainless Steel (Brushed)			
								SHB14	14 Gauge Stainless Steel (Brushed)	SHB16	16 Gauge Stainless Steel (Brushed)			
								SHB16	16 Gauge Stainless Steel (Brushed)	SHB18	18 Gauge Stainless Steel (Brushed)			
								SHB18	18 Gauge Stainless Steel (Brushed)					
								ALH	.063" Aluminum					
INNER LENS		OUTER LENS		VOLTAGE		DRIVER		OPTIONS						
N	No Lens	125P	.125 Clear Polycarbonate	M	120/277VAC	BLANK	0-10V 1% Dimming Driver (included standard)	14EBL	14 Watt Emergency Ballast					
PA125	.125 Prismatic Acrylic (inverted)	156P	.156 Clear Polycarbonate	HV	347-480VAC	CD5	0-10V 5% to Off Dimming Driver	AH	Allenhead Screws with center pin reject (STAINLESS)					
PA156	.156 Prismatic Acrylic (inverted)	187P	.187 Clear Polycarbonate			EDN	Electronic Driver Non-Dimming	AHW	Allenhead Screws with center pin reject (WHITE)					
FA	.125 Frosted Acrylic	250P	.250 Clear Polycarbonate			DALI	1% Dimming Driver	NL	LED Night Light					
PP125	.125 Prismatic Polycarbonate (inverted)	375P	.375 Clear Polycarbonate			LDE1	Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology	FZ	Fuse Holder					
PP187	.187 Prismatic Polycarbonate (inverted)	500P	.500 Clear Polycarbonat					WL	Wet Location					
		CTG187	.187 Clear Tempered Glass					90	90 CRI					
		CTG250	.250 Clear Tempered Glass					VDO	Lutron Vive Integral RF controller with daylight and occupancy sensing.					
SY	Symmetric Diffused Frosted DR Acrylic	CTG375	.375 Clear Tempered Glass					AM	Anti-Microbial Paint					
		CTG500	.500 Clear Tempered Glass					PH	16 Gauge Full Length Piano Hinge Door Frame					

Other options and configurations are available. Consult factory for details.

DIMENSIONS

1x4



2x2

