

RECESSED BHEU

LINEAR
RECESSED
MUD FLANGE



Ligature-Resistant



The BHEU is an ligature-resistant, vandal proof LED linear light designed for Behavioral Health facilities. The BHEU is designed with safety and longevity in mind. From the heavy gauge US steel body, inset doorframe, tamper proof hardware, and a wide variety of options, this luminaire meets many requirements.

HOUSING: Constructed of heavy gauge steel, featuring a gasketed and sealed inset doorframe. Torx head tamper proof screws standard. Inner satin lens with high impact clear polycarbonate outer lens. Available with multiple finish options.

MOUNTING: Mounts into drywall ceilings via mud flange.

ELECTRICAL SYSTEM: Electronic, standard 0-10V, 1% dimming driver. Long-life LED system rated for >100K hours (L70 @ 50°C). Complies with federal energy efficiency standards. 80 CRI or 90 CRI LEDs available in 2700K, 3000K, 3500K, 4000K and 5000K.

OPTICAL SYSTEM: High output LED's available in 2700K, 3000K, 3500K, 4000K, and 5000K. CRI >82 with 90 CRI available. Inner satin lens with high impact clear polycarbonate outer lens provides for a vandal proof fixture, while maintaining optimal light output.

LISTINGS: Independently tested to IESNA LM-79 and LM-80 specifications. ETL and cETL listed. IP65 rated. Manufactured in the USA, BAA and BABA compliant.

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

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ORDERING INFORMATION

Example: BHEU-4-30-7L-M-W-14EBL

SERIES	SIZE	CCT	OUTPUT	VOLTAGE	FINISH	OPTIONS
BHEU	4 4 feet 8 8 feet XX CUSTOM	27 2700K 30 3000K 35 3500K 40 4000K 50 5000K	4L 500 lm/ft (S, Standard Low) 7L 700 lm/ft (HS, High Standard) 10L 1000 lm/ft (M, Medium) 15L 1500 lm/ft (HM, High Medium) XX Custom Lumens	M Multi-Volt (120-277VAC)	W White SP Special	14EBL 14 Watt Emergency Ballast 90 90 CRI
CROSS MEU						

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

Dimensions on Next Page ►

ENERGY AND PERFORMANCE DATA

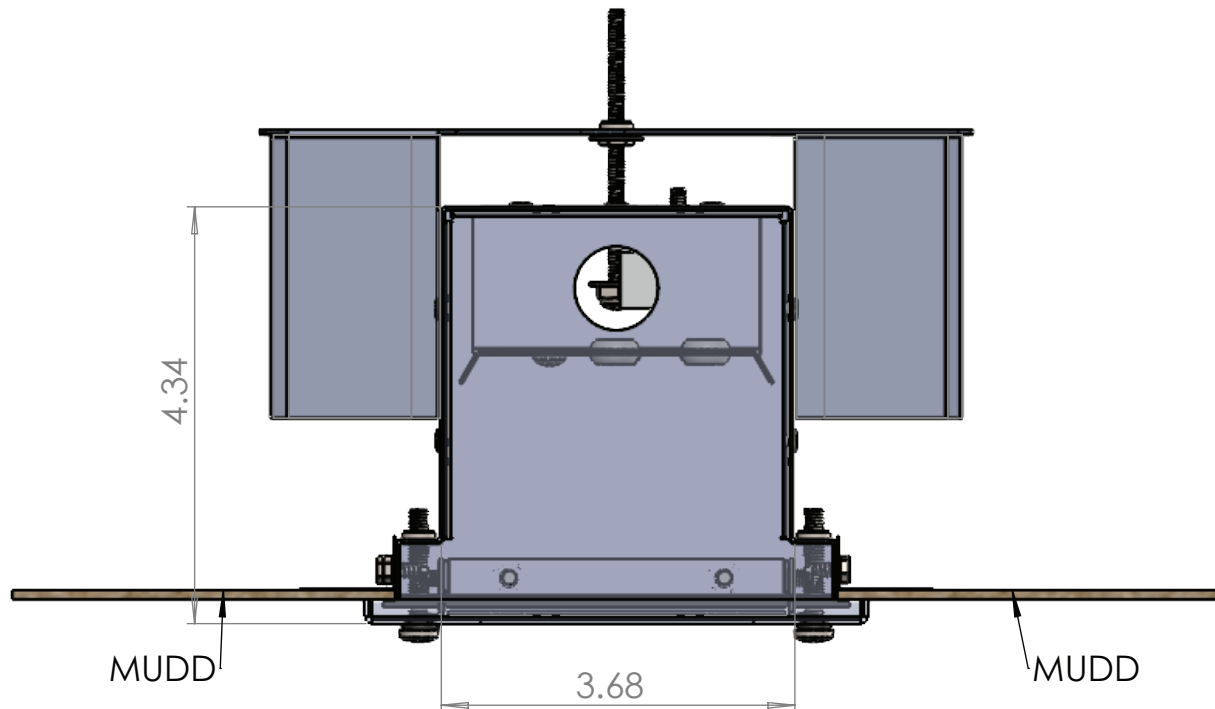
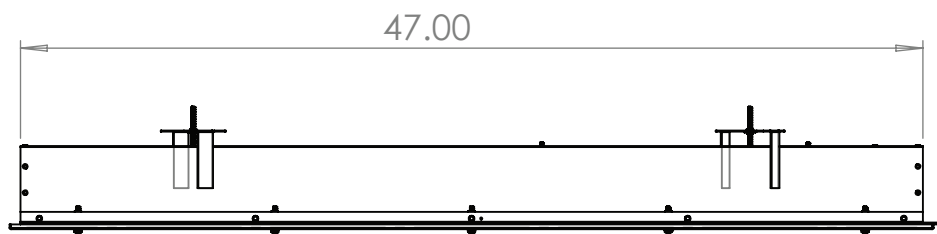
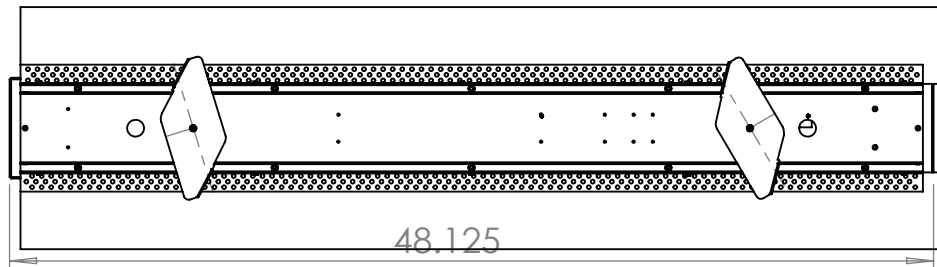
INPUT VOLTAGE:	120/277VAC
SYSTEM INPUT POWER:	3.3 TO 10.3 PER FT.*
DELIVERED LUMEN OUTPUT:	500 - 1500 LUMENS
STANDARD DIMMING CONTROL:	0-10V
CCT:	3000, 3500, 4000, 5000 KELVIN
CRI:	82 (MINIMUM)
LIFE TIME RATING:	>100,000 HRS @ L70
INPUT FREQUENCY:	50/60 HZ
POWER FACTOR:	>0.9
OPERATING TEMP:	-30° TO 50° C

APPROXIMATE COLOR TEMPERATURE MULTIPLIER

5000K	X	1.03
4000K	X	1
3500K	X	.97
3000K	X	.94
2700K	X	.91

PART#	DELIVERED LUMENS	WATTS	L70 @ 20C (HRS)
5L	500 LUMENS	3.3 WATTS PER FT.	>100K
7L	700 LUMENS	5.1 WATTS PER FT.	>100K
10L	1000 LUMENS	6.9 WATTS PER FT.	>100K
15L	1500 LUMENS	10.3 WATTS PER FT.	>100K

*ACTUAL WATTAGE MAY DIFFER BY ±5% WHILE OPERATING 120/277V ±10%



CUT OUT WIDTH 4 15/16"

CUT OUT LENGTH 47 1/4"