

Part #	Prepared By
Project	Notes
Type	
Date	



BHW vHealth® Behavioral Health Wall

LED Linear Architectural Luminaire 2000 - 8000 Lumens



Description

The vHealth® BHW luminaire is a wall mounted luminaire that provides a bold architectural look to provide comfortable, bright general lighting. Acrylic frosted lens hides the LED arrays and provides excellent glare control. The luminaire comes with an optional three way pull chain for uplight, downlight, or up and down light operation. Easy to install.

Construction

ELECTRICAL SYSTEM

- System delivered lumen : 2000 - 8000 lumens
- Up Light only, Down Light only or Up / Down Light operation
- 80 CRI , 90+ CRI available
- Standard 0-10V dimming driver
- 120V-277V Input Volts
- Minimum 50,000 hour lifetime at L70
- Optional CURBELL pillow speaker interface
- Ambient Temperature Temperature:-20 ~ 40 °C(-22 °F to +104°F)
- Surge protector
- Power factor: >0.9

OPTICS & OPTIONS

- Acrylic translucent diffuser
- Emergency battery backup
- Sensor

FRAME & MOUNTING

- Marine grade aluminum with white finish, Other colors optional
- White painted parts are treated with a five-stage phosphate bonding process and finished with high reflectance baked enamel.
- Acrylic translucent diffuser is snapped into housing.
- White anti-microbial paint standard
- Easy to clean

Warranty & Notes

- 5-year limited warranty on LED module and driver
- ETL tested and listed to UL1598 standards

Features

- Anti Ligature design
- Vandal resistant fasteners
- Impact resistant lens



Ordering Information

EXAMPLE: BHW-48L-60W-DMV

Series	Mounting	Size	Wattage	Driver	Kelvin (CCT)	Finish	Options*	Accessories*
BHW	Blank - Wall Mount	24L - 24"	20W - 2000 Lumens (up or down) 40W - 4000 Lumens (up and down)	DMV - 0-10V Dimming D1MV - 0-10V Dimming <1% G120 - TRIAC dimming	80CRI 30K - 3000K 35K - 3500K 40K - 4000K 90+ CRI 930K - 3000K 935K - 3500K 940K - 4000K	BLANK - Antimicrobial Paint White AMxx - Antimicrobial Custom Color	EM PS PC	SS
		36L - 36"	20W - 2000 Lumens (up or down) 40W - 4000 Lumens (up or down) 60W - 6000 Lumens (up and down)					
		48L - 48"	40W - 4000 Lumens (up or down) 60W - 6000 Lumens (up and down) 80W - 8000 Lumens (up and down) BC35W - 4000 Lumens (up or down) BC70W - 8000 Lumens (up nd down)					

*Notes
24L - Max 4000lms
36L - Max 6000lms
PC - Optional Pull Chain operation
PS - Compatible with CURBELL Pillow Top Control
EM20 - Emergency battery back-up 20W (remote)
SS - Sensor.
BCxxW - BioSinc(R) White color tuning 2700K - 5000K

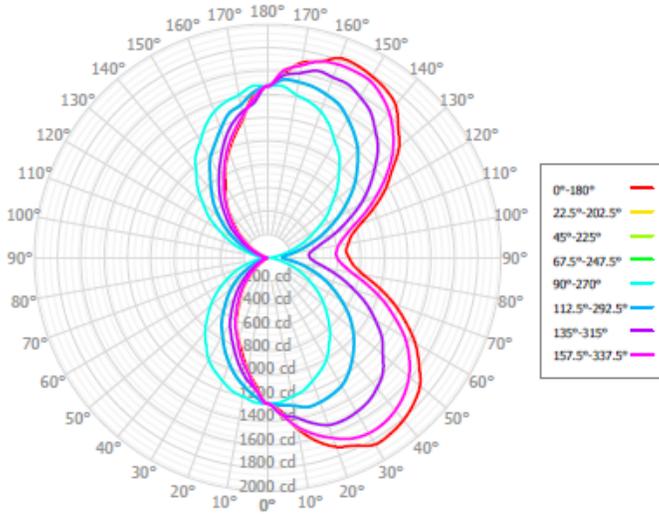
*UP and DOWN Operation

PLEASE NOTE: For up and down operation, the lumen distribution ratio from up to down is 50 / 50.

IE. 8000 lumen up and down operation will result in 4000lms up, and 4000lms down.
Compatibility with controls allows for the up to be operated independently from down.

Photometric

Luminous Intensity Distribution Curve



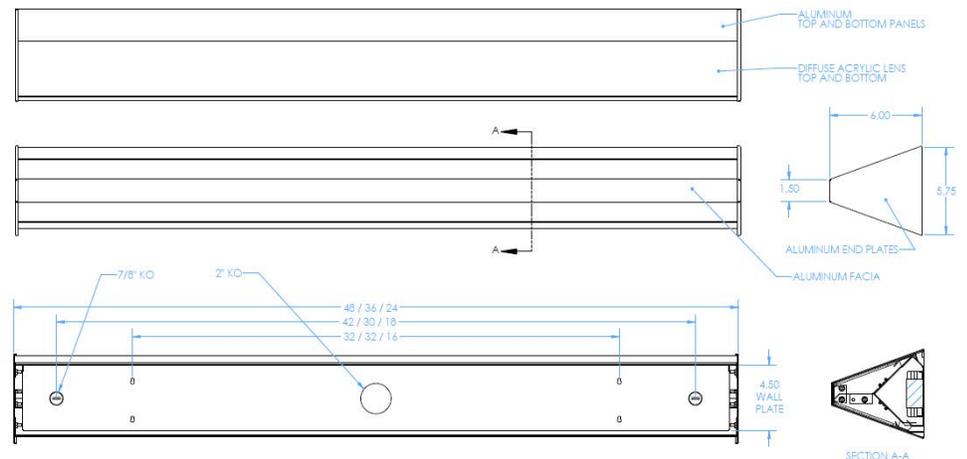
Performance Data Table

Static White

size	lumen level	delivered lumens	watts	efficacy
24L	2000	2083	18.0	115.7
	4000	4102	33.2	123.6
36L	2000	2086	17.8	117.2
	4000	4149	32.6	127.3
48L	2000	2080	17.6	118.2
	4000	4166	32.2	129.4
	6000	6148	46.4	132.5
	8000	8082	63.0	128.3

BioSync Tunable White

size	lumen level	delivered lumens (3500K)	watts	efficacy
24L	2000	1944	17.0	114.3
	4000	3938	34.4	114.5
36L	2000	2019	17.0	118.7
	4000	4012	34.4	116.6
48L	2000	2092	17.0	123.1
	4000	4087	34.4	118.8
	6000	6081	51.8	117.4
	8000	8076	69.6	116.0



Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.

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