

## CORNER MOUNTED

# BHL

**HIGH  
ABUSE BEHAVIORAL  
HEALTHCARE**

**BEHAVIORAL  
HEALTH** + VANDAL  
RESISTANT



With .187 Poly lens

**Ligature-Resistant**



Horizontal Configuration Only

The **BHL** Series is an architecturally designed surface mount LED fixture. It is available for continuous run mounting. The BHL utilizes state-of-the-art LED technology to deliver the highest possible efficiency in the lighting industry. The BHL is impact resistant and prevents unwanted fixture penetration. Suited for schools, behavioral health facilities, stairwells, corridors, detention centers, and public transportation areas. Ligature-resistant when mounted with top of fixture and at least 3 sides flush with ceiling/walls, and the addition of pick-proof sealant caulk is used on all edges (see next page for illustrated example).

**CONSTRUCTION:** One-piece die-formed prime grade material as specified. Corners continuously seam welded and smooth. Knockouts can be ordered through ordering options. Tether for LED tray also available as an option.

**FASTENERS:** Stainless steel tamper resistant T25 torx head screws.

**OPTICAL SYSTEM:** The fixture is provided with a precision formed, high efficiency symmetrical reflector to provide exceptional downward throw. Choice of inner diffusing lens material, and outer polycarbonate lens material. If additional lenses are required, consult factory.

**ELECTRICAL SYSTEM:** Electronic drivers are available for 120/277V applications, 0-10v dimming standard. Long-life LED system rated for >100K life hours (L70 @ 45°C). Complies with federal energy efficiency standards. 90 CRI available as an option.

**MOUNTING:** This fixture is designed for corner / wall / ceiling mounting, where the wall and ceiling meet.

**LISTINGS:** Independently tested to IESNA LM-79 and LM-80 specifications. ETL and cETL Listed. Damp location rated. IP65 rated with option WL. Manufactured in the USA, BAA and BABA compliant.

**WARRANTY:** 5 - Year Limited Warranty. Complete warranty and terms located at: [www.aelnow.com/warranty](http://www.aelnow.com/warranty)

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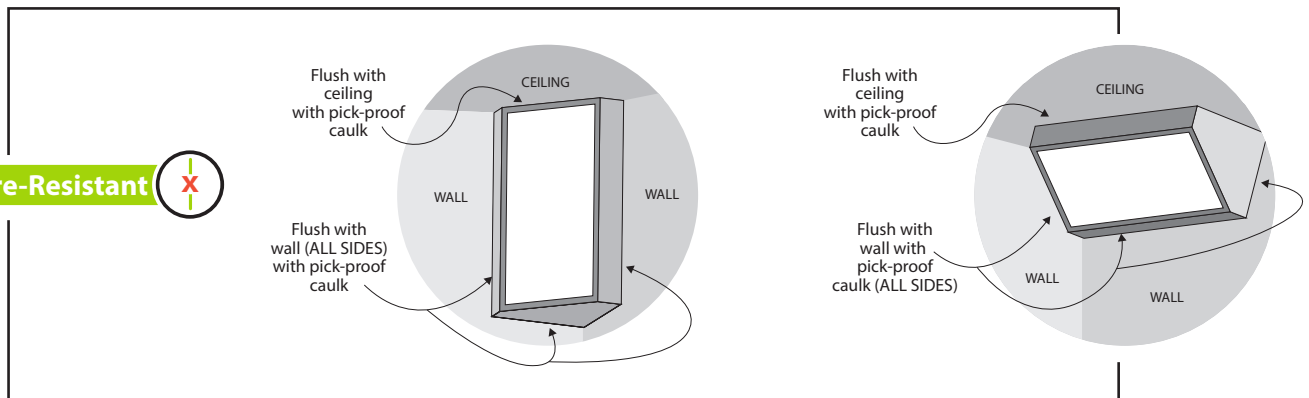


### ORDERING INFORMATION

Example: BHL-8-40-11L-SH14-125C-125P-W-M-THR

| SERIES     | LENGTH (FT.)     | CCT      | ILLUMINATION LEVEL | HOUSING/DOORFRAME             | INNER LENS                             | OUTER LENS                    |
|------------|------------------|----------|--------------------|-------------------------------|----------------------------------------|-------------------------------|
| BHL        | 2 2'             | 30 3000K | 4L 4000 Lumens     | B14 14 Gauge Cold Roll Steel  | N No Lens                              | N No Lens                     |
|            | 4 4'             | 35 3500K | 8L 8000 Lumens     | B16 16 Gauge Cold Roll Steel  | 125C .125 Prismatic Acrylic (inverted) | 125P .125 Clear Polycarbonate |
|            | 8 8'             | 40 4000K | 11L 11000 Lumens   | SH14 14 Gauge Stainless Steel | CP25 .125 Prismatic Polycarbonate      | 156P .156 Clear Polycarbonate |
|            | XX Length in Ft. | 50 5000K | 12L 12000 Lumens   | SH16 16 Gauge Stainless Steel | CP87 .187 Prismatic Polycarbonate      | 187P .187 Clear Polycarbonate |
|            |                  |          | 13L 13000 Lumens   |                               | TG .156 Prismatic Tempered Glass       | 25P .250 Clear Polycarbonate  |
| CROSS; BAL |                  |          | 16L 16000 Lumens   |                               | 156C .156 Prismatic Acrylic (inverted) | 375P .375 Clear Polycarbonate |
|            |                  |          | XX Custom Lumens   |                               |                                        | F1 .187 Clear Tempered Glass  |
|            |                  |          |                    |                               |                                        | G1 .250 Clear Tempered Glass  |
|            |                  |          |                    |                               |                                        | H1 .375 Clear Tempered Glass  |
|            |                  |          |                    |                               |                                        | J1 .500 Clear Tempered Glass  |

| FINISH                 | VOLTAGE                    | DRIVER                                                                                     | OPTIONS                                                                     |
|------------------------|----------------------------|--------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| W White                | M Multi-Volt<br>(120-277V) | BLANK 0-10V 1% Dimming Driver (included standard)                                          | 14EBL 14 Watt Emergency Ballast                                             |
| SP Custom              |                            | CD5 0-10V 5% to Off Dimming Driver                                                         | EC Emergency Circuit                                                        |
| AM Antimicrobial Paint |                            | EDN Electronic Driver Non-Dimming                                                          | VDO Lutron Vive Integral RF controller with daylight and occupancy sensing. |
|                        |                            | DALI 1% Dimming Driver                                                                     | NL Night Light                                                              |
|                        |                            | LDE1 Lutron Hi-lume 1% EcoSystem LED driver with Soft-on, Fade-to-Black dimming technology | KO1 Knockout One Side                                                       |
|                        |                            |                                                                                            | KO2 Knockout Both Sides                                                     |
|                        |                            |                                                                                            | 90 90 CRI                                                                   |
|                        |                            |                                                                                            | TDF Tethered door frame                                                     |
|                        |                            |                                                                                            | WL Wet Location (IP65)                                                      |
|                        |                            |                                                                                            | IPH Full Length Internal Piano Hinge Door Frame                             |



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### ENERGY AND PERFORMANCE DATA

|                           |                               |
|---------------------------|-------------------------------|
| INPUT VOLTAGE:            | 120/277VAC                    |
| SYSTEM INPUT POWER:       | 25.0 - 111 WATTS*             |
| DELIVERED LUMEN OUTPUT:   | 4500 - 13000 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                 |

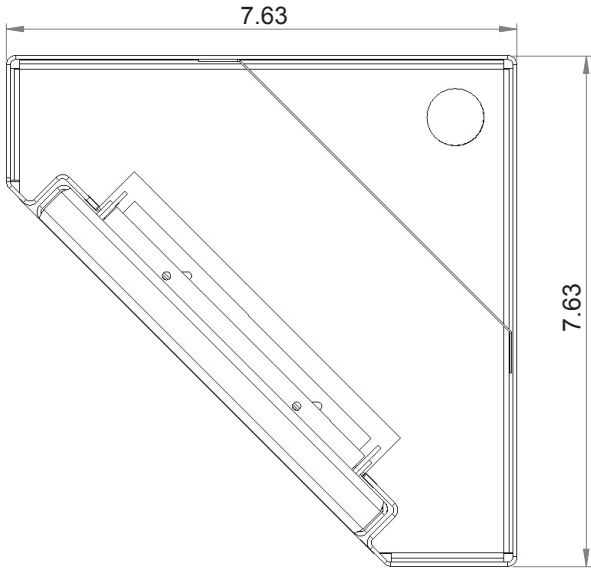
### APPROXIMATE COLOR TEMPERATURE MULTIPLIER

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

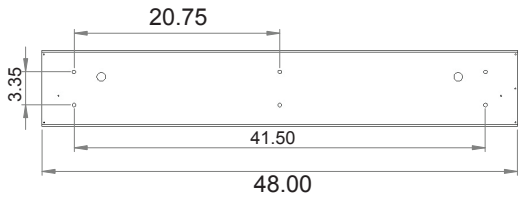
| PART# | DELIVERED LUMENS | WATTS | L70 @20C (HRS) |
|-------|------------------|-------|----------------|
| 4L    | 4000             | 25.0  | >100K          |
| 8L    | 8000             | 55.2  | >100K          |
| 11L   | 11000            | 79.1  | >100K          |
| 12L   | 12000            | 83.2  | >100K          |
| 13L   | 13000            | 90.1  | >100K          |
| 16L   | 13000            | 111   | >100K          |

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

**DIMENSIONS**



BAL4



BAL8

