

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- Small fixture profile allows inconspicuous placement in coves or confined spaces
- Choice of diffuse and prismatic lenses
- Flat lens provides even illumination and minimizes glare
- Row applications produce continuous light with minimal interruption between fixtures
- Variety of surface and suspended mounting accessories
- Maximize energy savings with efficacies as high as 183 lm/W
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING** – 22-gauge die-formed C.R.S.
- FINISH** – 92% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
- SHIELDING** – Diffuse matte acrylic, .080" thick.
- ELECTRICAL** – High quality mid-power LED board. Rated for 50,000 hours at 70% lumen maintenance (L70). 25°C maximum ambient operating temperature.
- MOUNTING** – Surface (ceiling or wall) or suspended.
- LISTINGS** –
 - cETLus conforms to UL STD 1598. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.
- WARRANTY** – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: 75L - 4 - L65/835 - DMA - OPTIONS - DIM - UNV

ORDERING INFO

| SERIES | LENGTH ^[1] | LUMENS ^[2] | CRI | CCT | SHIELDING |
|--------|-----------------------|-----------------------|---------------------|----------|---|
| 75L | 2 2' | 2' | 8 80 | 27 2700K | DMA Diffuse matte acrylic, .080" thick |
| | 4 4' | L10 1,000lm | 9 90 ^[3] | 30 3000K | AF12125 Frosted acrylic, pattern #12, .125" thick |
| | 8 8' | L15 1,500lm | | 35 3500K | |
| | | L20 2,000lm | | 40 4000K | |
| | 4' | L32 3,000lm | | 50 5000K | |
| | | L20 2,000lm | | | |
| | L38 3,800lm | | | | |
| | L50 5,000lm | | | | |
| | L65 6,500lm | | | | |
| | 8' | L40 4,000lm | | | |
| | | L76 7,600lm | | | |
| | | L100 10,000lm | | | |
| | | | L130 13,000lm | | |

OPTIONS ^[4]

| | |
|----------|---|
| EM/10WLP | Low-profile 10-watt emergency battery ^[6] |
| EM/10WRM | Remote mount 10-watt emergency battery ^[7] |
| C2__ | Two-circuit quick-connect wiring harness. ^[8] |
| WG-75 | 11-gauge white powder coat wireguard |
| 315 | 1-1/2" ceiling spacer |
| VBV | (2) Y-hangers |
| VBV-2 | (2) Y-hangers and (2) 2' chains |
| RA-75 | Row aligner ^[9] |
| 45AMB | (2) 45° adjustable mounting brackets ^[10] |
| (L__) | Additional lower lumen packages available. ^[11] Example: 5,500 nominal lumens = 75L-4-L65/835-(L55) |

CONTROL ^[5]

| | | |
|-----|--------------------|--------------------------|
| DIM | Dimming driver | 120 120V |
| DRV | Non-dimming driver | 277 277V |
| | | UNV 120-277V |
| | | 347 347V ^[14] |

VOLTAGE

OCCUPANCY SENSORS

| | |
|--------------------------|---|
| OCCWS FSP-311-L2-120/277 | Digital high/low passive infrared with L2 lens, end mount, 120V or 277V ^[12] |
|--------------------------|---|

AIRCRAFT CABLES (EXAMPLE: ACF/D48) ^[13]

| Prefix | Type | Length |
|-------------|---------------------|--------|
| ACF/ Feeder | D 1" grid & hardpan | 24 24" |
| ACJ/ Joiner | N 9/16" grid | 48 48" |
| | S Slot grid | 96 96" |

NOTES

- For actual length, see page 3 for FIXTURE DETAILS
- Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- Extended lead times may apply. Consult factory for availability.
- See page 3 for FINISH OPTIONS. See page 3 for MOUNTING DETAILS.
- See page 2 for ADDITIONAL CONTROL OPTIONS.
- 4' and 8' only; must specify 120V or 277V. Not available with L65 and L130 lumen packages
- 2' only; must specify 120V or 277V.
- See page 2 for QUICK CONNECT OPTIONS.
- Required when row mounting with aircraft cables
- Cord recommended, ordered separately. See page 3 for MOUNTING DETAILS. Field-adjustable up and down in 7-1/2° increments. Field-adjustable up and down in 7-1/2° increments.
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- See page 4 for OCCUPANCY SENSOR DETAILS.
- Units specified with aircraft cable require cord. See page 4 for MOUNTING DETAILS. Requires RA-75 row aligner. See page 4 for MOUNTING ACCESSORIES DETAILS.
- Not available with EM drivers



FIXTURE PERFORMANCE DATA

| | | DMA LENS | | AF12125 LENS | | |
|-------------|---------|------------------|-----------------|------------------|-----------------|-------|
| LED PACKAGE | WATTAGE | DELIVERED LUMENS | EFFICACY (lm/W) | DELIVERED LUMENS | EFFICACY (lm/W) | |
| 2' | L10 | 7.0 | 1081 | 153.6 | 1244 | 176.7 |
| | L15 | 10.1 | 1532 | 152.3 | 1763 | 175.3 |
| | L20 | 14.2 | 2117 | 148.8 | 2437 | 171.2 |
| 4' | L32 | 26.0 | 3239 | 124.5 | 3728 | 143.3 |
| | L20 | 12.6 | 2011 | 159.2 | 2315 | 183.3 |
| | L38 | 31.2 | 4118 | 131.9 | 4740 | 151.9 |
| 8' | L50 | 37.2 | 4920 | 132.4 | 5663 | 152.4 |
| | L65 | 53.9 | 6613 | 122.7 | 7612 | 141.2 |
| | L40 | 29.8 | 4205 | 141.1 | 4840 | 162.4 |
| | L76 | 58.6 | 7742 | 132.1 | 8911 | 152.0 |
| | L100 | 76.8 | 10039 | 130.7 | 11555 | 150.4 |
| | L130 | 103.8 | 13090 | 126.2 | 15067 | 145.2 |

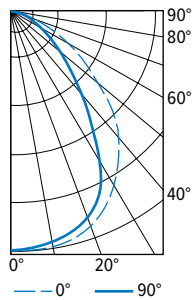
MULTIPLIER TABLE

| | | COLOR TEMPERATURE | |
|--------|-------|-------------------|-------------------|
| | | CCT | CONVERSION FACTOR |
| 80 CRI | 2700K | | 0.97 |
| | 3000K | | 0.99 |
| | 3500K | | 1.00 |
| | 4000K | | 1.03 |
| | 5000K | | 1.06 |
| 90 CRI | 2700K | | 0.80 |
| | 3000K | | 0.82 |
| | 3500K | | 0.83 |
| | 4000K | | 0.86 |
| | 5000K | | 0.89 |

- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

PHOTOMETRY

75L-4-L65/835-DMA Total Luminaire Output: 6613 lumens; 53.9 Watts | Efficacy: 122.7 lm/W | 80 CRI; 3500K CCT



| CANDLEPOWER DISTRIBUTION | VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|--------------------------|----------------|------------------|------|------|--------------|
| | | 0° | 45° | 90° | |
| | 0 | 2902 | 2902 | 2902 | |
| | 5 | 2955 | 2889 | 2832 | 274 |
| | 15 | 2829 | 2743 | 2662 | 771 |
| | 25 | 2570 | 2450 | 2319 | 1123 |
| | 35 | 2184 | 2047 | 1829 | 1266 |
| | 45 | 1748 | 1555 | 1285 | 1187 |
| | 55 | 1229 | 1058 | 864 | 948 |
| | 65 | 766 | 647 | 501 | 641 |
| | 75 | 375 | 302 | 226 | 324 |
| | 85 | 89 | 67 | 47 | 80 |
| | 90 | 0 | 0 | 0 | |

| LUMEN SUMMARY | ZONE | LUMENS | % FIXTURE |
|---------------|---------|--------|-----------|
| | 0 - 30 | 2168 | 33 |
| | 0 - 40 | 3434 | 52 |
| | 0 - 60 | 5569 | 84 |
| | 0 - 90 | 6613 | 100 |
| | 0 - 180 | 6613 | 100 |

ADDITIONAL CONTROL OPTIONS

Note: Lumen restrictions apply, consult product builder at hew.com/product-builder.

| CATALOG NUMBER | DESCRIPTION |
|-----------------|---|
| DRV | Driver prewired for non-dimming applications |
| DIM | Dimming driver prewired for 0-10V low voltage applications |
| DIM1 | 1% dimming driver prewired for 0-10V low voltage applications |
| DIM LINE | Line voltage dimming driver (TRIAC and ELV compatible, 120V only) |
| DIM TRC | Line voltage dimming driver (TRIAC compatible, 120V or 277V only) |
| SD40 | 40% step-dimming driver |
| SD50 | 50% step-dimming driver |
| DALI | DALI dimming driver |
| LTE LINE | Lutron Hi-lume 1% 2-wire dimming driver forward phase line voltage controls (120V only) |
| LDE1 | Lutron Hi-lume 1% EcoSystem dimming LED driver |
| LDE5 | Lutron 5-Series 5% EcoSystem dimming LED driver |
| ELDO SOLOB | EldoLED Solodrive, 0.1% dimming driver for 0-10V controls |
| ELDO SOLOB DALI | EldoLED Solodrive, 0.1% dimming driver for DALI controls |
| ELDO ECO1 | EldoLED Ecodrive, 1% dimming driver for 0-10V controls |
| ELDO ECO1 DALI | EldoLED Ecodrive, 1% dimming driver for DALI controls |

QUICK CONNECT OPTIONS

Note: Quick connect wiring required for row mounting. Length restrictions may apply, consult product builder at hew.com/product-builder.

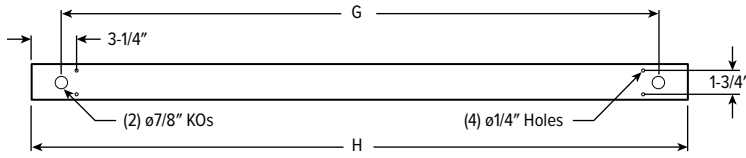
| DESIGNATION | NUMBER OF WIRES (EXCLUDING GROUND) | WIRE COLORS | WIRE COLOR/POWER SUPPLY FACTORY CONNECTIONS | TYPICAL USE |
|-------------|------------------------------------|--------------------------------|---|--|
| C2B | 3 | White, Black, Red | White, Black | Alternating Circuits |
| C2BR | 3 | White, Black, Red | White, Black, Red | ON/OFF Switching (DRV) or Line Voltage dimming (DIM LINE) when equipped w/EM Power Supply (EM/10W) |
| C2R | 3 | White, Black, Red | White, Red | Alternating Circuits |
| C2BW/R | 5 | White, Black, Red, Gray, Green | White, Black/Red, Gray | 0-10V 4-wire Low Voltage Dimming (DIM) |



75L LED Flat Lens Strip

FIXTURE DETAILS

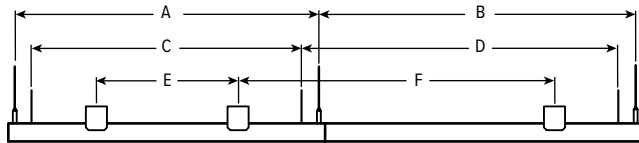
BACKVIEW



| | 7/8" KOs (G) | ACTUAL FIXTURE LENGTH (H) |
|----|--------------|---------------------------|
| 2' | 18-3/8" | 22-1/2" |
| 4' | 40-1/2" | 44-5/8" |
| 8' | 85-1/8" | 89-1/4" |

MOUNTING DETAILS

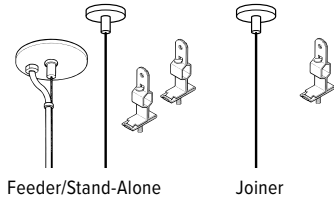
STAND ALONE



MOUNTING LENGTH

| | AIRCRAFT CABLE | | VBY HANGER | | 315 SPACER | |
|----|----------------|---------|------------|---------|------------|---------|
| | A | B | C | D | E | F |
| 2' | 21-1/2" | 22-1/2" | 19" | 22-1/2" | 10" | 22-1/2" |
| 4' | 43-5/8" | 44-5/8" | 41-1/4" | 44-5/8" | 32" | 44-5/8" |
| 8' | 88-3/16" | 89-1/4" | 85" | 89-1/4" | 77" | 89-1/4" |

STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



Notes:

- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row.
- The feeder kits are standard with a 5" canopy to cover the junction box and a 2" canopy at the non-feed point. No J-box is required at non-feed points.

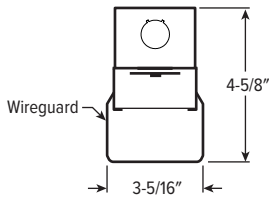
CORD FOR SUSPENDED PRODUCT

Units specified with aircraft cable require cord. Please specify cord type using ordering information below.

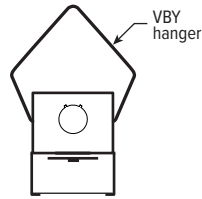
| EXAMPLE: S2438/W | | | | | |
|------------------|--------|------------|-----------|----------------------|--|
| CORD TYPE | LENGTH | # OF COND. | WIRE SIZE | COLOR | |
| S | 24 24" | 3 | 8 | /W White /B Black | |
| | 48 48" | 4 | | | |
| | 96 96" | 5 | | | |

MOUNTING ACCESSORIES DETAILS

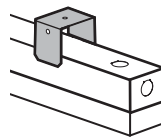
WG-75



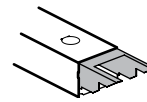
VBY



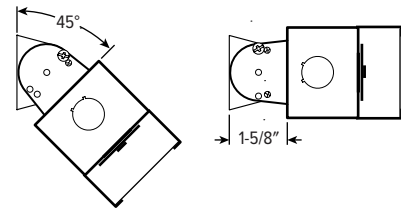
315



RA-75



45AMB



FINISH OPTIONS

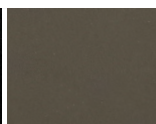
WHITE



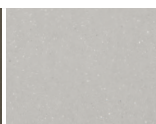
BLACK



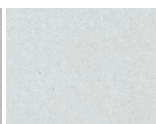
BRONZE



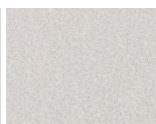
NICKEL



SILVER



ALUMINUM



For custom color, please specify RAL code or a manufacturer code with description. All custom colors other than RAL require two sample swatches, minimum 1" square.



OCCUPANCY SENSOR DETAILS

ORDERING EXAMPLE: OCCWS FSP-311-L2-120/277

FEATURES

- Fully adjustable high and low dimmed light levels.
- Designed for LED fixtures; rated for up to 200,000 on/off cycles.
- Hold-off setpoint with automatic calibration option for convenience and added energy savings.
- Adjustable via sensor configuration app.
- Adjustable time delay and cutoff delay.
- Factory set to 10% dimming at 5 minutes, cutoff at 1 hour.

SENSOR CONFIGURATION APP

Initial setup and subsequent sensor adjustments are made using the iOS or Android Sensor Configuration App. This app enables adjustment of parameters including high and low modes, sensitivity, time delay, cut off and more. The smartphone app is also used to initiate automatic calibration of the FSP-3x1B ambient light level setpoint. The setpoint is used to hold the controlled lighting off or at low level when there is sufficient daylight. The wireless tool stores an unlimited number of sensor parameter profiles to speed configuration of multiple sensors.

Visit www.wattstopper.com for more information.

LENS COVERAGE PATTERNS

L2 Coverage at 8' mounting height: ø48'

