

CATALOG #: _____

TYPE: _____

PROJECT: _____

FEATURES

- ADA Compliant design for surface, suspended, or wall applications
- Diffuser is secured continuously along luminaire sides
- Individual or continuous row mounting
- Endplate knock-out for thru feed wiring standard
- Maximize energy savings with efficacies up to 140 lm/W
- Made Right Here® in the USA

SPECIFICATIONS

- HOUSING – 22-gauge die-formed C.R.S. and riveted construction.
- SHIELDING – Frosted ribbed acrylic.
- 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.
- ELECTRICAL – High quality mid-power LED boards. See fixture performance data for lumen maintenance.
- MOUNTING – Surface, suspended, or wall.
- LISTINGS –
 - cCSAus certified as luminaire suitable for dry or damp locations.
 - ADA Compliant
- WARRANTY – 5-year limited warranty, see hew.com/warranty.

ORDERING EXAMPLE: 39 - 4 - L52/835 - A - OPTIONS - DIM - UNV

ORDERING INFO

| SERIES | LENGTH | LUMENS ^[1] | CRI | CCT | SHIELDING |
|-------------------|---------------------|--|---------------------|--|--------------------------|
| 39 Standard width | 4 4' | 4' | 8 80 | 27 2700K | A Frosted ribbed acrylic |
| 39W Wide width | 8 8' ^[2] | L30 3,000lm L52 5,200lm L84 8,400lm 8' L60 6,000lm L104 10,400lm L168 16,800lm | 9 90 ^[3] | 30 3000K 35 3500K 40 4000K 50 5000K | |

OPTIONS ^[4]

| | |
|----------|---|
| EM/10WLP | Low-profile 10-watt emergency battery |
| C2__ | Two-circuit quick-connect wiring harness. ^[6] |
| (L__) | Additional lower lumen packages available. ^[7] Example: 8,000 nominal lumens = 39-4-L84/835-(L80) |
| SS-12 | Single stem and canopy, 12" |
| SWS-12 | Swivel stem and canopy, 12" |

CONTROL ^[5]

| | |
|-----|--------------------|
| DIM | Dimming driver |
| DRV | Non-dimming driver |

VOLTAGE

| | |
|-----|---------------------|
| 120 | 120V |
| 277 | 277V |
| UNV | 120-277V |
| 347 | 347V ^[9] |

MOUNTING (EXAMPLE: AC/D48) ^[8]

| Prefix | Type | Length |
|----------|---------------------|--------|
| AC(Y12)/ | D 1" grid & hardpan | 24 24" |
| | N 9/16" grid | 48 48" |
| | S Slot grid | 96 96" |

NOTES

- ¹ Lumen output based on 3500 CCT. Actual lumens may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
- ² Ships with (2) 4' lenses.
- ³ Extended lead times may apply. Consult factory for availability.
- ⁴ See page 3 for FINISH OPTIONS. See page 3 for MOUNTING DETAILS.
- ⁵ See page 2 for ADDITIONAL CONTROL OPTIONS.
- ⁶ See page 3 for QUICK CONNECT OPTIONS. Fixtures ordered with quick-connect contain one endplate for continuous row mounting.

- ⁷ Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- ⁸ Required with suspended mount fixtures. Units specified with aircraft cable require cord. See page 3 for MOUNTING DETAILS.
- ⁹ Not available with EM drivers.



39 LED Surface or Pendant Mount Wrap

FIXTURE PERFORMANCE DATA

| | LED PACKAGE | DELIVERED LUMENS | WATTAGE | EFFICACY (lm/W) | LUMEN MAINTENANCE | | | |
|----|-------------|------------------|---------|-----------------|-------------------|--------|--------|--------|
| | | | | | L70 | L80 | L85 | L90 |
| 4' | L30 | 3027 | 22.8 | 132.6 | — | >72000 | 58,000 | 36,000 |
| | L52 | 5206 | 37.2 | 140.1 | — | >72000 | 58,000 | 36,000 |
| | L84 | 8399 | 66.0 | 127.2 | >72000 | 53,000 | 38,000 | 24,000 |
| 8' | L60 | 5882 | 42.3 | 139.1 | — | >72000 | 58,000 | 36,000 |
| | L104 | 10473 | 75.59 | 138.5 | — | >72000 | 58,000 | 36,000 |
| | L168 | 16797 | 132.03 | 127.2 | >72000 | 53,000 | 38,000 | 24,000 |

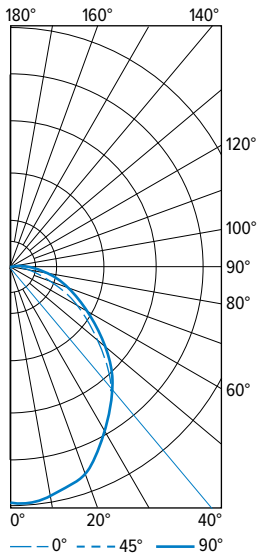
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Predicted lumen maintenance calculated from LED manufacturer IES LM-80 data and In situ temperature measurement.
- Predicted lumen maintenance calculated in accordance with IES TM-21 per Energy Star (R) TM-21 Calculator rev. 02.08.16.
- Use multiplier table to calculate additional options.

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 |

PHOTOMETRY

39W-4-L52/835-A-DIM-UNV Total Luminaire Output: 5206 lumens; 37.2 Watts | Efficacy: 140.1 lm/W | 84.3 CRI; 3531K CCT



| VERTICAL ANGLE | HORIZONTAL ANGLE | | | ZONAL LUMENS |
|----------------|------------------|------|------|--------------|
| | 0° | 45° | 90° | |
| 0 | 1990 | 1990 | 1990 | |
| 5 | 2001 | 1999 | 2000 | 189 |
| 15 | 1887 | 1892 | 1896 | 535 |
| 25 | 1676 | 1685 | 1688 | 780 |
| 35 | 1441 | 1460 | 1468 | 902 |
| 45 | 1124 | 1158 | 1177 | 883 |
| 55 | 774 | 825 | 861 | 736 |
| 65 | 486 | 550 | 618 | 547 |
| 75 | 231 | 324 | 405 | 347 |
| 85 | 59 | 169 | 246 | 178 |
| 90 | 0 | 100 | 165 | |
| 95 | 0 | 64 | 122 | 70 |
| 105 | 0 | 25 | 57 | 27 |
| 115 | 0 | 0 | 29 | 10 |
| 125 | 0 | 0 | 0 | 2 |
| 135 | 0 | 0 | 0 | 0 |
| 145 | 0 | 0 | 0 | 0 |
| 155 | 0 | 0 | 0 | 0 |
| 165 | 0 | 0 | 0 | 0 |
| 175 | 0 | 0 | 0 | 0 |
| 180 | 0 | 0 | 0 | |

| | ZONE | LUMENS | % FIXTURE |
|---------------|----------|--------|-----------|
| LUMEN SUMMARY | 0 - 30 | 1504 | 29 |
| | 0 - 40 | 2406 | 46 |
| | 0 - 60 | 4025 | 77 |
| | 0 - 90 | 5097 | 98 |
| | 90 - 120 | 107 | 2 |
| | 90 - 150 | 108 | 2 |
| | 90 - 180 | 108 | 2 |
| | 0 - 180 | 5206 | 100 |

ADDITIONAL CONTROL OPTIONS

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

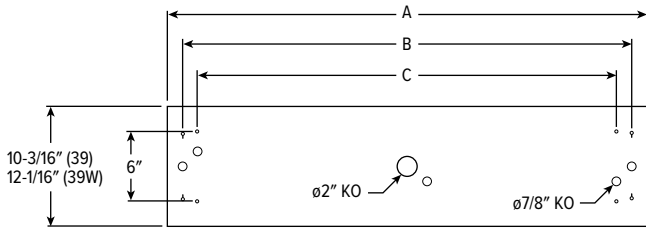
| CATALOG NUMBER | DESCRIPTION |
|-----------------|---|
| DRV | Driver prewired for non-dimming applications |
| DIM | Dimming driver prewired for 0-10V low voltage applications |
| DIM1 | 1% dimming driver prewired for 0-10V low voltage applications |
| DIM LINE | Line voltage dimming driver (TRIAC and ELV compatible, 120V only) |
| DIM TRC | Line voltage dimming driver (TRIAC compatible, 120V 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 |
| 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 |



39 LED Surface or Pendant Mount Wrap

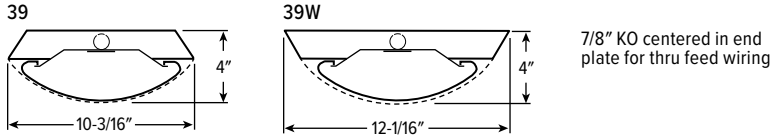
FIXTURE DETAILS

BACKVIEW



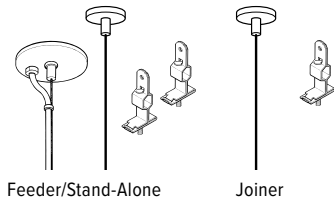
| | A (OVERALL) | B (STEM/CABLE O.C.) | C (SURFACE MOUNTING HOLES) |
|----|----------------|------------------------|-------------------------------|
| 4' | 48-1/16" | 43" | 40" |
| 8' | 96-1/16" | 91" | 88" |

CROSS SECTIONS



MOUNTING DETAILS

STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



Notes:

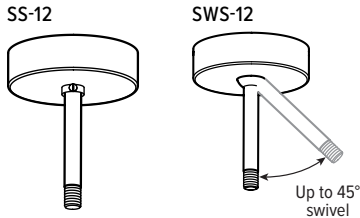
- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row.
- The feeder kits are standard with a 5" canopy to cover the 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 |
| | 48 48" | 4 | | /B Black |
| | 96 96" | 5 | | |

MOUNTING OPTIONS DETAILS

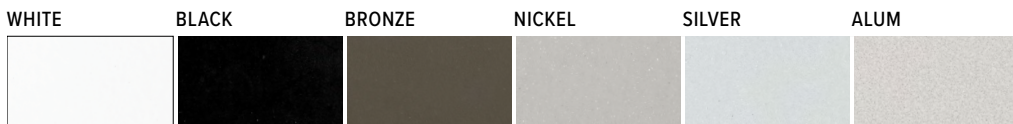


QUICK CONNECT OPTIONS

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) |

FINISH OPTIONS



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.

