

39 Shown

CATALOG #: \_\_\_\_\_

TYPE: \_\_\_\_\_

PROJECT: \_\_\_\_\_

## FEATURES

- Designed for surface or suspended 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. Rated for 50,000 hours at 85% lumen maintenance (L85).
- MOUNTING – Surface or suspended.
- LISTINGS –
  - cSAsus certified as luminaire suitable for dry or damp locations.
  - DesignLights Consortium qualified product. Not all versions of this product may be DLC qualified, see the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL)
- WARRANTY – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

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

### ORDERING INFO

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

### OPTIONS <sup>[3]</sup>

EM/10WLP	Low-profile 10-watt emergency battery
C2__	Two-circuit quick-connect wiring harness. <sup>[5]</sup>
(L__)	Additional lower lumen packages available. <sup>[6]</sup> 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 <sup>[4]</sup>

DIM	Dimming driver
DRV	Non-dimming driver

### VOLTAGE

120	120V
277	277V
UNV	120-277V
347	347V <sup>[8]</sup>

### MOUNTING (EXAMPLE: AC/D48) <sup>[7]</sup>

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

## NOTES

- 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.
- See page 3 for QUICK CONNECT OPTIONS. Fixtures ordered with quick-connect contain one endplate for continuous row mounting
- Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.
- Required with suspended mount fixtures. Units specified with aircraft cable require cord. See page 3 for MOUNTING DETAILS.
- Not available with EM drivers



## FIXTURE PERFORMANCE DATA

	LED PACKAGE	DELIVERED LUMENS	WATTAGE	EFFICACY (lm/W)
4'	L30	3027	22.8	132.6
	L52	5206	37.2	140.1
	L84	8399	66.0	127.2
8'	L60	5882	42.3	139.1
	L104	10473	75.59	138.5
	L168	16797	132.03	127.2

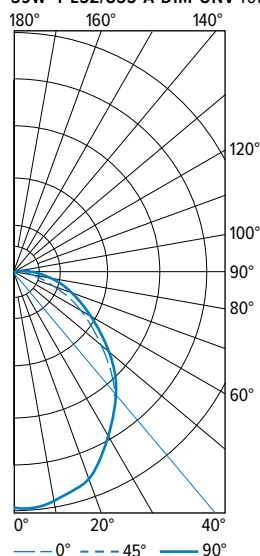
- Photometrics tested in accordance with IESNA LM-79. Results shown are based on 25°C ambient temperature.
- Wattage shown is average for 120V through 277V input.
- Results based on 3500K, 80 CRI, actual lumens may vary +/-5%
- Use multiplier table to calculate additional options.

### 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



CANDLEPOWER DISTRIBUTION	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	

LUMEN SUMMARY	ZONE	LUMENS	% FIXTURE
	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

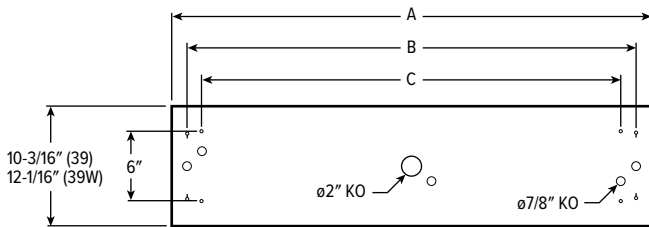
Note: Lumen restrictions apply, consult product builder at [hew.com/product-builder](http://hew.com/product-builder).

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 (Must specify 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

# 39 LED Surface or Pendant Mount Wrap

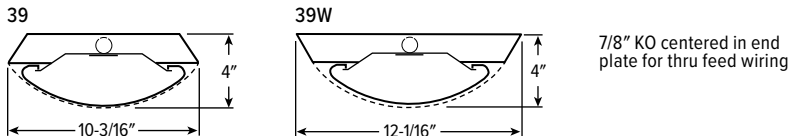
## FIXTURE DETAILS

### BACKVIEW



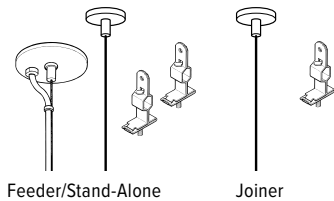
	A (OVERALL)	B (STEM/CABLE O.C.)	C (SURFACE MOUNTING HOLES)
4'	48-1/16"	43"	40"
8'	96-1/16"	91"	88"

## CROSS SECTIONS



## MOUNTING DETAILS

### STANDARD HARDWARE FOR SUSPENDED PRODUCT (Grid and Hardpan)



#### Notes:

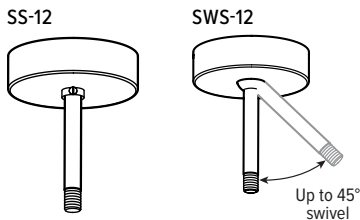
- Fixtures are provided with adjustable length aircraft cables and mounting hardware, must specify.
- Electrical supply is brought into the feeder fixture, either as part of a row or as a stand-alone unit. Joiner fixtures complete the row.
- The feeder kits are standard with a 5" canopy to cover the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

## MOUNTING OPTIONS DETAILS

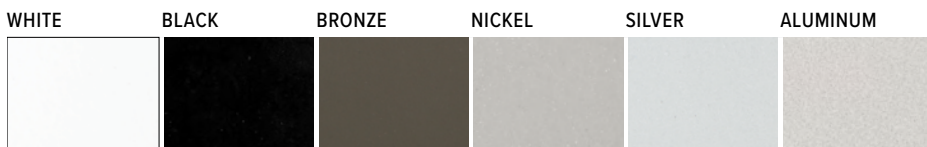


## QUICK CONNECT OPTIONS

Note: Quick connect wiring required for row mounting. Not available in 2' and 3' fixtures.

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.

