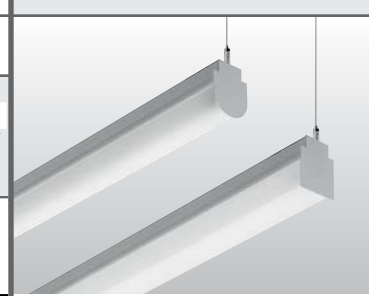


# ARCHITECTURAL SLIMLINE SUSPENDED

# LLM

## LED

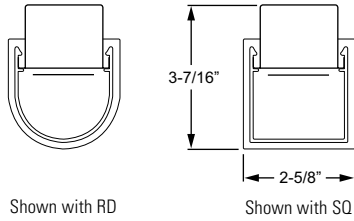
CATALOG #:	TYPE:
PROJECT:	NOTES:



**EXAMPLE** **LLM - 4 - L34/840 - S - SQ - AC/D48 - OPTIONS - DIM - UNV**

SERIES    NOMINAL LENGTH    LUMEN PACKAGE    CRI & CCT    FIXTURE TYPE    SHIELDING    MOUNTING    OPTIONS/ACCESSORIES    DRIVER    VOLTAGE

## CROSS SECTION



## ORDERING INFORMATION

**SERIES**  
**LLM** Architectural Slimline Suspended

**NOMINAL LENGTH**

2	2'
4	4'
8	8'

**LED PACKAGE**

EXAMPLE: L34/840			AVERAGE SYSTEM WATTAGE	
LUMEN PACKAGE	NOMINAL LUMENS	MINIMUM CRI & CCT		
<b>2'</b>				
L13	1,300	827 = 82 CRI, 2700K 830 = 80 CRI, 3000K 835 = 80 CRI, 3500K 840 = 80 CRI, 4000K 850 = 80 CRI, 5000K	13	
L17	1,700		17	
L20	2,000		20	
<b>4'</b>				
L26	2,600		25	
L34	3,400		33	
L41	4,100		41	
<b>8'</b>				
L52	5,200		48	
L68	6,800		64	
L80	8,000		79	

Nominal lumen output based on 3500 CCT. Actual lumens may vary +/-5%. See specific photometric tests. Additional LED lumen packages available, see options.

**FIXTURE TYPE**

**F** Electrical feeder unit, straight white cord standard (wire gauge to be determined by row length), quick-connect wiring harness, one end plate installed

**J** Joiner unit, no cord, quick-connect wiring harness, no end plates

**E** End unit, no cord, quick-connect wiring harness, one end plate installed

**S** Stand-alone unit, straight white cord standard, two end plates installed

**SHIELDING**

**RD** Round frosted acrylic

**SQ** Square frosted acrylic

**MOUNTING**

See page 2 for details.

EXAMPLE: AC/D48		
MOUNTING	TYPE	LENGTH
AC/ = Aircraft	D = 1' grid & hardpan	24 = 24"
	N = 9/16" grid	48 = 48"
	S = Slot grid	96 = 96"

**OPTIONS**

**EM/10WLP** Low profile 10-watt emergency LED driver (Must specify 120V or 277V; available in 4' and 8' lengths only)

**C2\_** Two circuit quick-connect wiring harness (price per foot, see Information section for complete quick-connect offering)

**(L\_...)** Additional lower lumen packages available. Specify in increments of 100 nominal lumens. Option must be specified with next higher lumen package.  
**Example:** 6,500 nominal lumens = LLM-4-L68/850-(L65).

**DRIVER**

Additional dimming drivers available, see [Technical Info](#).

**DRV** Driver prewired for non-dimming applications

**DIM** Driver prewired for 0-10V low voltage dimming applications

**VOLTAGE**

**120** 120V

**277** 277V

**UNV** 120-277V

**347** 347V (not available with EM drivers.)

## FEATURES

- ▶ Slim, low-profile, suspended LED fixture provides an architectural alternative to standard wrap-around fixtures.
- ▶ Round or square profile provides design choices for a variety of applications.
- ▶ Multiple dimming protocols available.
- ▶ Minimum 80 CRI; 3000K, 3500K, 4000K, or 5000K CCT.
- ▶ Quality, frosted, extruded acrylic lens snaps securely in place to provide gentle diffused illumination.
- ▶ Slim end plates are designed to conform to lens shape and prevent unsightly light leaks.
- ▶ Internal, self-aligning joining method ensures straight rows.
- ▶ This fixture is proudly made in the USA.



## LED

Catalog #: **LLM-4-L34/840-S-SQ**

### SPECIFICATIONS

**Housing** – 20-gauge die-formed C.R.S.  
**Shielding** – Frosted, matte acrylic, round or square profile.  
**Finish** – Textured matte white polyester TGIC 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 70% lumen maintenance (L70).  
**Mounting** – Suspended. 1/16" diameter adjustable steel aircraft cable and mounting hardware necessary for grid ceiling applications provided.  
**Labels** – cETLus conforms to UL STD 1598 and UL STD 8750. Certified to CAN/CSA STD C22.2 No. 250.0. Suitable for damp locations.  
**Warranty** – 5-year limited warranty, see [hew.com/warranty](http://hew.com/warranty).

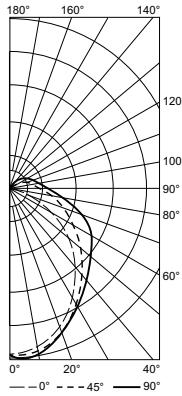
### IMPORTANT:

Electrostatic sensitive unit. Observe precautions when handling.

### PHOTOMETRY

#### TEST REPORT INFORMATION

- ▶ Test Report #: 17322.0
- ▶ Date: 05/15/13
- ▶ Lamp Type: LED
- ▶ **Rated Lumens: 4089**
- ▶ **CRI: 83.1**
- ▶ **CCT: 4096K**

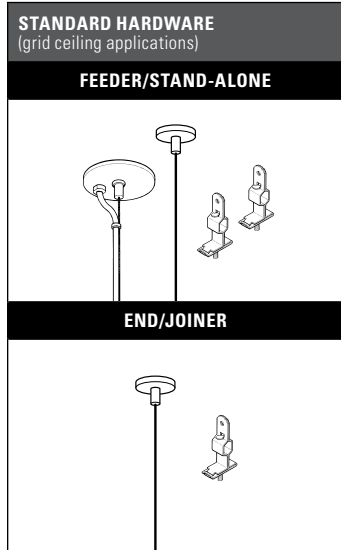


#### CANDLEPOWER DISTRIBUTION

Vertical Angle	Horizontal Angle			Zonal Lumens
	0°	45°	90°	
0°	1244.	1244.	1244.	
5°	1249.	1255.	1258.	119.7
15°	1152.	1171.	1177.	331.2
25°	995.	1031.	1046.	475.4
35°	803.	872.	920.	545.9
45°	575.	703.	810.	542.8
55°	378.	560.	711.	499.0
65°	228.	445.	608.	432.2
75°	109.	327.	461.	327.5
85°	32.	238.	343.	235.9
90°	5.	180.	260.	
95°	0.	172.	241.	162.5
105°	0.	139.	187.	126.2
115°	0.	114.	154.	96.8
125°	0.	94.	131.	73.8
135°	0.	76.	107.	51.7
145°	0.	67.	94.	38.0
155°	0.	50.	66.	20.7
165°	0.	37.	43.	8.7
175°	0.	13.	25.	1.2
185°	0.	0.	0.	

#### LUMEN SUMMARY

Zone	Lumens	% Fixture
0 - 30	926.	22.7
0 - 40	1472.	36.0
0 - 60	2514.	61.5
0 - 90	3510.	85.8
90 - 180	580.	14.2
<b>Total Luminaire:</b>		
0 - 180	4089.	100.0



#### Notes:

- Fixtures are provided with adjustable length aircraft cables and choice of T-bar (standard) or optional hard pan ceiling hardware, must specify.
- Electrical supply is brought into the feeder (or stand-alone) fixture, either as part of a row or as an individual mount unit. Joiner and end 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.

### FIXTURE DETAILS

BACK VIEW		NOMINAL LENGTH	ACTUAL LENGTH
		2'	24-5/16"
		4'	46-7/16"
		8'	92-15/16"

MOUNTING INFORMATION (center to center mounting cable)		ROW ALIGNER DETAIL	
NOMINAL UNIT LENGTH	CABLE MOUNT		
	A		B
2'	23-1/4"		24 1/4"
4'	45-3/8"	46 3/8"	
8'	91-3/4"	92 3/4"	