



SCHOOLHOUSE SHADE  
DAMP LOCATION  
INTERIOR - CLASSIC GLASS

PROJECT: \_\_\_\_\_  
QUANTITY: \_\_\_\_\_ TYPE: \_\_\_\_\_



SS16LX  
MW - Matte White



SS16LX  
BL - Blue Streak



SS16LX  
RD - Red Baron



SS16LX  
GB - Glass Black

SERIES	LUMENS <sup>1</sup>		CCT		DRIVER / DIMMING <sup>2</sup>		MOUNTING <sup>3</sup>		FINISH <sup>5</sup>	
SS14LX SS16LX SS18LX	65L 100L 140L	6500 Lm 10000 Lm 14000 Lm	27K 30K 35K 40K	2700K 3000K 3500K 4000K	EX DS10X DO10X	Electronic Driver, 120V/277V 10% 0-10V, 120V/277V 1% 0-10V, 120V/277V	CP113 HM <sup>4</sup> AT <sup>4</sup> PM <sup>4</sup> CD <sup>4</sup> CM <sup>4</sup> EMRM	Large Driver Canopy Hang Straight Hang Straight All Thread Rigid Pendant Mount Cord / Cable Mount Cord Mount 7W Remote EM	MW <sup>5</sup> MB <sup>5</sup> PT <sup>5</sup> CC	Matte White Matte Black Platinum Silver Custom Color
									See Page 5 for Full Range of Color Options (83-90081)	

EXAMPLE: SS16LX65L30KEX/CP113HM36MW

NOTES:  
1 Nominal Source Lumens at 35K 2 Contact Factory for Additional Options 3 See Mounting Page for Details on Components and Finishes  
4 Specify Length in Inches: See Mounting Page for Available Lengths 5 See Color Page for More Options/Consult Factory for Special Finishes 6 Standard Finishes





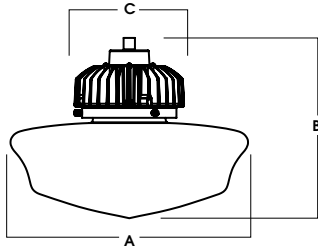
# SCHOOLHOUSE SHADE DAMP LOCATION INTERIOR - CLASSIC GLASS

LUMENS / WATTAGE DATA				
PART NUMBER	SOURCE LUMENS <sup>1</sup>	DELIVERED LUMENS <sup>2</sup>	SYSTEM WATTS	LPW
SS12LX65L	6500	3215	56	57
SS12LX100L	10000	4822	81	60
SS12LX140L	14000	6496	112	58

## NOTES:

1 Nominal Source Lumens at 35K 2 Nominal Delivered Lumens at 35K

## HOUSING DIMENSIONS



SERIES	A	B	C
SS14LX	13.1	13.1	7.3
SS16LX	15.8	12.0	7.3
SS18LX	17.9	15.5	7.3

## APPLICATION

Decorative glass pendant schoolhouse shade for general area lighting. LX Series is designed for damp or dry locations.

## FEATURES

Spectrum Lighting's RLM Classics are inspired by vintage lighting fixtures redesigned with modern LED light sources and materials. The wide range of combinations for lamping, mounting, and finishes allows for creative fixture specification and design. Fixtures may be pendant mounted with cable/cord or rigid stem. LED module and driver are serviceable for future replacement. Available in three sizes.

## FINISH

Multi-stage polyester powder-coat process applied on our dedicated paint lines. Variety of standard and custom finishes are available.

## ELECTRONICS

LED system features high brightness white Nichia LEDs. 3-step MacAdam Ellipse binning. Standard CRI: 80+. Higher CRI, R9 and custom LED configurations are available; consult factory. Choice of electronic 120V/277V and dimming drivers.

## CONSTRUCTION

Canopy is spun in our factory from 0.063 high purity aluminum. Heat sink and other components are machined aluminum. Glass is seamless opal white.

## CODE COMPLIANCE

BAA compliant. ETL certified to meet US and Canadian standards. Suitable for dry or damp locations. Manufactured and tested to UL standards No. 1598/8750.

## SERIES SIZES

### SS14LX



### SS16LX



### SS18LX



## CEILING MOUNT

(SEE MOUNTING PAGES FOR MORE OPTIONS & CANOPY DIMENSIONS.)

### HM / AT / PM

HANG STRAIGHT / ALL THREAD / PENDANT



SS16GV SHOWN WITH CP113HM

### CD

CORD / CABLE MOUNT



SS16GV SHOWN WITH CP113CD

### CM

CORD MOUNT



SS16GV SHOWN WITH CP113CM



Spectrum Lighting



SCHOOLHOUSE SHADE  
DAMP LOCATION  
INTERIOR - CLASSIC GLASS / PHOTOMETRIC

SS16LX-140L-35K-EX

**CANDLEPOWER CURVE**  
TEST SP-00372\_5\_M-LX-100L-35K (SP-00372\_11)

Delivered Lumens: **6,509**  
Luminaire Watts: **112**  
LER: **58.12**

**INTENSITY CANDELA**  
0° AZIMUTH

0.00°	0.00°
0.00°	1,246
5.00°	1,235
10.00°	1,200
15.00°	1,251
20.00°	1,195
30.00°	1,101
40.00°	1,021
50.00°	913
60.00°	792
70.00°	724
80.00°	599
90.00°	532

CP at 0deg (Nadir): **1,246**  
CRI: **85+**

**ZONAL LUMENS**

0° - 10°	125	2%
0° - 20°	468	7%
0° - 30°	1,000	15%
0° - 40°	1,671	26%
0° - 60°	3,203	49%
0° - 80°	4,639	71%
0° - 90°	5,266	81%
Total	6,509	100%

**SINGLE UNIT: PERFORMANCE**  
INITIAL FOOTCANDLES  
BASED ON IES BEAM ANGLE

Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge
8.0'	19 fc	70.3'	-7 fc
10.0'	12 fc	87.9'	-5 fc
12.0'	9 fc	105.5'	-3 fc
14.0'	6 fc	123.1'	-2 fc
16.0'	5 fc	140.6'	-2 fc
20.0'	3 fc	175.8'	-1 fc
24.0'	2 fc	211.0'	-1 fc
28.0'	2 fc	246.1'	-1 fc

Beam Angle: **153.04**  
Spacing Ratio: **1.31**

**MULTIPLE UNITS: PERFORMANCE**  
80/50/20% REFLECTANCES  
INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT

Ceiling Height	Fixture Spacing	RCR 1		RCR 3	
		FC *	W/Sq. Ft.	FC *	W/Sq. Ft.
18'	12'	37	0.72	22	0.58
22'	14'	31	0.59	23	0.59
26'	16'	20	0.38	15	0.38
Delivered Illuminance Rating: (DIR)		52 FC per W/Sq. Ft.		38 FC per W/Sq. Ft.	
3' Suspension Length Square rooms used for multiple units: - RCR 1: Length & Width = Ceiling Ht. - 5.5' x 10.00 - RCR 3: Length & Width = Ceiling Ht. - 5.5' x 3.33 * Average Footcandles at 2.5' Above Floor					

Lumen Multiplier: **65L x 0.67, 100L x 1.0**  
CCT Multiplier: **27K x 0.96, 30K x 0.98, 40K x 1.03, 50K x 1.06**



MOUNTING & ACCESSORIES

SOME OPTIONS NOT AVAILABLE ON ALL FIXTURES. CONSULT SPECIFICATION SHEETS. SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION. NOTE: THIS IS TYPICAL OF RLM SPECIFICATION FOR MOUNTING. INDIVIDUAL FIXTURES OR PROJECTS MAY HAVE SPECIALIZED REQUIREMENTS.



CEILING MOUNTING

**CP113 - DRIVER COMPARTMENT WITH LEADS (REQUIRED)**

**HM\***  
HANG STRAIGHT  
45° SWIVEL 1/2" STEM - 3/8" NPT

ORDER: **HM** (Length)  
SPECIFY LENGTH:  
**HM3** - 3"    **HM24** - 24"  
**HM6** - 6"    **HM36** - 36"  
**HM12** - 12"    **HM48** - 48"  
**HM18** - 18"    **HM72** - 72"  
**HMLC(XX)**  
Custom Length  
(Specify in Inches)

**AT\*\***  
HANG STRAIGHT ALL THREAD  
45° SWIVEL 1/2" STEM - 1/4" IP

ORDER: **AT** (Length)  
SPECIFY LENGTH:  
**AT12** - 12"  
**AT24** - 24"  
**AT36** - 36"

FIELD CUT THREADED PIPE TO LENGTH NEEDED  
SLIP WIRE COVER (50" MINIMUM)  
FIELD CUT THREADED PIPE TO LENGTH NEEDED  
SLIP WIRE COVER (50" MINIMUM)

**PM\***  
RIGID PENDANT MOUNT  
RIGID 1/2" STEM - 3/8" NPT

ORDER: **PM** (Length)  
SPECIFY LENGTH:  
**PM3** - **PM24** - 24"  
**PM6** - **PM36** - 36"  
**PM12** **PM48** - 48"  
**PM18** **PM72** - 72"  
**PMLC(XX)**  
Custom Length  
(Specify in Inches)

**CD**  
CORD / CABLE MOUNT  
SJ CORD WITH 1/16 SS CABLE

ORDER: **CD** (Length)  
SPECIFY LENGTH:  
**CD36** - 36"  
**CD72** - 72"  
**CD144** - 144"  
**CDLC(XX)**  
Custom Length  
(Specify in Inches)

**CM**  
CORD MOUNT  
SJ CORD WITH STRAIN RELIEF

ORDER: **CM** (Length)  
SPECIFY LENGTH:  
**CM36** - 36"  
**CM72** - 72"  
**CM144** - 144"  
**CMLC(XX)**  
Custom Length  
(Specify in Inches)

\*MAXIMUM ONE PIECE STEM LENGTH IS 72". \*\*MAXIMUM ONE PIECE STEM LENGTH IS 36". LONGER LENGTHS ARE POSSIBLE USING MULTIPLE STEMS AND COUPLERS. \*\*ORDER IN 12" INCREMENTS. ODD SIZES MAY BE FIELD CUT

REMOTE EMERGENCY BATTERY OPTIONS

**EMRM\* - 7W REMOTE EMERGENCY BATTERY (50' MAX)**

A	B	C
1.3	12.6	13.0

\*OTHER EM BATTERY SIZES AVAILABLE. CONTACT FACTORY.

# COLOR OPTIONS - POWDER COAT PAINT FINISHES

NOTE: NO PRINTED IMAGE CAN EQUAL THE EXACT COLOR OF FINISH ON METAL.  
SEE INDIVIDUAL SPECIFICATION SHEETS OR CONSULT FACTORY FOR ADDITIONAL INFORMATION.



## STANDARD CORD / STEM / CANOPY FINISHES

FIXTURE COLOR	STANDARD CORD COLOR	STANDARD CANOPY / STEM COLOR
Matte White, Textured White	Matte White	Matte White
Gloss White	Matte White	Gloss White
Matte Black, Gloss Black, Textured Black	Matte Black	Matte Black
All Others	Matte Black	Same Color as Fixture
Custom Color	Contact Factory	Contact Factory

## PAINT TIMES

TIER	COST	AVERAGE PAINT TIME*
Tier 1 - Standard Finishes	\$	①
Tier 2 - Typical Finishes	\$\$	①①
Custom Color	Contact Factory	Contact Factory

\*CONTACT FACTORY FOR SPECIFIC PRODUCT LEAD TIMES

## TIER 1 - STANDARD FINISHES

<b>MW</b> Matte White	<b>GW</b> Gloss White	<b>PT</b> Platinum Silver	<b>MB</b> Matte Black	<b>GB</b> Gloss Black	<b>BZ</b> Bronze

## TIER 2 - TYPICAL FINISHES

<b>TW</b> Textured White	<b>TB</b> Textured Black	<b>MT*</b> Textured Silver	<b>OB*</b> Oil Rubbed Bronze	<b>SN</b> Sun Gold	<b>CO</b> Copper Metallic	<b>BR</b> Brecchia	<b>GH</b> Graphite	<b>CH</b> Charcoal	<b>AL</b> Almond	<b>VE</b> Verde Green
<b>BL</b> Blue Streak	<b>RD</b> Red Baron	<b>OR</b> Orange	<b>CM</b> Carmel	<b>PL</b> Purple	<b>PG</b> Pub Green	<b>TQ</b> Turquoise	<b>SF</b> Sea Foam	<b>PK</b> Pink	<b>AY</b> Aero Yellow	<b>EG</b> Evergreen
<b>LG</b> Lime Green	<b>LB</b> Light Blue	<b>BY</b> Burgundy	<b>AK</b> Anodic Black	<b>AM</b> Anodic Malachite	<b>AZ</b> Anodic Bronze	<b>AS</b> Anodic Sapphire	<b>AN</b> Anodic Natural	<b>AC</b> Anodic Champagne		

## CUSTOM COLOR FINISHES

CONTACT FACTORY

**CC**  
Custom Color



\*UNAVAILABLE FOR WET LOCATION

