

CATALOG #	TYPE
JOB NAME	VOLTAGE

LRS-04515-2500L

Lensed Wall Wash • 4" Square • LED

Up to 60,000 Hour Life • Wet Location
10% Dimming • 4 CCT • 3-Step Binning
LM-80 Qualified • LM-79 Certified



Specifications

Delivered System Performance*

- Lumen Series: **MUST SPECIFY**
-2500L: 2500 nominal lumens (35W).
- Color temperature: 3500°K standard.
Optional: -27K, -30K, -41K or -50K.
- CRI: 80+ standard. Optional: -HC (90+).
- 60,000 hour life (L70).
- Fully sustainable: removable for servicing.
- Center beam optics positioned at 20°.

Thermal Protection: SPECIFY VOLTAGE

- Thermal protector for insulation detection per UL/NEC. Must specify input voltage.

Thermal Management System

- All aluminum heat sink, components and housing maximize cool operation and long life while minimizing maintenance.

LED Power Supply - INTERNAL

- Suitable for outdoor / indoor use.
-30°C (-22°F) to 60°C (140°F) standard.

- 120-277V / 50-60Hz standard. Load insensitive.
- 0-10V CCR dimming standard. (100-10%)**

Trim

- Specular clear aluminum self-flanged angle cut square cone with tempered prismatic glass above.

Acrylic Enameled Aluminum Housing

- Rustproof and corrosion resistant. Exceeds 1000 hour ASTM 5% salt spray test.
- Shallow depth fits restricted plenums.
- Cool operation. Extends life of all components.
- Entire luminaire, including LED light engine, is modular, easily visible and serviced through aperture.
- Built-in plaster flange.

Outlet Box

- UL listed J-box with insulated removable cover. Prewired 14 GA (NEC) with ½" and ¾" knockouts.

Installation

- Recess indoor or outdoor.
- Accommodates ceilings up to 1¼" thick.
- Compatible with fire rated enclosures (by others).
- 27" galvanized hanger bars with adjustable mounting brackets (2) supplied.

UL & UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through-branch conductors (4 #12 AWG 90°C).

IEC & FCC Compliance

- Meets IEC/EN 60601-1-2 electromagnetic compatibility standard for medical electrical equipment.
- FCC Part 15 certified for EMI/RFI emissions.



**FIVE YEAR
Limited Warranty**

- Complete standard fixture.

MUST SPECIFY		OPTIONAL	Ordering Example: LRS-04515-2500L-120-30K-45
Product Number	Voltage	Options	
LRS-04515-2500L	-120 (120 volts) -277 (277 volts) -97 (Specify other)	See "Options" below	

Options

Input Power: SPECIFY

- 120 120V (50-60Hz) input for thermal protector.
- 277 277V (50-60Hz) input for thermal protector.
- 97 Specify other voltage. Consult factory.

LED Power Supply

- D1 0-10V 100-1.0% dimming instead.
- D2 0-10V 100-0.1% dimming instead.
- D3 DALI 100-1.0% dimming instead.
- D4 DALI 100-0.1% dimming instead.
- D40 -40°C driver with 0-10V 10% dimming instead.
- ECO Digital driver for Lutron EcoSystem controls. Dims to 1% or consult factory.
- EM INTERNAL emergency battery pack. Delivers 500 lumens. Run time: 90+ minutes.

- ERH REMOTE emergency battery pack. Delivers 1000 lumens. Run time: 90+ minutes. CEC Compliant.

Color Temperature (CCT)

- 27K Color temperature 2700°K instead.
- 30K Color temperature 3000°K instead.
- 41K Color temperature 4100°K instead.
- 50K Color temperature 5000°K instead.
- HC 90+ CRI instead. Consult factory.

Trim

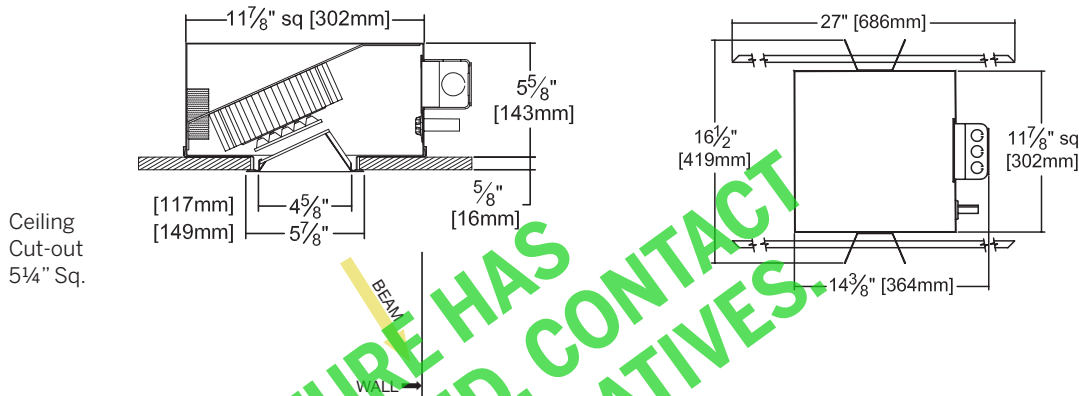
- 30 All white acrylic enameled cone.
- 31 White acrylic enameled cone flange.
- 32 White oversize trim ring. Specify O.D.
- 37F Dark bronze acrylic enameled cone flange.

- 38F Black acrylic enameled cone flange.
- 45 Gasket between trim flange and ceiling.
- 70 SofTex™ clear self-flanged cone.
- 94 Custom color/finish. Specify. Consult factory.

Other

- 99 Special modification. Consult factory.
- FS Single in-line fuse.
- RH Residential mounting hardware instead. Suitable for wood joist ceilings with spacing from 14½" to 25½" with ⅝" vertical adjustability.
- SH Sealed housing and junction box.

Dimensions



Detailed Photometry Installed Fixture

Photometry from UL Verification Services, Allentown, PA

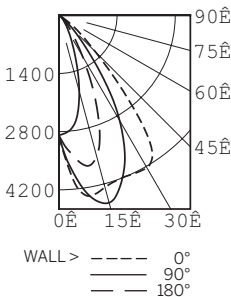
THIS FIXTURE HAS BEEN DISCONTINUED. CONTACT FACTORY FOR ALTERNATIVES.

-2500L STANDARD

Lumens: 2896
LPW: 79
Efficiency: 77.9%
UL Test: 1259209



Total System Watts 36.8



	SINGLE FIXTURE					MULTIPLE FIXTURES				
	1"	2"	3"	4"		2' CENTERS		3' CENTERS		
FIXTURE INSTALLED 2' FROM WALL Footcandle Distribution on Wall Surface										
1	9.8	5.6	1.9	1.2	0.8	18.4	18.5	18.5	14.0	9.1
2	110.0	40.8	8.1	2.2	1.0	131.0	132.0	132.0	116.0	39.1
3	175.0	116.0	19.7	4.4	1.6	219.0	219.0	219.0	186.0	104.0
4	96.1	89.0	33.0	7.4	2.4	169.0	169.0	169.0	113.0	127.0
5	55.0	52.6	32.5	10.5	3.3	130.0	130.0	130.0	78.1	94.9
6	34.6	33.8	26.0	11.8	4.2	98.3	98.4	98.4	60.2	69.6
7	23.6	23.5	19.9	11.1	4.8	77.0	77.2	77.1	48.5	52.9
8	17.3	17.4	15.7	10.1	5.1	63.7	63.8	63.8	41.2	42.7
9	14.1	14.1	13.2	9.3	5.3	55.8	56.0	55.9	36.5	37.3

LM-80 Qualified • LM-79 Certified Photometry

* LED manufacturers maintain a tolerance of ±7% on flux (lumens) and power (electrical) measurements. Kirlin photometrics are actual test data from UL Verification Services (UL) where photometry was measured from 3717 lumen (-2500L) light engines (within the established tolerance).

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME
TYPE
WATTAGE
VOLTAGE
CATALOG NUMBER



LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR FIVE YEARS FROM DATE OF PURCHASE. INSTALLATION TO N.E.C. IN NORMAL USE. Manufacturer at the option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within five years of original shipment. Liability of manufacturer is limited to the foregoing and manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is supplied to the buyer in place of all other warranties, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the fixture, improper installation or repair or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.