



# Clarity® (CLRL)

## Architectural Direct/Indirect Linear Field Selectable



OVERVIEW	
Lumen Package (lm)	4,800 - 10,400
Color Temperature (K)	3000, 3500, 4000
Form Factor (ft.)	4, 8
Wattage Range (W)	40 - 80
Efficacy Range (LPW)	122 - 130
Weight lbs (kg)	4 ft. - 5.5 (2.6) 8 ft. - 11.3 (5.1)

### QUICK LINKS

## FEATURES & SPECIFICATIONS

### Construction

- 4 ft. and 8 ft. form factors
- Extruded Aluminum construction
- Post-painted for high quality finish
- Operating temperature: 32°F to +104°F (0°C to 40°C)
- Easy continuous runs with built-in alignment arms and quick connector.

### Optical System

- High-precision laser etched light guide for up/down illumination
- 40/60 up/down distribution for low-glare illumination and superior ambient lighting
- Selectable CCT for maximum flexibility. 3000K-3500K-4000K all in one.
- Minimum color rendering index (CRI) of 80 for high visual acuity

### Electrical

- High-performance class 2 driver features over-voltage, under-voltage, short-circuit and over-temperature protection
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz
- 0-10V dimming (10% - 100%) standard. Compatible with most commercially available dimmers.
- L70 Calculated Life: >60k hours (See Lumen Maintenance table)
- Power factor (PF): >0.90
- Total harmonic distortion (THD): <20%
- Optional emergency remote battery backup for standby lighting

### Controls

- Available with AirLink Blue (ALB) remote circuit control and accessories.
- ALB is a low-power wireless Bluetooth mesh control system. ALB provides significant energy savings while ensuring code compliance and security.

### Installation

- Drywall (mounting kit included) or grid ceiling suspension (optional accessory). See accessory ordering table for mounting accessories

### Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.
- 1 Year warranty on optional Battery Backup. Test regularly in accordance with local codes.

### Listings

- Certified to UL 1598 and UL 8750
- Suitable for damp locations
- DesignLights Consortium® (DLC) Premium qualified product. Not all versions of this product may be DLC Premium qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.

## ORDERING GUIDE

TYPICAL ORDER EXAMPLE: CLRL8 11L 46 UNV CS1 BLK							
Prefix	Lumen Package	Distribution	Voltage	Color Temperature/Rendering	Controls	Finish	Options
CLRL4 - Clarity 4 ft. CLRL8 - Clarity 8 ft.	11L - 1,100 lm/ft.	46 - 40% Up, 60% Down	UNV - Universal Voltage (120-277VAC)	CS1 - 3000K-3500K-4000K / 80 CRI min.	Blank - Remote Only See Controls Ordering Information	Blank - Matte White Housing, White Canopy and Cord BLK - Matte Black Housing, Black Canopy and Cord	Blank - No Option Cyy - Factory locked CCT. See Performance Table for available configurations. Example C35: 3500K



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## WHAT'S INCLUDED<sup>1</sup>

Luminaire	Butterfly Drywall Anchors	Non-feed Canopy Cover (2")	Cover Plate for Through Wiring
Aircraft Cable and Adjusters (5 ft.)	Feed Canopy Cover (4")	Power Cable with Connector	Light Guide Protective Film (to be removed after installation)

## ACCESSORY ORDERING INFORMATION<sup>1</sup> (Accessories Are Field Installed)

Part Number	Order Number	Description
778196	EM8RB	8W Remote Mount Battery Pack
786277	EM8RMK	8W Remote Mount Battery Pack with Grid Mount Kit
782898	GCMK 15/16 FLAT GRID	15/16" Flat T-grid Mounting Kit
782899	GCMK 9/16 FLAT GRID	9/16" Flat T-grid Mounting Kit
782900	GCMK 9/16 SLOT GRID	9/16" Slot T-grid Mounting kit

## PERFORMANCE

Delivered Lumens <sup>2</sup>								
Lumen Package	Wattage	CRI (Min.)	3000K CCT		3500K CCT		4000K CCT	
			Delivered Lumens	Efficacy	Delivered Lumens	Efficacy	Delivered Lumens	Efficacy
CLRL4 11L 46 UNV CS1	40	80	4,874	122	5,187	130	5,198	130
CLRL8 11L 46 UNV CS1	80	80	9,748	122	10,373	130	10,397	130

Electrical Data - Current Draw AMPS <sup>3</sup>					
Lumen Package	Wattage	120V	208V	240V	277V
CLRL4 11L 46 UNV CS1	40	0.33	0.19	0.17	0.14
CLRL8 11L 46 UNV CS1	80	0.67	0.38	0.33	0.29

Recommended Lumen Maintenance <sup>4</sup>					
Ambient Temperature °C	Initial <sup>5</sup>	25K hrs. <sup>5</sup>	50K hrs. <sup>5</sup>	75K hrs. <sup>6</sup>	100K hrs. <sup>6</sup>
0	100%	94%	88%	82%	77%
10	100%	94%	88%	82%	77%
20	100%	94%	88%	82%	77%
25	100%	94%	88%	82%	77%
30	100%	94%	88%	82%	77%
40	100%	94%	88%	82%	77%

<sup>1</sup> Drywall mounting kit included with luminaire.

<sup>2</sup> LEDs are frequently updated therefore values are nominal.

<sup>3</sup> Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

<sup>4</sup> Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.

<sup>5</sup> In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).

<sup>6</sup> In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).



## PHOTOMETRICS

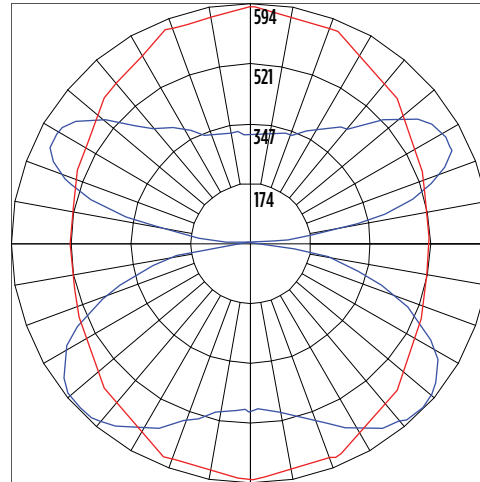
Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See the individual product page on <https://www.lsicorp.com/> for detailed photometric data.

### CLRL4-11L-46-UNV-CS1-XXX

Zonal Lumen Summary		
Zone	Lumens	% Luminaire
0-20	227.6	4.4
0-30	519.4	10.0
0-40	927.6	17.8
0-60	1,946.4	37.4
0-80	2,710.2	52.1
0-90	2,801.1	53.9
10-90	2,744.9	52.8
20-40	700.0	13.5
20-50	1,195.8	23.0
40-70	1,480.8	28.5
60-80	763.8	14.7
70-80	301.8	5.8
80-90	90.9	1.7
90-110	451.1	8.7
90-120	938.1	18.0
90-130	1,410.5	27.1
90-150	2,061.4	39.7
90-180	2,397.3	46.1
110-180	1,946.2	37.4
0-180	5,198.3	100.0

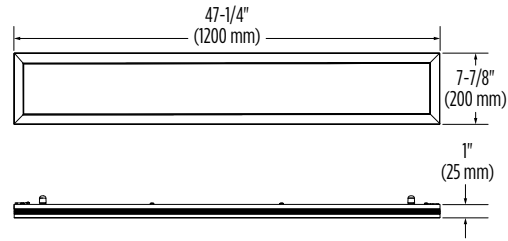
Polar Curve



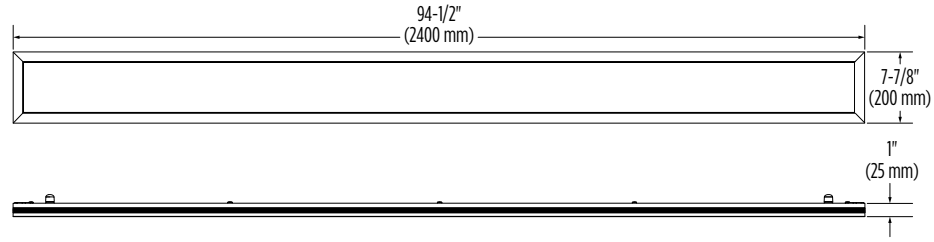
■ Vertical Plane    ■ Horizontal Cone

## PRODUCT DIMENSIONS

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**CLRL4**



**CLRL8**