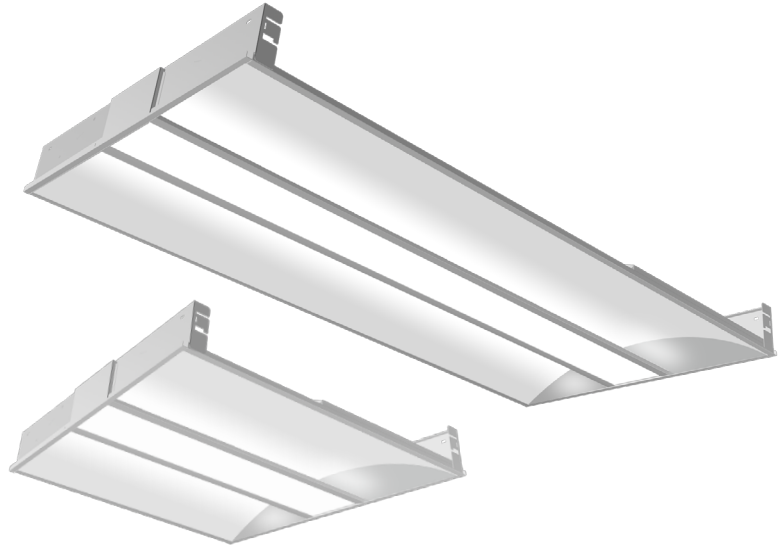




Clarity® (CLRT)

Architectural LED Troffer

Field Selectable



OVERVIEW	
Lumen Output Range (lm)	2,800-5,500
Form Factors (ft.)	2x2, 2x4
Wattage (W)	27-50
Efficacy Range (LPW)	96-120
Fixture Weight lbs (kg)	
2x2	8 (3.6)
2x4	14 (6.4)

QUICK LINKS

[Ordering Guide](#)
[Performance](#)
[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- 2x2 and 2x4 form factors
- Cold-rolled sheet metal 22 gauge
- Post-painted for high quality finish
- Operating temperature: 32°F to +104°F (0°C to 40°C)
- Laser-etched center diffuser
- Field selectable color temperature and lumen output

Optical System

- Edge-lit illumination combined with back reflector for glare-free illumination
- Selectable brightness to suit a wide range of applications
- Selectable CCT for maximum user flexibility
- Minimum color rendering index (CRI) of 80 for high visual acuity

Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over-temperature protection.
- Selectable power to maximize energy and space savings
- IC rated for insulated ceilings
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz
- L70 Calculated Life: >60k hours (See Lumen Maintenance on Page 5)
- Power factor: > 0.90
- Total harmonic distortion: <20%

Controls

- Compatible with AirLink™ Blue. AirLink Blue. (ALB) is a low-power wireless Bluetooth mesh control system. ALB provides significant energy savings while ensuring code compliance and security. See the accessories section for component information.

Installation

- Recessed grid mounting
- Includes earthquake clips for secondary retention

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Suitable for damp locations.
- DesignLights Consortium® (DLC) Premium and/or standard. Not all versions of this product may be DLC listed. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which SKUs are listed.





Clarity Architectural LED Troffer

ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **CLRT24 FS1 UNV**

Prefix	Light Output, CCT	Voltage
CLRT22	FS1 3,100 - 3,600-4,100 lm 3000-3500-4000K	UNV - 120-277V
CLRT24	FS1 3,400 - 4,400-5,400 lm 3000-3500-4000K	

Accessory Ordering Information (Accessories are field installed)

Description	Order Number
EM10RMK - 10W Emergency Remote Mount Kit	781190
ALBC 5A UNV - AirLink Blue 5 Amp Circuit controller	755249
ALBC 5A OS1 UNV - Air Link Blue Motion and Daylight Harvesting Sensor 10ft. Mounting Height	755248

PERFORMANCE

[Back to Quick Links](#)

DELIVERED LUMENS*							
Form Factor	Wattage	3000K CCT		3500K CCT		4000K CCT	
		Lumens	Efficacy	Lumens	Efficacy	Lumens	Efficacy
CLRT22	38	3699	96	4111	114	4055	110
	32	3315	104	3685	115	3635	113
	28	2882	102	3206	114	3162	115
CLRT24	48	4846	97	5418	116	5342	112
	38	4034	106	4510	118	4448	116
	29	3120	108	3489	120	3441	120

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA (AMPS)*					
Lumens	Wattage	120V	208V	240V	277V
CLRT22	38.00	0.31	0.18	0.15	0.13
	32.00	0.27	0.15	0.13	0.12
	28.00	0.23	0.13	0.12	0.10
CLRT24	48.00	0.40	0.23	0.20	0.17
	38.00	0.32	0.18	0.16	0.14
	29.00	0.24	0.14	0.12	0.10

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

LUMEN MAINTENANCE ¹					
Ambient Temp	Lumen Multiplier				
C	0 hrs. ²	25K hrs. ²	50K hrs. ²	75K hrs. ³	100K hrs. ³
0 C	100%	94%	88%	82%	77%
10 C	100%	94%	88%	82%	77%
20 C	100%	94%	88%	82%	77%
25 C	100%	94%	88%	82%	77%
30 C	100%	94%	88%	82%	77%
40 C	100%	94%	88%	82%	77%

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

2 - 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).

3 - 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).





Clarity Architectural LED Troffer

PRODUCT DIMENSIONS

[Back to Quick Links](#)

