

ZR Series

ZR14™, ZR22™, and ZR24™ LED Troffers - Version D

Rev. Date: V1 02/08/2023

Product Description

The ZR LED troffer provides energy productivity and code compliance – all with installation that’s so intuitive and simple. The ZR Series delivers from 2,600 to 10,000 lumens and 80 CRI quality light and is perfect for both new construction and renovation. Multiple control options including 0-10V, SmartCast® Technology, Lutron Vive, and Lutron EcoSystem products incorporate integrated ambient and occupancy sensing and wireless communication resulting in lower electricity bills, reduced maintenance and an improved total cost of ownership over traditional lighting control systems. The ZR LED troffer embodies a breakthrough in balancing energy savings, visual comfort and project budgets.

Performance Summary

Efficacy: Up to 159 LPW
Initial Delivered Lumens: 2,600 - 10,000
Input Power: 18-70W
CRI: 80+
CCT: 3000K, 3500K, 4000K, 5000K
Input Voltage: 120-277 VAC, 120-347 VAC, 347VAC
Limited Warranty: 5 years for luminaire; 5 years for SmartCast® and Lutron controls; up to 5 years for SmartCast® accessories; 1 year for luminaire accessories
Limited Warranty Emergency Back Up (EB) Battery: 1 year for Battery Back Up. Test regularly in accordance with local code
Controls: 0-10V, SmartCast Wireless, Lutron Vive, Lutron EcoSystem
Mounting: Recessed (Designed for use in most ceiling grids including standard 1 1/2", 9/16", 15/16", hard ceiling, and surface mounting)
Room-side accessible removable lens

Assembled in the USA by Cree Lighting from US and imported parts

*See <http://creelighting.com/warranty> for warranty terms. For SmartCast accessories, consult SmartCast spec sheets for details on warranty terms.

Accessories

Field-Installed		
Drywall Grid Adapter DGA14-WHT 1x4, Single Pack DGA14-WHT-10PK 1x4, 10-Pack DGA22-WHT 2x2, Single Pack DGA22-WHT-10PK 2x2, 10-Pack DGA24-WHT 2x4, Single Pack DGA24-WHT-10PK 2x4, 10-Pack Surface Mount Kit SMK-FLX14 [1x4] SMK-FLX22 [2x2] SMK-FLX24 [2x4] SmartCast® Technology Configuration Tool CCT-CWC-1 - One required per project when SC1 control is selected	SmartCast® Technology Face Plates CFP-1-WH - Matching face plate, 1-gang, white CFP-2-WH - Matching face plate, 2-gang, white CFP-3-WH - Matching face plate, 3-gang, white SmartCast® Technology Wireless Dimmer CSC-CWD-UNVN-WH (neutral wire required) CSC-CWD-UNV-WH (no neutral required) SmartCast® Technology Wireless Switch CSC-CWS-UNVN-WH (neutral wire required) CSC-CWS-UNV-WH (no neutral required) SmartCast® 5-Button Wireless Scene Controller CSC-SC-5B-CWC-WH (w/o text) CSC-SC-5S-CWC-WH (w/scene text) CSC-SC-5X-CWC-WH (w/custom text)	SmartCast® Technology Wireless Plug Load Controller CPLC-JB-CWC SmartCast® Touchscreen Control CSC-TS-A-BK SmartCast® Wireless Gateway with Wi-Fi CSC-GW-CWC-W - Required with SmartCast Touchscreen Control SmartCast® Wall Plug Power Supply CSC-WPS-120V - For use with SmartCast Wireless Gateway with Wi-Fi SmartCast® Ceiling Plug Power Supply CSC-CPS-120V - For use with SmartCast Wireless Gateway with Wi-Fi SmartCast® 10V Zone Controller CSC-ZC-10V-CWC - Intelligent sensing and control of 0-10V luminaires

Ordering Information

Example: ZR24-D-60L-835-CV-UNV-10V5

ZR	Series	Size	Version	Lumen Package	CRI/CCT	Lens	Voltage	Control	Factory Installed Options*			
ZR	14	D	30L	3,000 Lumens	80 CRI, 3000K	AR	UNV - Universal 120-277V	10V5 - 0-10V 5% Dimming	EB Emergency Backup - Available with UNV voltage only - Provides 10W & 90 minutes of emergency operation			
				50L		80 CRI, 3000K				FLX Arc		
				40L		80 CRI, 3000K				CV		
			4,000 Lumens	6,000 Lumens	80 CRI, 3500K	ZR Curve	UC - 120-347V - Not available with 26L or 30L lumen packages - Available only with 10V5 control					
										26L	4,000 Lumens	80 CRI, 4000K
										40L	5,000 Lumens	80 CRI, 4000K
	22	D	30L	2,600 Lumens	80 CRI, 5000K	AR	34 - 347V - Available only with SC1, VDO, VRF and LDE1 controls	SC1 - SmartCast Wireless Technology with 1% Dimming, Integral motion and ambient sensors	VDO* - Lutron Vive Wireless Integral Fixture Control with Occupancy and Daylight Sensing			
				40L		4,000 Lumens				80 CRI, 5000K		
				50L		5,000 Lumens				80 CRI, 5000K		
			3,000 Lumens	5,000 Lumens	80 CRI, 5000K	VIVE by CLUTRON	VRF* - Lutron Vive Wireless Integral Fixture Control (RF only)					
										26L	4,000 Lumens	80 CRI, 5000K
										40L	8,000 Lumens	80 CRI, 5000K
24	D	30L	3,000 Lumens	80 CRI, 5000K	AR	34 - 347V - Available only with SC1, VDO, VRF and LDE1 controls	LDE1* - Lutron HiLume 1% EcoSystem LED Driver with Soft-on, Fade to Black dimming technology					
			50L		5,000 Lumens				80 CRI, 5000K			
			60L		6,000 Lumens				80 CRI, 5000K			
		4,000 Lumens	8,000 Lumens	80 CRI, 5000K	VIVE by CLUTRON	VRF* - Lutron Vive Wireless Integral Fixture Control (RF only)						
									50L	10,000 Lumens	80 CRI, 5000K	
									60L	10,000 Lumens	80 CRI, 5000K	

*Consult factory for other options.

*More information on Lutron controls can be found at lutron.com.

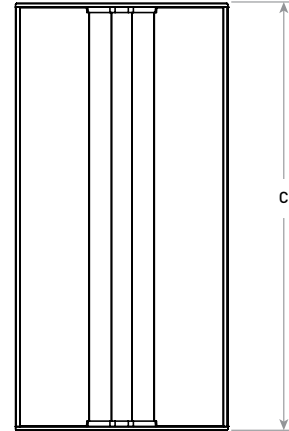


SMARTCAST® TECHNOLOGY


 US: creelighting.com T (800) 236-6800 F (262) 504-5415
 Canada: creelighting-canada.com T (800) 473-1234 F (800) 890-7507



10V5 CONTROL



10V5 Dimensions						
	DIM "A"	DIM "A" w/EB	DIM "B"	DIM "C"	Weight	Weight w/EB
1x4	4.1" (104mm)	4.0" (101mm)	11.7" (298mm)	47.7" (1213mm)	11.0 lbs. (5.0kg)	16.0 lbs. (7.3kg)
2x2	4.1" (104mm)	3.3" (84mm)	23.7" (603mm)	23.8" (604mm)	9.0 lbs. (4.1kg)	14.0 lbs. (6.4kg)
2x4	4.1" (104mm)	3.3" (84mm)	23.7" (603mm)	47.7" (1213mm)	15.0 lbs. (6.8kg)	20.0 lbs. (9.1kg)

Refer to page 6 for drawings for luminaires with SC1, VDO, VRF and LDE1 controls.

CREE  **LIGHTING®**

Product Specifications

SMARTCAST® TECHNOLOGY

SmartCast® Technology is the most intuitive and easiest to install intelligent light solution on the market. SmartCast Technology delivers up to 70% energy savings at up to half the cost of other solutions. Luminaires combine best-in-class light with onboard sensors and intelligence to deliver a better light experience. Extreme energy productivity, code compliance and a better light experience without any extra design, installation or setup work.

CONSTRUCTION & MATERIALS

- Durable 22 ga. cold rolled steel housing provides strength and uniformity
- Ultra-thin luminaire height and lightweight design effectively target a broad range of plenum spaces and allow for easy installations
- Luminaire is pre-painted for enhanced matte finish
- Includes integrated hooks for mounting to t-bar, and cable slots for suspended mounting
- Luminaire sides and ends are hemmed in for safe, easy handling
- Room-side accessible/removable lens snaps and locks into end caps for tool-less entry
- Not for installation within 3" (76mm) of insulation
- **Weight:** Refer to table on pages 1 and 6

OPTICAL SYSTEM

- Unique luminaire design creates perfect balance of both horizontal and vertical illumination
- Optimized smooth acrylic lens eliminates pixelation and delivers a low-glare, diffused light distribution
- Additional diffuser options available. Refer to Inner Optic Overlay Diffuser Accessories table on page 6 for additional detail

ELECTRICAL SYSTEM

- **Power Factor:** >90% at full load
- **Input Power:** Stays constant over life
- **Input Voltage:** 120-277V or 347V, 50/60Hz. 347V w/ LDE1 is 60Hz only
- **Operating Temperature Range:** 0°C - + 35°C (32°F - + 95°F)
- **Total Harmonic Distortion:** <20% at full load

10V DIMMING AND CONTROL

- 10V5 option provides continuous dimming to 5% with 0-10V DC control protocol
- **Maximum 10V Source Current:** 0.45mA
- For use with Class 2 dimming systems only
- Use only lighting controls with neutral connection or controls intended for use with LED fixtures
- Reference <https://cree.widen.net/s/2b8dlcwsq/cr-flex-zr-cs-ln-ls-ur-stylus-series-control-options-dimming-specsheet> for recommended dimming controls and wiring diagrams

REGULATORY & VOLUNTARY QUALIFICATIONS

- cULus Listed (UL1598)
- Suitable for damp locations
- Designed for indoor use only
- Requires minimum 90°C supply conductors
- Drivers and LEDs are UL Recognized in accordance with UL8750
- Meets NEMA C82.77 standards
- UL924 (EB Option) Maximum mounting height: 15.0' (4.6m)
- EB option meets CA Title 20 Appliance Regulations
- RoHS compliant. Consult factory for additional details
- Meets FCC Part 15, Subpart B, Class A limits for conducted and radiated emissions
- Assembled in the USA by Cree Lighting from US and imported parts
- Meets Buy American requirements within ARRA

CA RESIDENTS WARNING: Cancer and Reproductive Harm - www.p65warnings.ca.gov

SmartCast® Technology

INTEGRAL MOTION SENSOR

- Passive infrared (PIR)
- **Coverage area:** Please refer to the PIR motion sensor coverage table
- Not intended to be mounted higher than 20 ft.
- **Operation:**
 - Grouped with a wall control: Luminaire will operate in vacancy mode (manual-on/auto-off)
 - Not grouped with a wall control: Luminaire will operate in occupancy mode (auto-on/auto-off)
- Luminaires operate at full intensity until OneButton™ Setup is initiated by the Cree Configuration Tool

AMBIENT LIGHT SENSOR

- Sensor response matches response of human eye
- Not intended to be mounted higher than 20 ft. (6.1m)
- Luminaires operate at full intensity until OneButton™ Setup is initiated by the Cree Configuration Tool
- Daylight harvesting calibration performed automatically during OneButton™ Setup

INTEGRAL WIRELESS COMMUNICATION

- 2.4GHz wireless mesh technology with AES 128-bit encryption
- Self assigns to quietest channel during OneButton™ Setup
- **Range:**
 - 30 ft. (9.1m) in typical commercial applications
 - 300 ft. (91.4m) open air without obstructions
- **Network:** 250 devices max.
- **Space:** 100 devices max. per group
- FCC and IC certifications

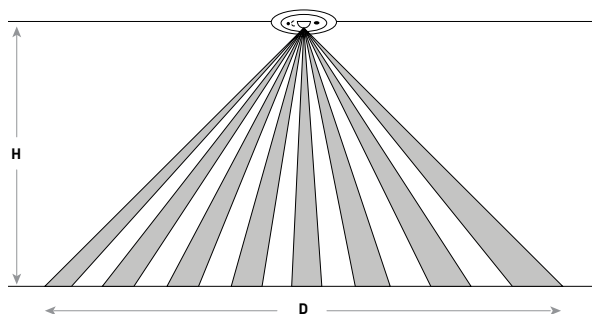
LUMINAIRE

- Energy metering with 4% accuracy
- Luminaires operate at full intensity until OneButton™ Setup is initiated by the Cree Configuration Tool
- 10 year power fail memory of settings
- **NOTE:** SmartCast luminaires must be installed on unswitched AC power. Constant power is required to maintain all luminaires on the SmartCast network. If wall control or manual dimming is required, a SmartCast wall control dimmer must be used for manual on, off, and dimming.

DEPLOYMENT

- Please refer to the SmartCast® Deployment Guide at <https://cree.widen.net/s/mvxtfd2pcz/smartcastr-wireless-deployment-guide>

PIR Motion Sensor Coverage



Mounting Height - H (Feet)	Motion Sensor Coverage Diameter - D (Feet)		
	Sensitivity - High (Default)	Sensitivity - Medium	Sensitivity - Low
10	20	10	8
12	26	14	12
14	28	15	13
20	38	Not Recommended	Not Recommended

ZR14™, ZR22™, and ZR24™ LED Troffers - Version D

Delivered Lumens & Electrical Data																										
Size	Lumen Package	Initial Delivered Lumens	10V5 Control												SC1, VDO, VRF, LDE1 Controls											
			Wattage		Current [A]					EB Wattage	EB Current [A]				Wattage		Current [A]					EB Wattage	EB Current [A]			
			120-277V	120-347V	120V	208V	240V	277V	347V	120-277V	120V	208V	240V	277V	120-277V	347V	120V	208V	240V	277V	347V	120-277V	120V	208V	240V	277V
2x2	26L	2,600	18	N/A	0.17	0.10	0.08	0.07	N/A	21	0.19	0.11	0.09	0.08	18	21	0.17	0.10	0.08	0.07	0.06	21	0.19	0.11	0.09	0.08
1x4, 2x2, 2x4	30L	3,000	21	N/A	0.19	0.11	0.09	0.08	N/A	24	0.22	0.12	0.11	0.09	21	24	0.19	0.11	0.09	0.08	0.07	24	0.22	0.12	0.11	0.09
1x4, 2x2, 2x4	40L	4,000	27	27	0.24	0.14	0.12	0.10	0.09	30	0.27	0.15	0.13	0.11	27	29	0.24	0.14	0.12	0.10	0.09	30	0.27	0.15	0.13	0.11
1x4, 2x2, 2x4	50L	5,000	35	35	0.31	0.18	0.15	0.13	0.12	38	0.34	0.19	0.17	0.14	35	38	0.31	0.18	0.15	0.13	0.12	38	0.34	0.19	0.17	0.14
1x4, 2x4	60L	6,000	42	42	0.37	0.21	0.18	0.16	0.14	45	0.39	0.23	0.20	0.17	42	44	0.37	0.21	0.18	0.16	0.14	45	0.39	0.23	0.20	0.17
2x4	70L	7,000	47	47	0.41	0.24	0.20	0.17	0.15	50	0.44	0.25	0.21	0.19	47	49	0.41	0.24	0.20	0.17	0.15	50	0.44	0.25	0.21	0.19
2x4	80L	8,000	54	54	0.47	0.27	0.23	0.20	0.18	57	0.49	0.29	0.25	0.21	54	57	0.47	0.27	0.23	0.20	0.18	57	0.49	0.29	0.25	0.21
2x4	100L	10,000	67	67	0.58	0.34	0.29	0.25	0.22	69	0.61	0.35	0.30	0.26	67	70	0.58	0.34	0.29	0.25	0.22	69	0.61	0.35	0.30	0.26

* Electrical data at 25°C (77°F). Actual wattage and lumens may differ by +/- 10% when operating between 120-277V, 120-347V or 347V +/- 10%.

ZR Series Ambient Adjusted Lumen Maintenance ¹					
Ambient	Initial LMF	25K hr Reported ² LMF	50K hr Reported ² LMF	75K hr Estimated ³ LMF	100K hr Estimated ³ LMF
0°C (32°F)	1.04	0.99	0.95	0.91	0.87
5°C (41°F)	1.04	0.99	0.95	0.91	0.87
10°C (50°F)	1.03	0.98	0.94	0.90	0.86
15°C (59°F)	1.02	0.97	0.93	0.89	0.85
20°C (68°F)	1.01	0.96	0.92	0.88	0.85
25°C (77°F)	1.00	0.95	0.91	0.87	0.84
30°C (86°F)	0.99	0.93	0.89	0.85	0.81
35°C (95°F)	0.98	0.91	0.86	0.82	0.77

¹ Lumen maintenance values at 25°C (77°F) are calculated per IES TM-21 based on IES LM-80 report data for the LED package and in-situ luminaire testing. Luminaire ambient temperature factors (LATF) have been applied to all lumen maintenance factors.

² In accordance with IES TM-21, Reported values represent interpolated values based on time durations that are up to 6x the tested duration in the IES LM-80 report for the LED.

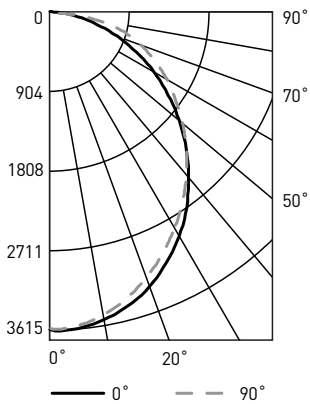
³ Estimated values are calculated and represent time durations that exceed the 6x test duration of the LED.

Delivered Emergency Lumens	
Lumen Package	Approximate Delivered Emergency Lumens
26L	1,440
30L	1,430
40L	1,480
50L	1,430
60L	1,430
70L	1,490
80L	1,480
100L	1,490

Photometry

FLX24-100L-930-ARC-10V1-UNV BASED ON RESTL REPORT TEST #: PL16330-001A

Luminaire photometry has been conducted in accordance with IES LM-79. IES LM-79 specifies the entire luminaire as the source resulting in a luminaire efficiency of 100%.



Coefficients Of Utilization - Zonal Cavity Method				
RC %:	80			
RW %:	70	50	30	10
RCR: 0	119	119	119	119
1	108	103	99	95
2	98	90	83	77
3	90	79	71	64
4	82	70	61	54
5	76	63	54	47
6	70	56	47	41
7	65	51	42	36
8	60	47	38	32
9	56	43	35	29
10	53	40	32	27

Effective Floor Cavity Reflectance: 20%

Average Luminance Table (cd/m ²)			
Vertical Angle	Horizontal Angle		
	0°	45°	90°
45°	4,495	4,373	4,454
55°	4,145	4,133	4,377
65°	3,739	4,003	4,497
75°	3,110	4,066	4,960
85°	2,061	4,185	5,209

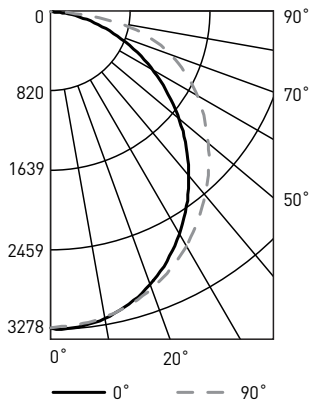
Reference <https://www.creelighting.com/products/indoor/troffers/zr-series> for detailed photometric data.

Zonal Lumen Summary			
Zone	Lumens	% Lamp	Luminaire
0-30	2,697	N/A	28.0%
0-40	4,338	N/A	45.0%
0-60	7,468	N/A	77.5%
0-90	9,641	N/A	100%
0-180	9,641	N/A	100%

Photometry

FLX24-100L-930-CRV-10V1-UNV BASED ON RESTL REPORT TEST #: PL16304-001A

Luminaire photometry has been conducted in accordance with IES LM-79. IES LM-79 specifies the entire luminaire as the source resulting in a luminaire efficiency of 100%.



Coefficients Of Utilization – Zonal Cavity Method				
RC %:	80			
RW %:	70	50	30	10
RCR: 0	119	119	119	119
1	108	103	98	94
2	98	89	82	75
3	89	78	69	62
4	81	69	59	52
5	74	61	52	45
6	69	55	46	39
7	64	50	41	35
8	59	45	37	31
9	55	42	33	28
10	52	38	30	25

Effective Floor Cavity Reflectance: 20%

Average Luminance Table (cd/m²)			
Vertical Angle	Horizontal Angle		
	0°	45°	90°
45°	4,051	4,341	4,714
55°	3,738	4,292	4,892
65°	3,377	4,409	5,313
75°	2,846	4,804	6,064
85°	2,059	5,089	5,578

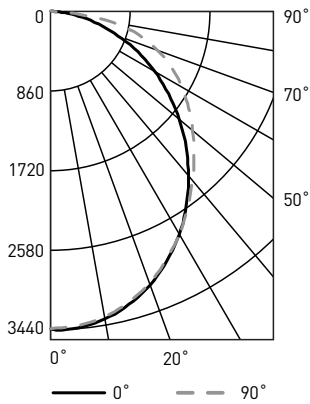
Zonal Lumen Summary			
Zone	Lumens	% Lamp	Luminaire
0-30	2,496	N/A	25.9%
0-40	4,070	N/A	42.3%
0-60	7,216	N/A	74.9%
0-90	9,631	N/A	100%
0-180	9,631	N/A	100%

Reference <https://www.creelighting.com/products/indoor/troffers/zr-series> for detailed photometric data.

Photometry

FLX24-100L-930-SQ-10V1-UNV BASED ON RESTL REPORT TEST #: PL16329-001B

Luminaire photometry has been conducted in accordance with IES LM-79. IES LM-79 specifies the entire luminaire as the source resulting in a luminaire efficiency of 100%.



Coefficients Of Utilization – Zonal Cavity Method				
RC %:	80			
RW %:	70	50	30	10
RCR: 0	119	119	119	119
1	108	103	99	95
2	98	89	82	76
3	89	78	70	63
4	82	69	60	53
5	75	62	53	46
6	69	56	47	40
7	64	51	42	35
8	60	46	38	32
9	56	42	34	28
10	52	39	31	26

Effective Floor Cavity Reflectance: 20%

Average Luminance Table (cd/m²)			
Vertical Angle	Horizontal Angle		
	0°	45°	90°
45°	4,246	4,346	4,498
55°	3,927	4,244	4,604
65°	3,565	4,284	4,955
75°	3,011	4,478	5,512
85°	2,030	4,015	4,278

Zonal Lumen Summary			
Zone	Lumens	% Lamp	Luminaire
0-30	2,596	N/A	27.0%
0-40	4,192	N/A	43.6%
0-60	7,322	N/A	76.2%
0-90	9,610	N/A	100%
0-180	9,610	N/A	100%

Reference <https://www.creelighting.com/products/indoor/troffers/zr-series> for detailed photometric data.

Application Reference

Open Space						
Spacing	Lumen Package	Initial Delivered Lumens	Wattage	LPW	w/ft ²	Average fc
8 x 8	26L	2,600	18	144	0.27	36
	30L	3,000	21	143	0.32	42
	40L	4,000	27	148	0.41	56
	50L	5,000	35	143	0.53	70
8 x 10	26L	2,600	18	144	0.23	30
	30L	3,000	21	143	0.26	35
	40L	4,000	27	148	0.34	47
	50L	5,000	35	143	0.44	58
10 x 10	26L	2,600	18	144	0.18	24
	30L	3,000	21	143	0.21	28
	40L	4,000	27	148	0.27	37
	50L	5,000	35	143	0.35	47
10 x 12	26L	2,600	18	144	0.14	19
	30L	3,000	21	143	0.17	22
	40L	4,000	27	148	0.22	30
	50L	5,000	35	143	0.28	37

10' ceiling: 80/50/20 reflectances; 2.5' workplane, open room. LLF: 1.0 Initial
 Open Space: 50' x 40' x 10
 Applies to AC, CV and SQ lenses.

Application Reference

Open Space						
Spacing	Lumen Package	Initial Delivered Lumens	Wattage	LPW	w/ft ²	Average fc
8 x 8	60L	6,000	42	143	0.63	56
	70L	7,000	47	149	0.71	65
	80L	8,000	54	148	0.81	74
	100L	10,000	67	149	1.01	93
	100L	10,000	67	149	1.01	93
8 x 10	60L	6,000	42	143	0.53	46
	70L	7,000	47	149	0.59	54
	80L	8,000	54	148	0.68	61
	100L	10,000	67	149	0.84	77
	100L	10,000	67	149	0.84	77
10 x 10	60L	6,000	42	143	0.42	37
	70L	7,000	47	149	0.47	43
	80L	8,000	54	148	0.54	49
	100L	10,000	67	149	0.67	62
	100L	10,000	67	149	0.67	62
10 x 12	60L	6,000	42	143	0.34	29
	70L	7,000	47	149	0.38	34
	80L	8,000	54	148	0.43	39
	100L	10,000	67	149	0.54	49
	100L	10,000	67	149	0.54	49

25' ceiling: 80/50/20 reflectances; 2.5' workplane, open room. LLF: 1.0 Initial
 Open Space: 50' x 40' x 10
 Applies to AC, CV and SQ lenses.

Lens Images



CV

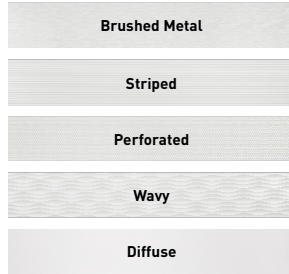
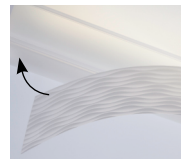


AR



SQ

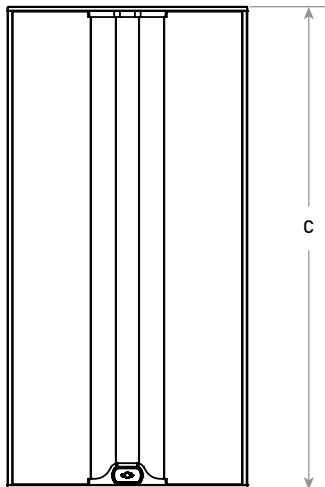
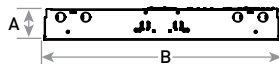
Inner Optic Overlay Diffuser Accessories



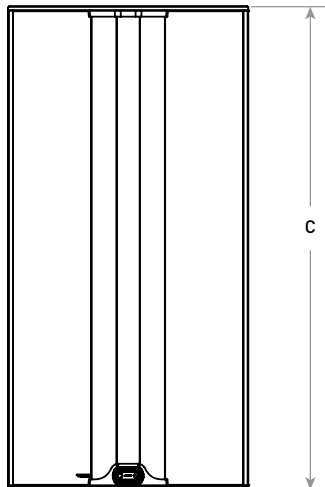
Inner Optic Overlay Diffuser Accessories (for use with AR Lens only)

Field-Installed	
For use with 10V5 and LDE1	
Wavy Inner Optic Diffuser, 10-Pack FLX-WVD-4 (1x4 & 2x4 luminaires) FLX-WVD-2 (2x2 luminaires)	
Perforated Inner Optic Diffuser, 10-Pack FLX-PFD-4 (1x4 & 2x4 luminaires) FLX-PFD-2 (2x2 luminaires)	
Diffuse Inner Optic, 10-Pack FLX-STD-4 (1x4 & 2x4 luminaires) FLX-STD-2 (2x2 luminaires)	
Brushed Metal Inner Optic Diffuser, 10-Pack FLX-BMD-4 (1x4 & 2x4 luminaires) FLX-BMD-2 (2x2 luminaires)	
Striped Inner Optic Diffuser, 10-Pack FLX-STRD-4 (1x4 & 2x4 luminaires) FLX-STRD-2 (2x2 luminaires)	
Sample Inner Optic Diffuser Kit FLX-SMPL-4 (1x4 & 2x4 luminaires) FLX-SMPL-2 (2x2 luminaires) - Includes one of each optic overlay diffuse accessory (wavy, perforated, diffuse, brushed metal and striped)	
For use with SC1, VDO, and VRF Controls	
Wavy Inner Optic Diffuser, 10-Pack FLX-SCLV-WVD-4 (1x4 & 2x4 luminaires) FLX-SCLV-WVD-2 (2x2 luminaires)	
Perforated Inner Optic Diffuser, 10-Pack FLX-SCLV-PFD-4 (1x4 & 2x4 luminaires) FLX-SCLV-PFD-2 (2x2 luminaires)	
Diffuse Inner Optic, 10-Pack FLX-SCLV-STD-4 (1x4 & 2x4 luminaires) FLX-SCLV-STD-2 (2x2 luminaires)	
Brushed Metal Inner Optic Diffuser, 10-Pack FLX-SCLV-BMD-4 (1x4 & 2x4 luminaires) FLX-SCLV-BMD-2 (2x2 luminaires)	
Striped Inner Optic Diffuser, 10-Pack FLX-SCLV-STRD-4 (1x4 & 2x4 luminaires) FLX-SCLV-STRD-2 (2x2 luminaires)	

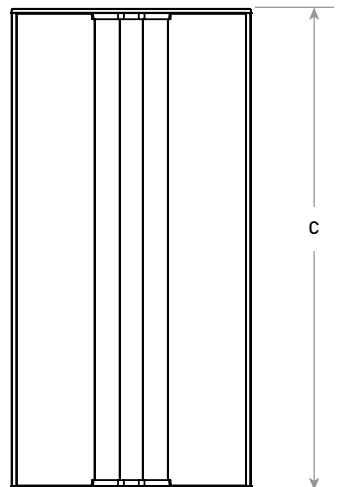
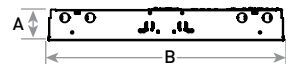
SC1 SMARTCAST® TECHNOLOGY CONTROL



VDO/VRF CONTROLS



LDE1 CONTROL



SC1, VDO, VRF, LDE1 Dimensions						
	DIM "A"	DIM "A" w/EB	DIM "B"	DIM "C"	Weight	Weight w/EB
1x4	4.0" [101mm]	4.0" [101mm]	11.7" [298mm]	47.7" [1213mm]	11.0 lbs. [5.0kg]	16.0 lbs. [7.3kg]
2x2	4.0" [101mm]	3.3" [84mm]	23.7" [603mm]	23.8" [604mm]	9.0 lbs. [4.1kg]	14.0 lbs. [6.4kg]
2x4	4.0" [101mm]	3.3" [84mm]	23.7" [603mm]	47.7" [1213mm]	15.0 lbs. [6.8kg]	20.0 lbs. [9.1kg]