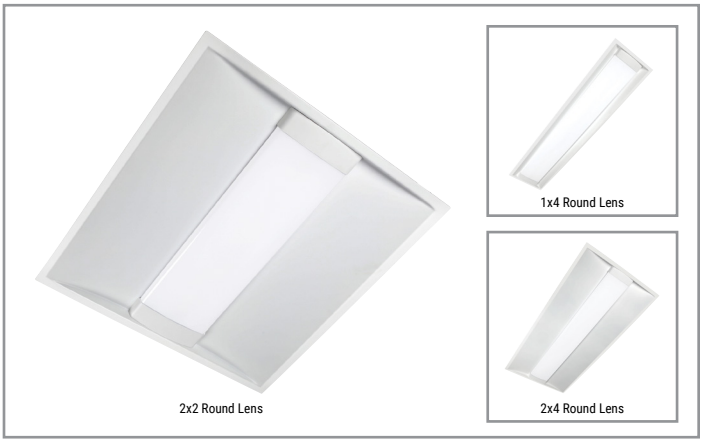
Project		**Catalog #**		**Type**	
Prepared by		**Notes**		**Date**	



Metalux

Achieva™ Selectable Center Basket

Achieva™ Selectable Lumens and CCT Troffer
1x4 / 2x2 / 2x4

Typical Applications

Offices • Education • Healthcare • Retail

Interactive Menu

- Order Information/Performance page 2
- Photometric Data page 8
- Product Specifications page 9
- Control Solutions page 10
- Product Warranty

Product Certification

Product Features

Top Product Features

- Selectable lumens (low/medium/high) and selectable CCT (3500K/4000K/5000K) in 80 CRI for use in a variety of applications and stock simplicity
- Selectable lumens offered in both standard selectable and high output selectable options
- Available in Round or Square lens options
- Shallow plenum - 1.5" depth fits the most challenging spaces
- 0-10V dimming to 5% standard with 120-277V UNV
- Fully assembled driver integrated without exposed wires in the plenum
- Emergency, Wavelinx, and Flex options available
- Matches Achieva Surface for one family look across a space

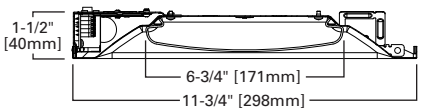
Achieva Dimensions

(Full Dimensions on Page 6)

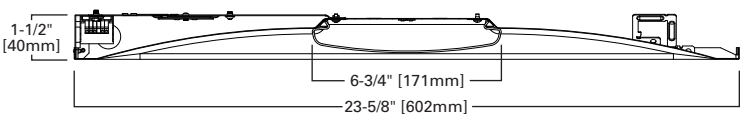
See page 6 for Junction Box details for ARS

additional product diagrams

1' x 4'

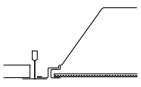


2' x 2', 2' x 4'

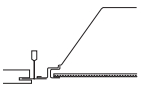


Ceiling Compatibility

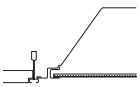
G Grid/Lay-in Standard



G Concealed T



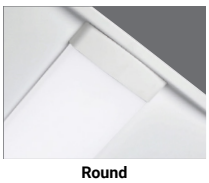
G Slot Grid



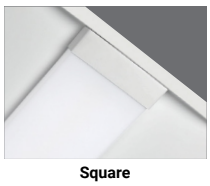
Ceiling Type	Trim Type
Exposed Grid	Standard
Concealed T	Standard
Slot Grid	Standard
Flange	*

*See Drywall Frame Kit Accessory in Ordering Information Section

Lens



Round



Square

Achieva Ordering Information/Performance - Round Lens

Default CCT/Lumen Setting: 4000K / Med Power

Size	Catalog Number	Pack	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)	Glare Performance	
									UGR [1]	Max Luminance [1]
2x4	24ARS-L3C3-UNV	Single Carton	Low	3500K	80	3407	24.8	137	19.0	1703
				4000K	80	3532	24.2	146	19.2	1765
				5000K	80	3519	24.9	141	19.1	1759
			Medium	3500K	80	4566	34.4	133	20.0	2282
				4000K	80	4777	33.3	143	20.2	2388
				5000K	80	4718	34.5	137	20.2	2358
			High	3500K	80	5877	47.0	125	20.9	2937
				4000K	80	6254	45.5	138	21.1	3126
				3500K	80	6078	46.4	131	21.1	3059
2x2	22ARS-L3C3-UNV	Single Carton	Low	3500K	80	2767	20.8	133	20.5	2520
				4000K	80	2867	20.2	142	20.6	2611
				5000K	80	2823	20.8	136	20.6	2571
			Medium	3500K	80	3488	27.2	129	21.3	3177
				4000K	80	3646	26.3	139	21.5	3321
				5000K	80	3563	27.2	131	21.4	3245
			High	3500K	80	4183	33.4	125	21.9	3810
				4000K	80	4308	32.9	131	22.0	3924
				5000K	80	4229	33.3	127	22.0	3852
1x4	14ARS-L3C3-UNV	Single Carton	Low	3500K	80	2790	20.5	136	20.2	3081
				4000K	80	2890	19.9	145	20.4	3191
				5000K	80	2871	20.6	140	20.3	3170
			Medium	3500K	80	3530	26.8	132	21.0	3898
				4000K	80	3695	25.9	142	21.2	4070
				5000K	80	3632	26.9	135	21.1	4011
			High	3500K	80	4584	34.4	133	22.0	5062
				4000K	80	4647	32.9	141	22.0	5132
				5000K	80	4579	34.1	134	22.0	5057

Notes:
(1) UGR values per CIE 190:2010 with 4H, 8H, Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane.

Luminance measured at 45-90 degrees from nadir.

UGR and Luminance values that meet WELL v2 L04 requirements for Managing Glare are shown with green highlighted cell (UGR < 16, Luminance < 6,000).

UGR and Luminance values that meet LEED v4.1 requirements for Glare Control are shown with green text (UGR < 19, Luminance < 7,000).

Key

	Meets WELL v2
TEXT	Meets LEED v4.1

Achieva Ordering Information/Performance - Round Lens

Default CCT/Lumen Setting: 4000K / Med Power

Size	Catalog Number	Pack	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)	Glare Performance	
									UGR [1]	Max Luminance [1]
2x4	MULTI-PACKS OF 24ARS-L3C3-UNV-MP2 DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Multi-Pack (2)	Low	3500K	80	3407	24.8	137	19.0	1703
				4000K	80	3532	24.2	146	19.2	1765
				5000K	80	3519	24.9	141	19.1	1759
			Medium	3500K	80	4566	34.4	133	20.0	2282
				4000K	80	4777	33.3	143	20.2	2388
				5000K	80	4718	34.5	137	20.2	2358
			High	3500K	80	5877	47.0	125	20.9	2937
				4000K	80	6254	45.5	138	21.1	3126
				3500K	80	6078	46.4	131	21.1	3059
2x4	24ARS-L3C39-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Single Carton	Low	3500K	90	3435	24.6	140	19.1	1717
				4000K	90	3495	24.0	145	19.1	1747
				5000K	90	3443	24.6	140	19.1	1721
			Medium	3500K	90	4602	33.9	136	20.1	2300
				4000K	90	4710	32.9	143	20.2	2354
				5000K	90	4614	33.8	136	20.1	2306
			High	3500K	90	6032	45.3	133	21.0	3015
				4000K	90	6172	43.9	141	21.1	3085
				5000K	90	5939	45.3	131	21.0	2968
2x4	24ARS-L3C3-HO-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Single Carton	Low	3500K	80	6331	47.5	133	21.2	3164
				4000K	80	6630	46.0	144	21.3	3314
				5000K	80	6528	47.6	137	21.3	3263
			Medium	3500K	80	6971	53.5	130	21.5	3484
				4000K	80	7332	51.6	142	21.7	3665
				5000K	80	7186	53.6	134	21.6	3592
			High	3500K	80	7652	60.9	126	21.8	3825
				4000K	80	8158	58.4	140	22.1	4078
				5000K	80	8064	60.7	133	22.0	4030

DISCONTINUED

Notes:
(1) UGR values per CIE 190:2010 with 4H, 8H, Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane.

Luminance measured at 45-90 degrees from nadir.

UGR and Luminance values that meet WELL v2 L04 requirements for Managing Glare are shown with green highlighted cell (UGR < 16, Luminance < 6,000).

UGR and Luminance values that meet LEED v4.1 requirements for Glare Control are shown with green text (UGR < 19, Luminance < 7,000).

Key

	Meets WELL v2
TEXT	Meets LEED v4.1

Achieva Ordering Information/Performance - Round Lens

Default CCT/Lumen Setting: 4000K / Med Power

Size	Catalog Number	Pack	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)	Glare Performance	
									UGR [1]	Max Luminance [1]
2x2	MULTI-PACKS OF 22ARS-L3C3-UNV-MP4 DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Multi-Pack (2)	Low	3500K	80	2767	20.8	133	20.5	2520
				4000K	80	2867	20.2	142	20.6	2611
				5000K	80	2823	20.8	136	20.6	2571
			Medium	3500K	80	3488	27.2	129	21.3	3177
				4000K	80	3646	26.3	139	21.5	3321
				5000K	80	3563	27.2	131	21.4	3245
			High	3500K	80	4183	33.4	125	21.9	3810
				4000K	80	4308	32.9	131	22.0	3924
				5000K	80	4229	33.3	127	22.0	3852
2x2	22ARS-L3C39-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Single Carton	Low	3500K	90	2729	20.2	135	20.5	2486
				4000K	90	2755	19.7	140	20.5	2509
				5000K	90	2694	20.1	134	20.4	2454
			Medium	3500K	90	3458	26.4	131	21.3	3150
				4000K	90	3532	25.6	138	21.3	3217
				5000K	90	3424	26.2	131	21.2	3119
			High	3500K	90	4157	33.0	126	21.9	3786
				4000K	90	4218	32.8	128	22.0	3842
				5000K	90	4186	33.0	127	21.9	3813
2x2	22ARS-L3C3-HO-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Single Carton	Low	3500K	80	5001	38.4	130	22.4	4588
				4000K	80	5263	37.0	142	22.6	4828
				5000K	80	5142	38.4	134	22.5	4717
			Medium	3500K	80	5417	42.3	128	22.7	4969
				4000K	80	5705	40.7	140	22.9	5233
				5000K	80	5551	42.2	131	22.8	5092
			High	3500K	80	5973	46.8	128	23.0	5479
				4000K	80	6372	45.1	141	23.3	5845
				5000K	80	6204	46.8	133	23.2	5691

Default CCT/Lumen Setting: 4000K / Med Power

Size	Catalog Number	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)	Glare Performance	
								UGR [1]	Max Luminance [1]
1x4	14ARS-L3C39-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	90	2800	20.3	138	20.2	3092
			4000K	90	2845	19.8	144	20.3	3141
			5000K	90	2796	20.3	138	20.2	3087
		Medium	3500K	90	3549	26.5	134	21.0	3919
			4000K	90	3628	25.7	141	21.1	3996
			5000K	90	3507	26.5	134	21.0	3873
		High	3500K	90	4573	33.6	136	22.0	5050
			4000K	90	4592	32.5	141	22.0	5071
			5000K	90	4514	34.3	134	22.0	4985

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DISCONTINUED

Notes:
(1) UGR values per CIE 190:2010 with 4H, 8H, Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane.
Luminance measured at 45-90 degrees from nadir.
UGR and Luminance values that meet WELL v2 L04 requirements for Managing Glare are shown with green highlighted cell (UGR < 16, Luminance < 6,000).
UGR and Luminance values that meet LEED v4.1 requirements for Glare Control are shown with green text (UGR < 19, Luminance < 7,000).

Key

	Meets WELL v2
TEXT	Meets LEED v4.1

Achieva Ordering Information/Performance - Square Lens

Default CCT/Lumen Setting: 4000K / Med Power

Size	Catalog Number	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)	Glare Performance	
								UGR (1)	Max Luminance (1)
2x4	24ARS-L3C3-SQR-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	80	3432	24.3	141	19.0	1703
			4000K	80	3563	23.3	153	19.2	1765
			5000K	80	3565	24.1	148	19.1	1759
		Medium	3500K	80	4598	33.7	136	20.0	2282
			4000K	80	4818	32.1	150	20.2	2388
			5000K	80	4781	33.4	143	20.2	2358
		High	3500K	80	5919	46.0	129	20.9	2937
			4000K	80	6308	43.9	144	21.1	3126
			5000K	80	6201	45.7	136	21.1	3059
2x4	24ARS-L3C39-SQR-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	90	3379	24.9	136	19.1	1717
			4000K	90	3430	24.2	141	19.1	1747
			5000K	90	3391	24.9	136	19.1	1721
		Medium	3500K	90	4527	34.2	132	20.1	2300
			4000K	90	4623	33.2	139	20.2	2354
			5000K	90	4544	34.2	133	20.1	2306
		High	3500K	90	5933	45.7	130	21.0	3015
			4000K	90	6058	44.2	137	21.1	3085
			5000K	90	5850	45.8	128	21.0	2968
2x4	24ARS-L3C3-HO-SQR-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	80	6267	46.9	134	21.2	3164
			4000K	80	6609	45.3	146	21.3	3314
			5000K	80	6515	47.1	138	21.3	3263
		Medium	3500K	80	6900	52.8	131	21.5	3484
			4000K	80	7310	50.8	144	21.7	3665
			5000K	80	7172	53.1	135	21.6	3592
		High	3500K	80	7574	60.1	126	21.8	3825
			4000K	80	8134	57.6	141	22.1	4078
			5000K	80	8047	60.0	134	22.0	4030

DISCONTINUED

Notes:
(1) UGR values per CIE 190:2010 with 4H, 8H, Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane.
Luminance measured at 45-90 degrees from nadir.
UGR and Luminance values that meet WELL v2 L04 requirements for Managing Glare are shown with green highlighted cell (UGR < 16, Luminance < 6,000).
UGR and Luminance values that meet LEED v4.1 requirements for Glare Control are shown with green text (UGR < 19, Luminance < 7,000).

Key

	Meets WELL v2
TEXT	Meets LEED v4.1

Achieva Ordering Information/Performance - Square Lens

Default CCT/Lumen Setting: 4000K / Med Power

Size	Catalog Number	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)	Glare Performance	
								UGR (1)	Max Luminance (1)
2x2	22ARS-L3C3-SQR-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	80	2785	20.9	133	20.5	2520
			4000K	80	2824	20.2	140	20.6	2611
			5000K	80	2815	21.0	134	20.6	2571
		Medium	3500K	80	3510	27.4	128	21.3	3177
			4000K	80	3593	26.2	137	21.5	3321
			5000K	80	3553	27.5	129	21.4	3245
		High	3500K	80	4209	33.6	125	21.9	3810
			4000K	80	4244	32.9	129	22.0	3924
			5000K	80	4217	33.6	126	22.0	3852
2x2	22ARS-L3C39-SQR-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	90	2704	20.2	134	20.5	2486
			4000K	90	2696	19.7	137	20.5	2509
			5000K	90	2645	20.0	132	20.4	2454
		Medium	3500K	90	3426	26.3	130	21.3	3150
			4000K	90	3456	25.6	135	21.3	3217
			5000K	90	3362	26.1	129	21.2	3119
		High	3500K	90	4118	32.9	125	21.9	3786
			4000K	90	4127	32.8	126	22.0	3842
			5000K	90	4111	32.9	125	21.9	3813
2x2	22ARS-L3C3-HO-SQR-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	80	5006	38.5	130	22.4	4588
			4000K	80	5273	37.3	142	22.6	4828
			5000K	80	5117	38.6	133	22.5	4717
		Medium	3500K	80	5421	42.5	127	22.7	4969
			4000K	80	5716	41.0	140	22.9	5233
			5000K	80	5524	42.5	130	22.8	5092
		High	3500K	80	5978	47.0	127	23.0	5479
			4000K	80	6384	45.4	141	23.3	5845
			5000K	80	6175	47.0	131	23.2	5691

DISCONTINUED

Notes:
(1) UGR values per CIE 190:2010 with 4H, 8H, Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane.

Luminance measured at 45-90 degrees from nadir.

UGR and Luminance values that meet WELL v2 L04 requirements for Managing Glare are shown with green highlighted cell (UGR < 16, Luminance < 6,000).

UGR and Luminance values that meet LEED v4.1 requirements for Glare Control are shown with green text (UGR < 19, Luminance < 7,000).

Key

	Meets WELL v2
TEXT	Meets LEED v4.1

Achieva Ordering Information/Performance - Square Lens

Default CCT/Lumen Setting: 4000K / Med Power

Size	Catalog Number	Lumen Setting	CCT	CRI (Min)	Delivered Nominal Lumens	Watts	Efficacy (lm/W)	Glare Performance	
								UGR (1)	Max Luminance (1)
1x4	14ARS-L3C3-SQR-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	80	2748	20.6	133	20.2	3081
			4000K	80	2876	20.0	144	20.4	3191
			5000K	80	2871	20.8	138	20.3	3170
		Medium	3500K	80	3478	27.0	129	21.0	3898
			4000K	80	3666	26.0	141	21.2	4070
			5000K	80	3632	27.1	134	21.1	4011
		High	3500K	80	4515	34.6	130	22.0	5062
			4000K	80	4623	33.0	140	22.0	5132
			5000K	80	4579	34.5	133	22.0	5057
1x4	14ARS-L3C39-SQR-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	90	2787	19.7	142	20.2	3125
			4000K	90	2830	19.2	147	20.3	3140
			5000K	90	2790	19.3	143	20.2	3081
		Medium	3500K	90	3532	25.7	137	21.1	3959
			4000K	90	3609	25.0	144	21.1	4007
			5000K	90	3500	25.2	139	21.0	3865
		High	3500K	90	4551	32.6	140	22.0	5102
			4000K	90	4567	31.6	145	22.0	5070
			5000K	90	4505	32.6	138	21.9	4975
1x4	14ARS-L3C3-HO-SQR-UNV DISCONTINUED CONTACT FACTORY FOR REMAINING STOCK	Low	3500K	80	5307	38.3	139	22.3	5673
			4000K	80	5438	36.9	147	22.5	5921
			5000K	80	5316	38.2	139	22.4	5795
		Medium	3500K	80	5761	42.4	136	22.6	6160
			4000K	80	5916	40.7	145	22.8	6443
			5000K	80	5759	42.2	136	22.7	6279
		High	3500K	80	6258	46.9	133	22.9	6690
			4000K	80	6469	45.0	144	23.1	7043
			5000K	80	6301	46.7	135	23.0	6871

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Notes:
(1) UGR values per CIE 190:2010 with 4H, 8H, Reflectance: 70% Ceiling, 50% Wall, 20% Ref. Plane.

Luminance measured at 45-90 degrees from nadir.

UGR and Luminance values that meet WELL v2 L04 requirements for Managing Glare are shown with green highlighted cell (UGR < 16, Luminance < 6,000).

UGR and Luminance values that meet LEED v4.1 requirements for Glare Control are shown with green text (UGR < 19, Luminance < 7,000).

Key

	Meets WELL v2
TEXT	Meets LEED v4.1

Achieva Options

Gray bar denotes 10-Day Quick Spec (1)

Catalog	Description	Example	Notes
EL7W	7W EM Pack, Installed	22ARS-L3C3-UNV-EL7W	Integrated Indicator/Test Switch into end cap
EL14W	14W EM Pack, Installed	24ARS-L3C3-UNV-EL14W	Integrated Indicator/Test Switch into end cap
A3/8-5/18GDIM	6' Length, 3/8" Cable, 3 Wire, 3 Dimming Leads, Ground	24ARS-L3C3-UNV-A3/8-5/18GDIM	
EL7W-A3/8-5/18GDIM EL14W-A3/8-5/18GDIM	7W/14W EM Pack, Installed, and 6' Flex, 3/8" Cable, 3 Wire, 2 Dimming Leads, Ground	24ARS-L3C3–UNV-EL7W-A3/8-5/18GDIM 22ARS-L3C3–UNV-EL14W-A3/8-5/18GDIM	EL7W and EL14W only use 5/18G flex with emergency. EM pack is always specified before (to the left of) the flex, in the catalog number.
WLS	WaveLinx LITE Wireless Integrated Sensor	22ARS-L3C3-UNV-WLS	Sensor Integrated into end cap
WPS	WaveLinx PRO Wireless Integrated Sensor	24ARS-L3C3-UNV-WPS	Sensor Integrated into end cap
WNPS-WLS	WaveLinx normal power sensing device and LITE integrated sensor	22ARS-L3C3-UNV-WNPS-WLS	WNPS cannot be ordered with emergency or relay options such as ELxxx
WNPS-WPS	WaveLinx normal power sensing device and PRO integrated sensor	22ARS-L3C3-UNV-WNPS-WPS	WNPS cannot be ordered with emergency or relay options such as ELxxx

Notes: *Emergency + Sensor Available (EL7W/EL14W + WPS/WLS).
(1) QS=100 luminaires maximum order.

Achieva Shipping Data

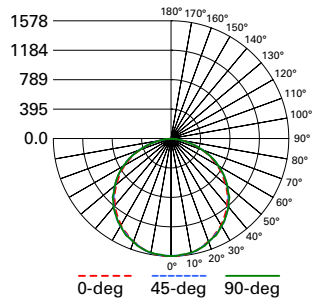
Size	Fixture Net Weight	Fixture Gross Weight	Fixture Dimension	Carton Dimension	Fixtures per Carton	Pallet QTY (Cartons)	Pallet QTY (Fixtures)
2' x 2'	6.8 lbs.	9 lbs.	23.7" L x 1.8" W x 23.7" H	25.7" L x 2.8" W x 26.2" H	1	54	54
2' x 4'	11.3 lbs.	15.8 lbs.	47.7" L x 1.8" W x 23.7" H	50.4" L x 2.8" W x 26" H	1	27	27
1' x 4'	7 lbs.	10.2 lbs.	47.7" L x 1.8" W x 11.7" H	50.4" L x 2.8" W x 15.2" H	1	27	27
2' x 2' MP4	6.8 lbs.	31.8 lbs.	23.7" L x 1.8" W x 23.7" H	27.2" L x 8.1" W x 27.4" H	4	12	48
2' x 4' MP2	11.3 lbs.	30.1 lbs.	47.7" L x 1.8" W x 23.7" H	51.2" L x 5.1" W x 27.8" H	2	9	18

Accessories (order separately)

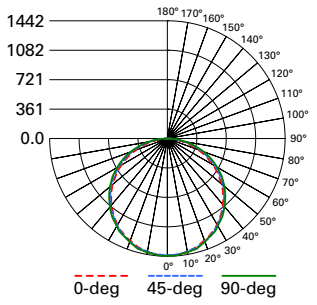
DF-14W-U=1' x 4' Drywall Frame Kit
DF-22W-U=2' x 2' Drywall Frame Kit
DF-24W-U=2' x 4' Drywall Frame Kit
SK-22-WS=2' x 2' Shallow Surface Mount Kit
SK-24-WS=2' x 4' Shallow Surface Mount Kit
SK-14-WT=1' x 4' Tall Surface Mount Kit
SK-22-WT=2' x 2' Tall Surface Mount Kit
SK-24-WT=2' x 4' Tall Surface Mount Kit

Photometric Data

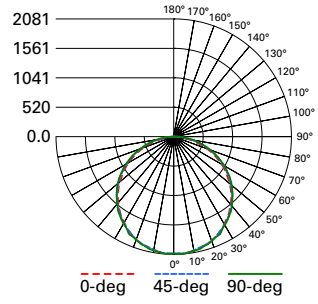
View IES files



14ARS-L3C3-UNV-4000K-HI
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.26 x mounting height, (⊥) 1.28 x mounting height
Lumens: 4647
Input Watts: 32.9W
Efficacy: 141 LPW
Test Report: 14ARS-L3C3-UNV-4000K-HI.IES



22ARS-L3C3-UNV-4000K-HI
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.26 x mounting height, (⊥) 1.28 x mounting height
Lumens: 4308
Input Watts: 32.9W
Efficacy: 131 LPW
Test Report: 22ARS-L3C3-UNV-4000K-HI.IES



24ARS-L3C3-UNV-4000K-HI
Electronic Driver
Linear LED 4000K
Spacing criterion: (II) 1.27 x mounting height, (⊥) 1.29 x mounting height
Lumens: 6254
Input Watts: 45.5W
Efficacy: 138 LPW
Test Report: 24ARS-L3C3-UNV-4000K-HI.IES

Achieva Product Specifications

Construction
- Die formed of code gauge prime cold rolled steel in one-piece housing design
- Four auxiliary fixture end suspension points
- Integral formed one-piece housing improves aesthetic design removing end plate light gaps
- Integrated T-Grid clip design for screw installation to the grid where required by code and in “earthquake” zones

Integrated Controls
- Standard 0-10V dimming driver down to 5%
- Integrated WaveLinx options provide wireless individual fixture control and enable code compliance, increased energy savings, grouping of fixtures, and connection to WaveLinx control system
- Available in 80 CRI color quality

LED and Light Engine
- Selectable Color temperature choices 3500K, 4000K, and 5000K
- Selectable lumen output up to 6000 lumens, with choices of low, medium, high
- TM21 life at 60,000 hours up to L94 and calculated L70 exceeds 290,000 hrs.
- Driver 120-277V Standard

Emergency Options
- Optional emergency battery available in 7W and 14W
- 90-minute backup period for code compliance
- Factory installed integral test switch visible from room side
- WNPS enables Normal Power Sensing (NPS) functionality, allowing detection of normal power availability as part of a WaveLinx EM solution
- NPS must be ordered with Wavelinx LITE or PRO sensor to enable wireless sensing EM solution
- Order standard product with compatible emergency control device (ESP-P) when pairing NPS enabled luminaires in any space
- NPS luminaires meet requirements

Finish
- Powder Coat matte white
- 90% reflective, matte white enamel finish
- Full fixture housing painted after fabrication

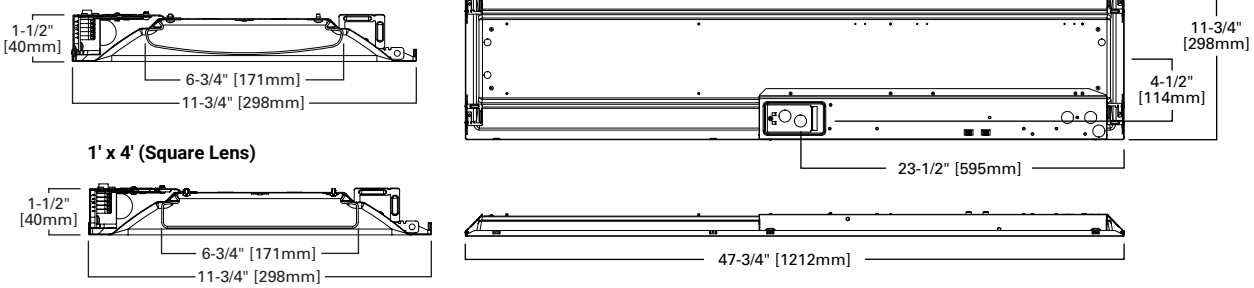
Shielding
- Rounded ribbed frosted lens standard
- Square ribbed frosted lens option

Compliance
- IC rated for insulation contact
- cULus listed for damp locations
- RoHS compliant
- Tested to IESNA LM-79 and LM-80
- Stated life tested to TM21 standards
- Can be used for State of California Title 24 high efficacy luminaire
- Can be use for Non-residentail T24
- DesignLights Consortium® Qualified and classified for DLC Standard and DLC Premium (refer to www.designlights.org)

Limited Warranty
- Five-year limited warranty standard. Optional limited ten year warranty available.

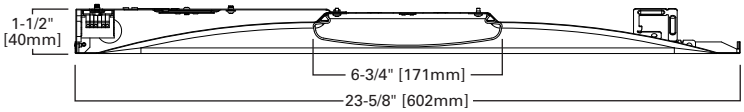
Dimensional and Mounting Details - Round Lens

1' x 4' (Round Lens)

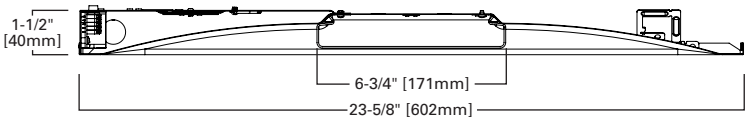


1' x 4' (Square Lens)

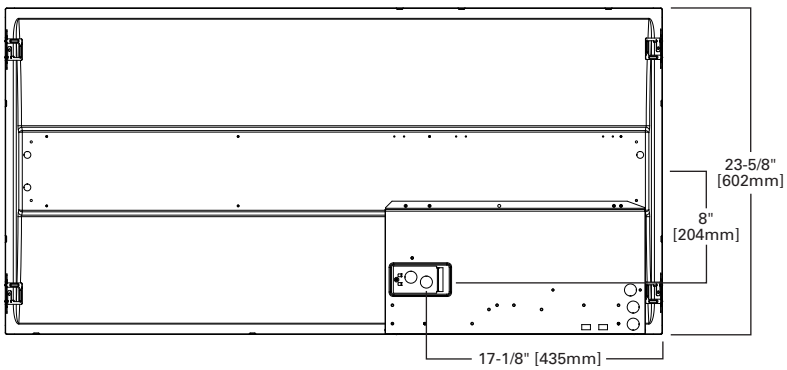
2' x 2', 2' x 4' (Round Lens)



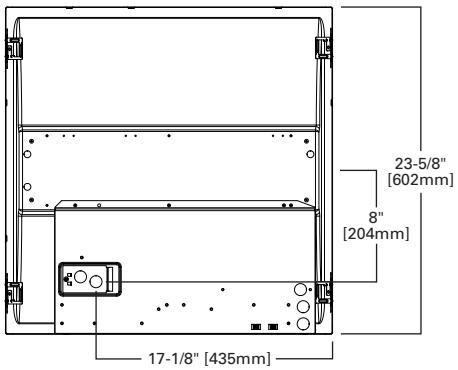
2' x 2', 2' x 4' (Square Lens)



2' x 4'



2' x 2'

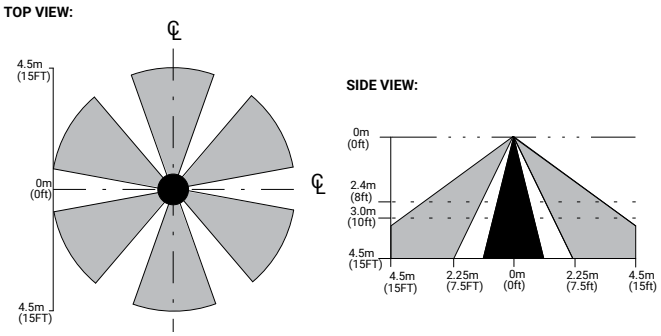


Control Solutions

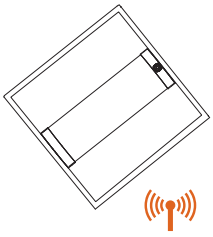
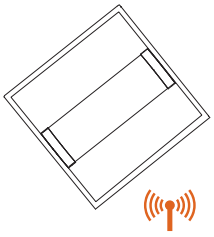
- WaveLinx LITE wireless
- WaveLinx PRO wireless
- WaveLinx CAT wired
- WaveLinx DALI wired

WaveLinx Digital Lighting Control Solutions

Integrated Sensor Coverage Pattern



***Note**: Installation of integrated sensors within 3-ft (1m) of HVAC air vents is not recommended. The pattern shown is intended solely as a general guide and is not to scale.*

With Integrated WaveLinx Sensor	With Integrated WaveLinx Node
	

Add a hidden WaveLinx Node (WPN, WLN) to your space lighting design!

To:

- Keep luminaire aesthetics
- Connect fixtures without space for a sensor, such as downlights
- Connect sealed fixtures without a standard sensor option such as products for clinical space

The ARS with WaveLinx offers no-hassle lighting control with multiple luminaire level control solutions.

WaveLinx by Cooper Lighting Solutions is a wired and wireless solution for a single room, a parking lot, or an entire campus, helping meet energy codes, reduce energy use, and create healthier environments. As a true hybrid architecture, it enables the seamless integration of DALI, CAT, and PRO technologies and luminaires for unmatched reliability and flexibility, with sensor-enabled luminaires that can also share data with the WaveLinx CORE platform, further improving operations across office, education, healthcare, warehouse, and parking garage applications.

WaveLinx LITE is a Bluetooth wireless digital lighting control solution with out-of-the-box functionality that saves energy and meets energy codes. It's designed for applications that require occupancy-based, daylighting, or manual light control using WaveLinx LITE-enabled luminaires and a mobile app for cost-effective projects.

WaveLinx PRO is a Zigbee wireless solution that offers a rich portfolio of devices, WaveLinx PRO-enabled luminaires, and a mobile app and the WAC (WaveLinx Area Controller). It offers advanced energy savings and deep data integration to improve the occupant experience.

WaveLinx CAT is a scalable CAT5-wired solution for a single room and connected spaces, supporting applications that require occupancy-based, daylighting, or manual light control, with self-commissioning to meet energy codes and maximize energy savings.

WaveLinx DALI is a powerful two-wire DALI-2 solution for connected spaces, combining open-standard devices enabling interoperability with the simplicity of WaveLinx app-based commissioning. It delivers deterministic wired control, granular addressability, and tunable white.

Integrated Controls Options

Option	Out of the Box Functionality	Luminaire Level Lighting Control (LLLC)	Automatic Dimming Photocell	Occupancy Sensing	CCT Control*
WLS (WaveLinx LITE Sensor)	X	X	X	X	
WLN (WaveLinx LITE Node)		X			
WPS (WaveLinx PRO Sensor)		X	X	X	X
WPN (WaveLinx PRO Node)		X			X

Note: *WaveLinx utilizes scenes to allow users to change an area's fixtures Correlated Color Temperature (CCT) and intensity using a commissioned wireless wallstation scene controller. To enable CCT adjustments through WaveLinx, include WPS or WPN devices in addition to VividTune or BioUp technologies for integrated fixture control. WPS with CCT controls the intensity of the fixture; an additional, externally mounted control device is needed to control the CCT. See RSP-P-010-347

The WNPS option is available with WLS or WPS sensors. Must be specified when ordered. Also note that WLS and WPS are also compatible with ESP-L-010-347 and ESP-P-010-347, respectively. Learn more about WaveLinx EM here.

Emergency Lighting

All buildings have to comply with emergency lighting codes to maintain their certificate of occupancy.
To enable this, Cooper Lighting Solutions has created multiple offerings to suit the building type and luminaire type.

Options to Enable Emergency (Stand Alone)

	Standard	Self-Diagnostic	FirstLink Connected ETO for Factory-Installed Only
Metalux Recessed, HALO, APG, Outdoor Medium forward voltage LED arrays usually 20-60V DC	**Batteries**: EBPLEDL7W, EBPLEDL14W **Inverters**: INVM-10W-AD	**Batteries**: EBPLED10WSD, EBPLED7.5WSD **Inverters**: INVM-25W-ADSD, INVM-50W-ADSD	**Batteries**: EBPLEDL10SF, EBPLEDL6SF
Metalux Industrial High forward voltage LED arrays usually 90-200V DC	**Batteries**: EBPLEDC1HV **Inverters**: INVM-10W-AD, INVM-100W-AD	**Inverters**: INVM-25W-ADSD, INVM-50W-ADSD	
How is emergency lighting inspection done?	Turn breakers off Walk around the building and collect compliance data.	No need to turn breakers off. Walk around, look up and collect compliance data.	No need to turn breaker off, No walking around. Open the app, push a button, and collect compliance data.

NOTE: 1. For factory installed First-Link EBP, order xSF option. Example: ETO_22CZ2-34HE-UNV-EBP10SF-L835-CD1-U (see Luminaire Order Info)
2. For factory installed standard EBP. Example: 22CZ2-34HE-UNV-EL7W-L835-CD1--U

Connected Emergency Lighting

ETO via Factory-Installed Only

Use our Connected Emergency Lighting products (FirstLink) to reduce the cost of compliance.

FirstLink is a complete and fully code compliant connected emergency egress lighting system comprised of FirstLink enabled exit signs, unit equipment, emergency LED drivers and the FirstLink application. The monthly and annual tests can be scheduled to be performed on a cadence. And the FirstLink app easy, instant access to compliance information and your system status. Reports can be easily exported to prove the system compliance status is 100%.

Compliance

- Avoid costly non-compliance fines
- Helps reduce risks and insurance premiums

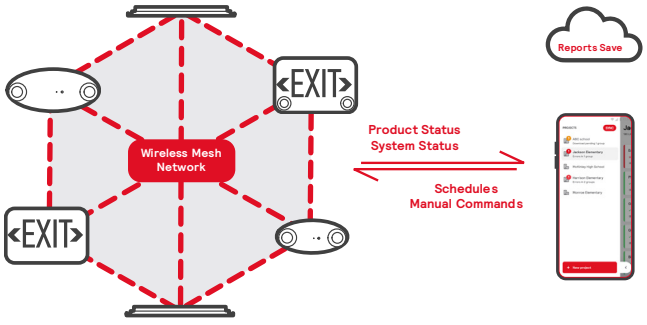
Convenience

- No ladders
- No documentation
- No searching for reports during an inspection.

Control

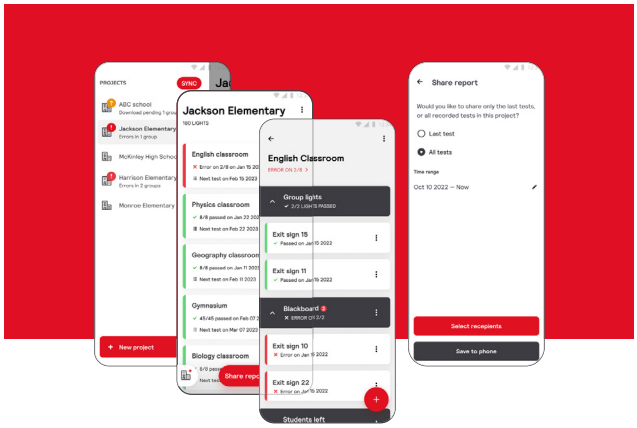
- Scheduling: Adjust the frequency and timing of testing.
- Troubleshooting: Receive complete product status information.
- Customization: Create custom groups and zones.

How does FirstLink work?



FirstLink is a standalone wireless mesh network that connects all devices and ensures a reliable connection through the network, even during the loss of individual devices.

If the app can communicate with just one device, the status of all devices can be read. Once the status is downloaded, the data is uploaded and saved to the cloud.



The FirstLink App

Complete control is in your hands

The FirstLink app is your portal to the FirstLink system. This easy-to-navigate iOS and Android application gives you the ability to configure your system, view and export results, change testing schedules, and more.

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