

Type
Project



ALS29



APPLICATIONS

The Architectural Linear Series ALS29 is designed to suspend in an interior space providing excellent general illumination. The ALS29 series optics are designed to provide effective interior reflector vertical and horizontal foot candles. The low profile body suspended by aircraft cable delivers high VCP and low watt consumption per square foot. Office applications typically yield 1.0 watts per square foot or less. The average luminaire efficiency ranges from 76% to 90% based on selected distribution.

CONSTRUCTION

Precision die formed 18 gauge CRS with solid endcaps. The integral alignment system provides easy installation for continuous row applications. Aircraft cable or stem mountings are standard and adapt to all ceiling systems and are field adjustable without tools.

FINISH

The standard paint for the ALS29 series is a polyester powder coat applied after a five stage rust inhibitive process. Matte White is standard; refer to Options Section for additional colors.

All steel parts are covered by Apollo Lighting's 10 Year Limited Warranty. Refer to Warranty Section for details.

ELECTRICAL

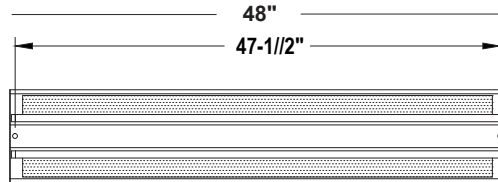
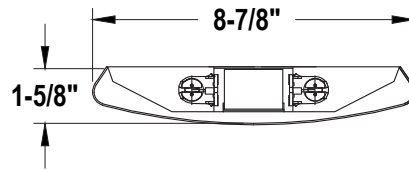
High efficiency electronic ballasts are standard. A wide range of dimming, daylight harvesting, automated building controls, occupancy controls and emergency systems can be specified to meet today's energy code requirements. Refer to Ordering Information Options.

Continuous row applications are supplied with quick-connects between fixtures and all ballasts have UL required quick disconnects. All Apollo Lighting fixtures are UL Listed.

ORDERING INFORMATION

Series	Size	Lamps	Type	Shielding	Finish	Voltage	Options
ALS29							
ALS29	4 (48") 8 (96") 12 (144") CR Continuous Run	2	T5 T8 T5HO	N None P Perforated Sides Opal Overlay	W White B Black	1 (120v) U Universal (120-277v) 2 (277v) Dimming and Sensors; see Accessories.	F Fuse EM Emergency Ballast ST 18" Stem Mounting AC 18" Aircraft Cable WM Wall Mount

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PHOTOMETRIC REPORT ALS29-4-2T5HO

COEFFICIENTS OF UTILIZATION

RC	80				70				50				30				10				0
RW	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	70	50	30	10	0
0	.81	.81	.81	.81	.70	.70	.70	.70	.49	.49	.49	.49	.31	.31	.31	.31	.13	.13	.13	.13	.05
1	.73	.70	.66	.64	.63	.60	.58	.55	.43	.41	.40	.26	.26	.25	.11	.11	.11	.11	.11	.04	
2	.66	.61	.56	.52	.57	.52	.49	.45	.37	.35	.33	.23	.22	.20	.10	.09	.09	.09	.03		
3	.60	.53	.47	.43	.52	.46	.41	.37	.33	.30	.27	.20	.19	.17	.09	.08	.07	.07	.03		
4	.55	.47	.41	.36	.47	.40	.35	.32	.29	.25	.23	.18	.16	.15	.08	.07	.06	.06	.02		
5	.50	.41	.35	.30	.43	.36	.31	.27	.26	.22	.19	.16	.14	.12	.07	.06	.05	.05	.02		
6	.46	.37	.31	.26	.40	.32	.27	.23	.23	.19	.17	.14	.12	.11	.06	.05	.05	.05	.02		
7	.43	.33	.27	.23	.37	.29	.24	.20	.20	.17	.15	.13	.11	.09	.06	.05	.04	.04	.01		
8	.39	.30	.24	.20	.34	.26	.21	.17	.19	.15	.13	.12	.10	.08	.05	.04	.04	.04	.01		
9	.36	.27	.21	.17	.31	.23	.19	.15	.17	.13	.11	.11	.09	.07	.05	.04	.03	.03	.01		
10	.34	.24	.19	.15	.29	.21	.17	.13	.15	.12	.10	.10	.08	.06	.04	.03	.03	.01			

ZONAL LUMEN SUMMARY

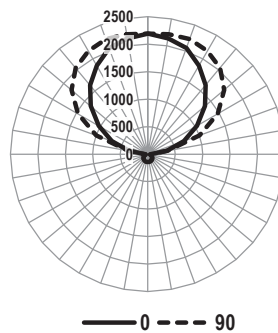
Spacing Criteria 0-180: N.A.
Spacing Criteria 90-270: N.A.

ZONE	LUMENS	% LAMP	% FIXT
0-30	113.25	1.1%	1.4%
0-40	189.40	1.9%	2.3%
0-60	356.61	3.6%	4.3%
0-90	542.86	5.4%	6.5%
90-120	2056.64	20.6%	24.7%
90-130	3391.37	33.9%	40.8%
90-150	5991.84	59.9%	72.0%
90-180	7777.56	77.8%	93.5%
0-180	8320.43	83.2%	100.0%

Total Luminaire Efficiency = 83.20%



POLAR GRAPH



Note: Apollo Lighting reserves the right to make any design change for continuous improvement which will not change the overall appearance or decrease performance. All ceilings are to be adequately reinforced by others. All fixtures are to be wired by a licensed electrician only. The information contained herein is the sole property of Apollo Lighting and may not be used without prior written consent.



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