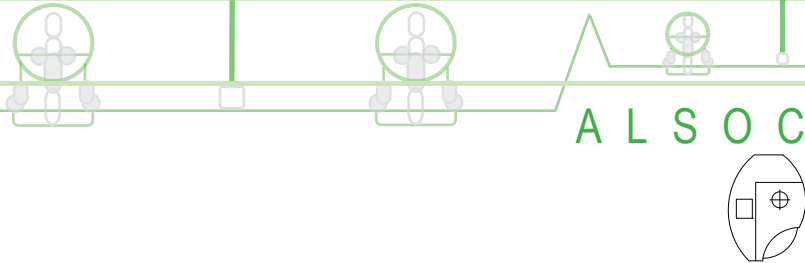




Type
Project



APPLICATIONS

Apollo Lighting's ALSOC is an architectural asymmetric luminaire designed for use in classrooms or retail applications. The ALSOC reflector system provides the high vertical foot candles needed for wall wash applications in an affordable architectural fixture. The ALSOC mounting options include aircraft cables, stems or surface mounted. Apollo Lighting's unique aiming system concentrates the light where it is needed with minimal spill light.

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. Surface mounted versions are available for grid or sheetrock ceilings.

FINISH

The standard paint for the ALSOC 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 power disconnects. All Apollo Lighting fixtures are UL Listed.

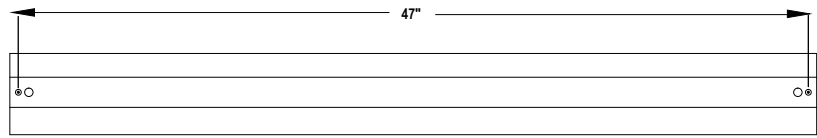
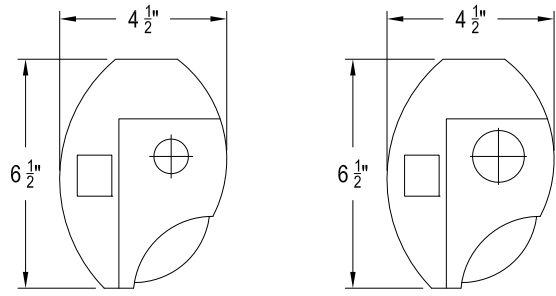


ORDERING INFORMATION

Series	Size	Lamps	Type	Shielding	Finish	Voltage	Options
ALSOC							
ALSOC	4 (48")	1 (4 or 8 ft)	T5	N	W	1	F
	8 (96")	2 (8 ft)	T5HO	Open	White	(120v)	Fuse
	12 (144")	3 (12 ft)	T8	BB	B	U	EM
			BIAX	Bold Baffle	Black	Universal	Emergency Ballast
			Consult	OL	CC	(120-277v)	ST
			Factory	Opal Lens	Custom Colors	2	18" Stem Mounting
						(277v)	AC
						Dimming and Sensors.	18" Aircraft Cable
						See Accessories.	



Type
Project



PHOTOMETRIC REPORT ALSOC-41T8

COEFFICIENTS OF UTILIZATION

RC	80				70				50				30				10				0											
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
0	.60	.60	.60	.60	.58	.58	.58	.47	.55	.55	.55	.52	.52	.52	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	.49	
1	.54	.52	.49	.47	.53	.50	.48	.39	.47	.46	.44	.45	.43	.42	.42	.41	.40	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	.39	
2	.50	.45	.42	.39	.48	.44	.41	.33	.42	.39	.37	.39	.37	.35	.37	.36	.34	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	.33	
3	.46	.40	.36	.33	.44	.39	.35	.29	.37	.34	.31	.35	.32	.30	.33	.31	.29	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	.28	
4	.42	.36	.32	.28	.40	.35	.31	.25	.33	.30	.27	.32	.29	.26	.30	.28	.26	.24	.24	.24	.24	.24	.24	.24	.24	.24	.24	.24	.24	.24	.24	
5	.39	.32	.28	.25	.37	.32	.27	.22	.30	.27	.24	.29	.26	.23	.27	.25	.23	.21	.21	.21	.21	.21	.21	.21	.21	.21	.21	.21	.21	.21	.21	
6	.36	.29	.25	.22	.35	.29	.25	.20	.27	.24	.21	.26	.23	.21	.25	.22	.20	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	.19	
7	.34	.27	.23	.20	.32	.26	.22	.18	.25	.22	.19	.24	.21	.19	.23	.20	.18	.17	.17	.17	.17	.17	.17	.17	.17	.17	.17	.17	.17	.17	.17	
8	.31	.25	.21	.18	.30	.24	.20	.16	.23	.20	.17	.22	.19	.17	.21	.17	.15	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	.16	
9	.29	.23	.19	.16	.28	.22	.19	.15	.21	.18	.16	.21	.18	.15	.20	.17	.15	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	.14	
10	.28	.21	.17	.15	.27	.21	.17	.14	.20	.17	.14	.19	.16	.14	.19	.16	.14	.13	.13	.13	.13	.13	.13	.13	.13	.13	.13	.13	.13	.13	.13	

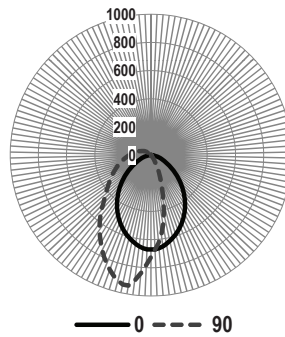
ZONAL LUMEN SUMMARY

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

ZONE	LUMENS	% LAMP	% FIXT
0-30	463.00	15.7%	30.7%
0-40	698.60	23.7%	46.3%
0-60	1083.60	36.7%	71.8%
0-90	310.80	10.5%	20.6%
90-120	1394.50	47.3%	92.4%
90-180	114.60	3.9%	7.6%
0-180	1509.00	51.2%	100.0%
Total Luminaire Efficiency = 51.2%			



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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