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APPLICATIONS

The Architectural Luminous Series ARLD fixture is designed for open architecture and individual work areas as an energy efficient general illumination luminaire with a VCP of 83%. The low profile body features a high transmission opal diffuser suspended below the ceiling plane that delivers soft even light across the ceiling. Office applications yield less than 1.0 watts per square foot or less with minimum luminaire efficiency of 80%.

CONSTRUCTION

Precision formed 20 gauge CRS body. The rigid body design is compatible with all suspended ceiling systems. The illuminated basket is made from a heavy gauge opal acrylic for durability and ease of maintenance. Other lens options are available; see Accessories Section.

FINISH

The ARLD Series standard paint finish is a polyester powder coat applied after a five stage rust inhibitive process. Matte White is the standard color with a reflectivity of 90%. Refer to Accessories Section for optional colors or materials.

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 backup systems can be specified to meet today's energy code requirements. Refer to Ordering Information Options. UL required power disconnects are provided for all ballasts. Apollo Lighting fixtures are UL Listed.

ORDERING INFORMATION

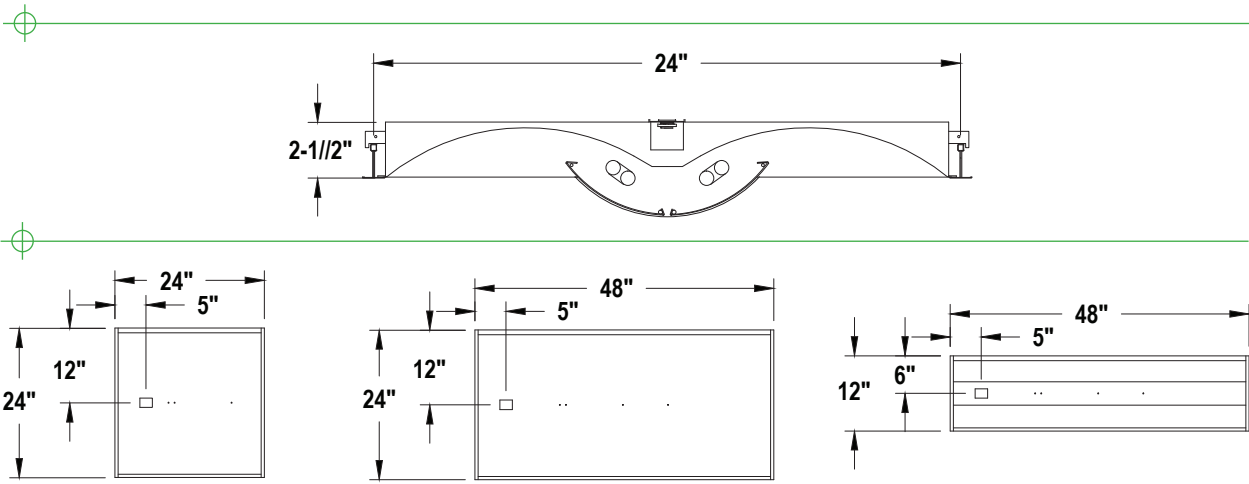
Series	Size	Lamps	Type	Shielding	Mounting	Voltage	Options
ARLD							
ARLD	1 (1X4)	1	T8	OL	G	1	F
	2 (2X2)	2	T5	Opal Acrylic High	9/16" Grid	(120v)	Fuse
	4 (2X4)	3	T5HO	Transmission Lens	F	U	EM
			BIAX	CL	Sheetrock Flange	Universal	Emergency Ballast
				Custom Lens	SG	(120-277v)	HR
				See Accessories	Slot Grid	2	Heat Removal
					Other Ceilings	(277v)	
					Consult Factory	Dimming and Controls; see Accessories.	

APOLLO LIGHTING creative lighting solutions since 1950
 212 S. 12th Avenue • Mount Vernon, NY 10550
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ARLD

Type
Project



PHOTOMETRIC REPORT ARLD2x2T5HO

COEFFICIENTS OF UTILIZATION

RC	80				70				50				30				10				0				
	70	50	30	0	70	50	30	0	50	30	20	0	50	30	20	0	50	30	20	0	50	30	20	0	
0	1.04	1.04	1.04	1.04	1.02	1.02	1.02	.88	.98	.98	.98	.93	.93	.93	.90	.90	.90	.88							
1	.93	.88	.84	.79	.91	.86	.82	.70	.82	.79	.76	.79	.76	.73	.75	.73	.71	.69							
2	.84	.75	.69	.63	.81	.74	.67	.57	.70	.65	.60	.68	.63	.59	.65	.61	.58	.56							
3	.76	.65	.57	.51	.74	.64	.57	.47	.61	.55	.50	.59	.53	.49	.56	.52	.48	.46							
4	.69	.58	.49	.43	.67	.56	.48	.40	.54	.47	.42	.52	.46	.41	.50	.45	.40	.38							
5	.63	.51	.43	.36	.61	.50	.42	.35	.48	.41	.36	.46	.40	.35	.45	.39	.35	.33							
6	.58	.46	.37	.31	.57	.45	.37	.30	.43	.36	.31	.42	.35	.31	.40	.35	.30	.28							
7	.54	.41	.33	.28	.49	.37	.30	.24	.39	.32	.27	.38	.32	.27	.37	.31	.27	.25							
8	.50	.38	.30	.24	.49	.37	.30	.24	.36	.29	.24	.35	.29	.24	.34	.28	.24	.22							
9	.47	.35	.27	.22	.46	.34	.27	.21	.33	.26	.22	.32	.26	.22	.31	.26	.21	.20							
10	.44	.32	.25	.20	.43	.31	.24	.19	.31	.24	.20	.30	.24	.20	.29	.23	.19	.18							

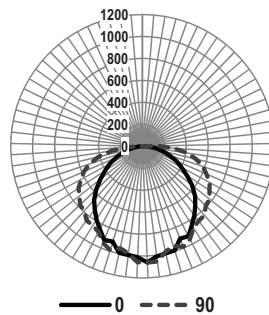
ZONAL LUMEN SUMMARY

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

ZONE	LUMENS	% LAMP	% FIXT
0-30	794.10	19.9%	22.6%
0-40	1315.70	32.9%	37.5%
0-60	2430.60	60.8%	69.2%
0-90	1080.50	27.0%	30.8%
90-120	3511.10	87.8%	100.0%
90-180	0.00	0.0%	0.0%
0-180	3511.10	87.8%	100.0%

Total Luminaire Efficiency = 87.8%

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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