



PICASSO LIGHTING INDUSTRIES, LLC
46 Sellers Street, Kearny, NJ 07032
201.246.8188

Indoor Distribution Test Report

Picasso Lighting Industries, LLC

46 Sellers St.
Kearny, NJ 07032

Photopia Photometric Analysis & Optical Design

Catalog Number

ANL-P-6in-D10-I10-30-80-OW-MC-W
ANELLO - 6" Module Pendant Direct / Indirect - Opal & Matte Clear Lenses

Test Number

IES-P00204

Test Date

Mon Nov 26 14:00:18 2018

The results contained in this report pertain only to the tested sample.
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ANL-P-6in-D10-I10-30-80-OW-MC-W
 ANELLO - 6" Module Pendant Direct / Indirect - Opal & Matte Clear Lenses
 LED (3000K, 80+ CRI)



Image may differ slightly from actual unit.

For Lighting Calculations, Plot Modules Along Luminaire Diameter.
 Consult Picasso For Module Qty. & Centerline Diameter.

Summary of Results

Output:

Watts:	10.92 W
Lumens:	1,026.89 lm
Efficiency:	N/A
Efficacy:	92.02 lm/W

Spacing Criterion

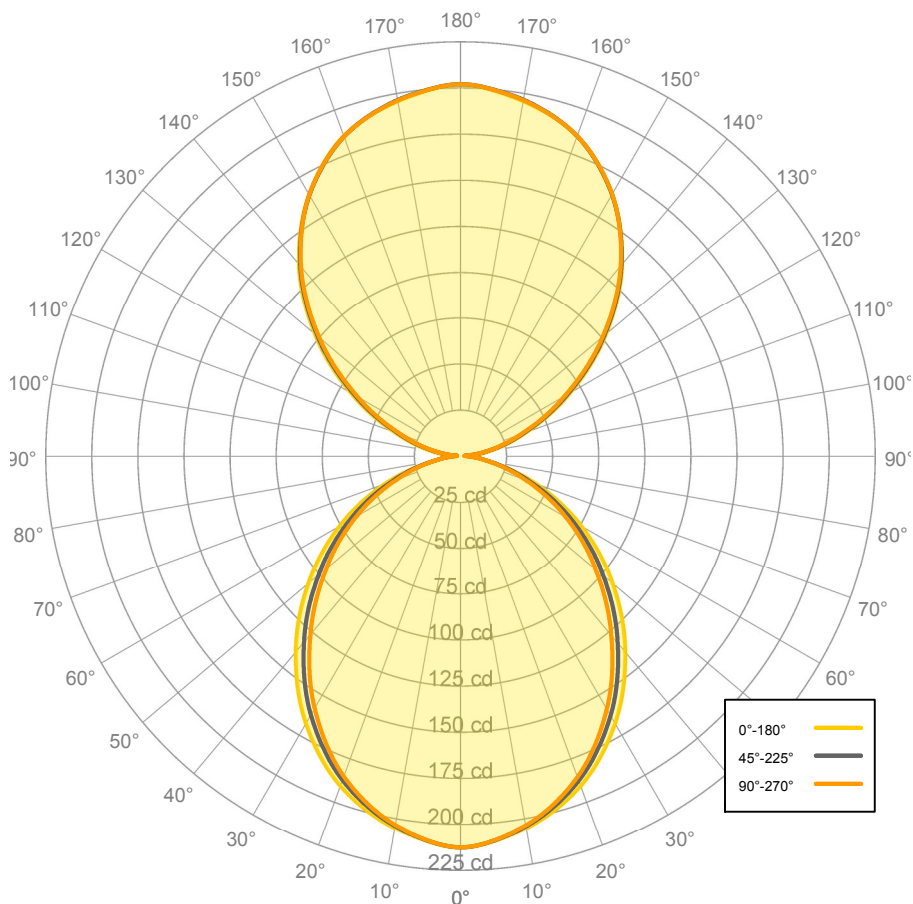
Two luminaires, plane 0°	1.17
Two luminaires, plane 90°	1.12
Four luminaires	1.25

Full Beam Angle

0° - 180°	262.03°
90° - 270°	263.35°

Calculated results may not be representative of field performance.
 Ballast factors have not been applied.

Candela Polar Plot



Zonal Lumen Summary

Zone	Lumens	% Fixture	Zone	Lumens	% Fixture
0° - 10°	35.73	3.48%	90° - 100°	9.21	0.90%
10° - 20°	54.63	5.32%	100° - 110°	26.85	2.61%
20° - 30°	79.80	7.77%	100° - 120°	77.44	7.54%
30° - 40°	91.38	8.90%	120° - 130°	74.46	7.25%
40° - 50°	89.23	8.69%	130° - 140°	90.50	8.81%
50° - 60°	75.60	7.36%	140° - 150°	92.74	9.03%
60° - 70°	53.30	5.19%	150° - 160°	79.58	7.75%
70° - 80°	27.42	2.67%	160° - 170°	53.31	5.19%
80° - 90°	8.45	0.82%	170° - 180°	34.12	3.32%
0° - 90°	515.54	50.20%	0° - 180°	1,026.89	100.00%



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Candela Distribution

	0.00°	22.50°	45.00°	67.50°	90.00°
0.00°	212.79	212.79	212.79	212.79	212.79
10.00°	205.28	205.14	204.54	203.71	204.02
20.00°	190.54	189.60	187.75	185.97	185.64
30.00°	167.67	166.00	162.87	159.74	158.76
40.00°	138.99	136.99	132.59	128.75	127.16
50.00°	107.66	105.59	100.94	96.86	95.39
60.00°	75.67	73.57	69.46	65.99	65.20
70.00°	43.38	41.80	38.71	36.55	36.01
80.00°	14.49	13.95	13.14	12.96	13.04
90.00°	2.28	2.33	2.23	2.02	1.98
100.00°	15.66	15.45	14.81	14.27	14.17
110.00°	37.77	37.49	36.70	35.66	35.38
120.00°	68.53	68.08	66.95	65.83	65.36
130.00°	103.01	102.72	101.77	100.94	100.59
140.00°	136.35	136.09	135.85	135.35	135.21
150.00°	164.27	164.22	164.19	163.88	164.40
160.00°	185.18	184.83	184.83	185.01	184.86
170.00°	195.80	196.62	196.44	196.40	196.17
180.00°	201.92	201.92	201.92	201.92	201.92

Average Luminaire Luminance [cd/m²]

	0.00°	45.00°	90.00°
0.00°	21,728	21,728	21,728
45.00°	10,959	6,772	6,473
55.00°	8,622	4,849	4,586
65.00°	6,145	3,115	2,926
75.00°	3,425	1,559	1,481
85.00°	1,206	499	490



Coefficients of Utilization – Zonal Cavity Method

Values are lumens delivered to the workplane.

RCR	pfc	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%	20%
	pcc	80%	80%	80%	80%	70%	70%	70%	70%	50%	50%	50%	30%	30%	30%	10%	10%	10%	0%
	pw	70%	50%	30%	10%	70%	50%	30%	10%	50%	30%	10%	50%	30%	10%	50%	30%	10%	0%
	0	1,101	1,101	1,101	1,101	1,016	1,016	1,016	1,016	857	857	857	712	712	712	578	578	578	516
	1	1,008	964	925	890	928	892	858	828	756	732	710	631	614	598	516	504	494	440
	2	920	846	785	733	847	784	731	686	666	627	593	558	530	505	458	438	421	374
	3	842	747	673	615	774	693	629	577	591	543	503	497	461	432	409	384	363	321
	4	772	664	584	524	710	617	547	493	528	474	432	445	405	373	368	340	316	279
	5	710	594	512	452	654	552	480	426	474	419	376	402	360	327	334	303	278	246
	6	656	534	453	394	604	498	426	373	429	373	330	365	322	289	305	273	248	218
	7	608	484	404	348	561	452	380	329	391	334	293	334	290	257	280	248	222	196
	8	565	441	363	309	522	413	342	293	358	302	262	307	264	232	259	226	201	177
	9	527	404	328	277	488	379	310	264	330	275	237	284	241	210	241	208	184	162
	10	494	372	299	251	457	349	283	239	305	252	215	264	222	192	225	192	169	149

Cone of Light

Mtg Height	Light Level	0°-180° Beam Diameter	90°-270° Beam Diameter
6 ft	6 fc	0 ft	0 ft
8 ft	3 fc	0 ft	0 ft
10 ft	2 fc	0 ft	0 ft
12 ft	1 fc	0 ft	0 ft
15 ft	1 fc	0 ft	0 ft