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
CV1-C-4-I5-30-80-MC-W
(White Housing – Indirect – Opal Lens)

Test Number

IES-P00029

Test Date

2017-06-09

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

Luminaire Description:	Extruded Aluminum Cover (LED Enclosure), Indirect w/ Opal Lens
Lamp:	LED (3000K, 80+ CRI)
Installation:	Cove Mounted
Luminous Length:	47.77 in
Luminous Width:	0.77 in
Luminous Height:	0.00 in

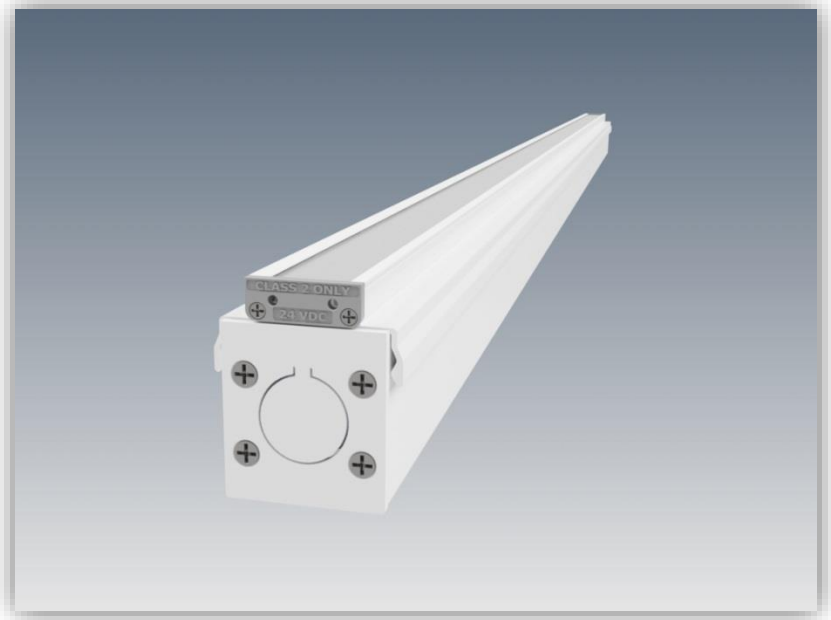


Image may differ slightly from actual unit

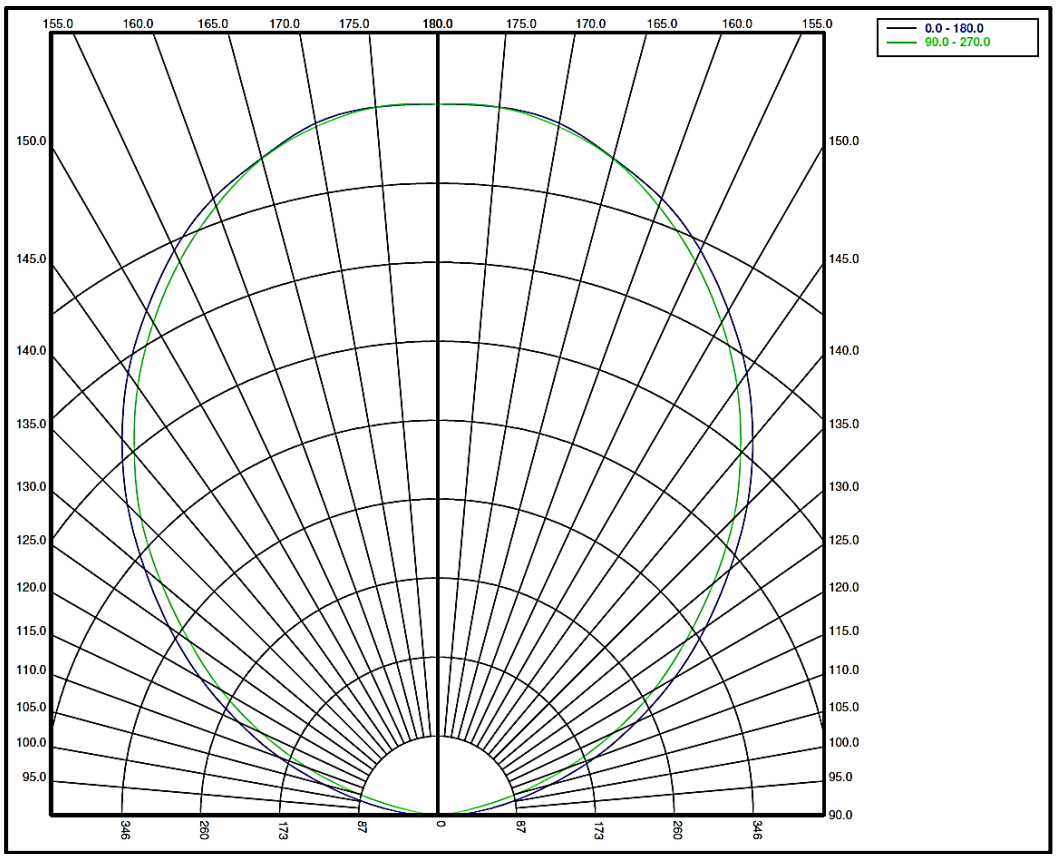
Summary of Results

System Power:	17.5W
Total Luminaire Output:	2005 Lumens
Luminaire Efficacy:	115 lm/W
Max Candela:	780.79 Candela

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

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

Polar Plot



Zonal Lumen Summary

Zone	Lumens	% Fixture	Zone	Lumens	% Fixture
0-10	0	0.0%	90-100	28.2	1.4%
10-20	0	0.0%	100-110	119.39	6.0%
20-30	0	0.0%	110-120	225.9	11.3%
30-40	0	0.0%	120-130	310.62	15.5%
40-50	0	0.0%	130-140	361.86	18.0%
50-60	0	0.0%	140-150	363.81	18.1%
60-70	0	0.0%	150-160	311.25	15.5%
70-80	0	0.0%	160-170	210.38	10.5%
80-90	0	0.0%	170-180	74.07	3.7%
0-90	0	0.0%	0-180	2005.48	100.0%

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

Candela Distribution

Horizontal Angle (Degrees)

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5
90	9	2	1	1	1	1	1	2	9	2	1	1	1	1	1	2
95	44	32	14	10	9	10	14	32	44	32	14	10	9	10	14	32
100	82	78	60	42	38	42	60	78	82	78	60	42	38	42	60	78
105	128	125	114	98	90	98	114	125	128	125	114	98	90	98	114	125
110	185	180	171	158	152	158	171	180	185	180	171	158	152	158	171	180
115	241	238	230	219	213	219	230	238	241	238	230	219	213	219	230	238
120	300	296	287	277	274	277	287	296	300	296	287	277	274	277	287	296
125	359	356	348	337	333	337	348	356	359	356	348	337	333	337	348	356
130	419	417	410	399	395	399	410	417	419	417	410	399	395	399	410	417
135	481	476	470	461	460	461	470	476	481	476	470	461	460	461	470	476
140	538	534	527	521	517	521	527	534	538	534	527	521	517	521	527	534
145	592	588	581	576	574	576	581	588	592	588	581	576	574	576	581	588
150	639	639	632	625	624	625	632	639	639	639	632	625	624	625	632	639
155	683	681	674	670	670	670	674	681	683	681	674	670	670	670	674	681
160	719	720	714	712	710	712	714	720	719	720	714	712	710	712	714	720
165	746	750	746	745	745	745	746	750	746	750	746	745	745	745	746	750
170	770	768	769	771	766	771	769	768	770	768	769	771	766	771	769	768
175	779	780	781	781	779	781	781	780	779	780	781	781	779	781	781	780
180	779	779	779	779	779	779	779	779	779	779	779	779	779	779	779	779

Average Luminance (cd/m^2)

Horizontal Angle (Degrees)

ANGLES	0-Deg	45-Deg	90-Deg
0	0	0	0
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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

Coefficients of Utilization – Zonal Cavity Method

Effective Floor Cavity Reflectance 20%																		
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**	**0**
RCR	**Values are in Lumens delivered to the Task Plane**																	
0	1905	1905	1905	1905	1624	1624	1624	1624	1123	1123	1123	642	642	642	201	201	201	0
1	1745	1665	1584	1524	1484	1424	1364	1304	963	943	902	562	541	521	180	180	160	0
2	1584	1444	1324	1243	1344	1243	1143	1063	842	802	742	481	461	441	160	140	140	0
3	1444	1263	1123	1023	1223	1083	983	882	742	682	622	421	401	361	140	120	120	0
4	1304	1123	963	862	1123	963	842	742	662	582	521	381	341	321	120	120	100	0
5	1203	983	842	722	1023	842	722	642	582	501	441	341	301	261	100	100	80	0
6	1103	882	722	622	943	762	642	541	521	441	381	301	261	221	100	80	80	0
7	1003	782	642	541	862	682	562	461	461	381	341	281	221	201	80	80	60	0
8	943	702	562	461	802	602	481	401	421	341	281	241	201	180	80	60	60	0
9	862	642	501	401	742	562	441	361	381	301	261	221	180	160	80	60	60	0
10	802	582	441	361	682	501	381	321	341	281	221	201	160	140	60	60	40	0