

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRX16LEDGV-37L35KE1-PR16-FGR.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002

[TESTLAB] Photopia 2015.1.1 see: www.ltioptics.com/ies

[ISSUEDATE]

[TESTDATE] Mon Jul 25 2016

[UPDATE] Fri Aug 4 2017

[TEST] SP-00392_34_M-37L-Gen3

[MANUFAC] Spectrum Lighting

[LUMCAT] PRX16LEDGV-37L-35K-E1-PR16-FGR

[LUMINAIRE] LED Prismatic Tech Pendant with Frosted Glass Ring

[OTHER] 16" Diam. clear acrylic refractor

[OTHER] 22" Outside Diam. ring, with 16" Diam. Open Center

[LAMP] N/A, Gen3

[LAMPCAT] N/A

[OTHER] Total Luminaire Watts is approximate

[OTHER] CCT Output Multipliers: 5000K x 1.06, 4000K X 1.03, 3000K X 0.985, 2700K X 0.971

[OTHER] This report prepared by Spectrum Lighting, scaled from 55L Gen2

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3285
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	126
Total Luminaire Watts	26
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.92
Spacing Criterion (90-270)	0.92
Spacing Criterion (Diagonal)	0.94
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	1.33 ft (Diameter)
Luminous Width (90-270)	1.33 ft (Diameter)
Luminous Height	1.03 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX16LEDGV-37L35KE1-PR16-FGR.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2031	2008	1987
55	1266	1258	1263
65	873	878	879
75	526	519	505
85	342	335	336

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : PRX16LEDGV-37L35KE1-PR16-FGR.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	2935.983	2935.983	2935.983	2935.983	2935.983
5	2819.010	2800.040	2777.705	2829.893	2792.379
10	2584.871	2558.276	2567.935	2583.342	2586.699
15	2337.325	2346.892	2350.854	2353.165	2342.218
20	2105.597	2121.225	2141.874	2114.937	2119.020
25	1941.387	1929.316	1938.499	1932.311	1944.623
30	1640.926	1624.140	1637.178	1642.797	1634.020
35	1071.694	1070.670	1064.837	1058.037	1046.870
40	540.432	542.487	545.546	527.685	523.175
45	368.980	359.434	364.890	369.584	361.013
50	279.868	279.185	276.568	276.817	273.196
55	226.279	226.400	224.885	223.035	225.695
60	186.887	187.335	185.429	185.386	184.376
65	148.811	150.525	149.629	148.278	149.842
70	113.531	112.556	114.818	113.723	113.388
75	82.532	80.597	81.408	79.836	79.253
80	56.691	57.210	55.922	56.705	54.813
85	47.358	47.486	46.469	45.658	46.498
90	9.923	9.695	9.560	9.140	8.991
95	5.470	5.861	5.534	5.569	5.890
100	8.137	8.336	8.436	8.280	8.372
105	9.475	9.133	8.777	8.905	9.759
110	8.230	7.917	7.433	8.073	8.564
115	6.814	6.523	6.075	6.864	6.636
120	5.164	5.562	6.160	5.569	5.491
125	5.207	5.022	5.406	5.114	4.887
130	4.495	5.029	4.609	5.050	4.467
135	4.986	5.100	4.979	5.527	5.342
140	5.449	5.413	5.520	5.982	5.662
145	7.198	7.334	6.708	7.241	6.942
150	7.547	7.326	7.248	7.334	7.839
155	6.850	6.715	7.063	7.170	7.632
160	6.978	6.153	6.978	6.380	7.590
165	5.833	6.366	6.139	8.095	5.733
170	5.890	7.120	6.096	6.743	5.861
175	4.424	5.548	4.047	5.719	5.754
180	4.211	4.211	4.211	4.211	4.211

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX16LEDGV-37L35KE1-PR16-FGR.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	921.32	N.A.	28.00
0-30	1798.91	N.A.	54.80
0-40	2463.26	N.A.	75.00
0-60	2964.16	N.A.	90.20
0-80	3199.77	N.A.	97.40
0-90	3243.13	N.A.	98.70
10-90	2982.16	N.A.	90.80
20-40	1541.93	N.A.	46.90
20-50	1838.6	N.A.	56.00
40-70	649.05	N.A.	19.80
60-80	235.62	N.A.	7.20
70-80	87.47	N.A.	2.70
80-90	43.36	N.A.	1.30
90-110	17.07	N.A.	0.50
90-120	23.70	N.A.	0.70
90-130	28.36	N.A.	0.90
90-150	36.64	N.A.	1.10
90-180	42.30	N.A.	1.30
110-180	25.23	N.A.	0.80
0-180	3285.43	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	260.97
10-20	660.35
20-30	877.58
30-40	664.35
40-50	296.67
50-60	204.23
60-70	148.15
70-80	87.47
80-90	43.36
90-100	7.94
100-110	9.13
110-120	6.64
120-130	4.66
130-140	4.02
140-150	4.25
150-160	3.27
160-170	1.87
170-180	0.52

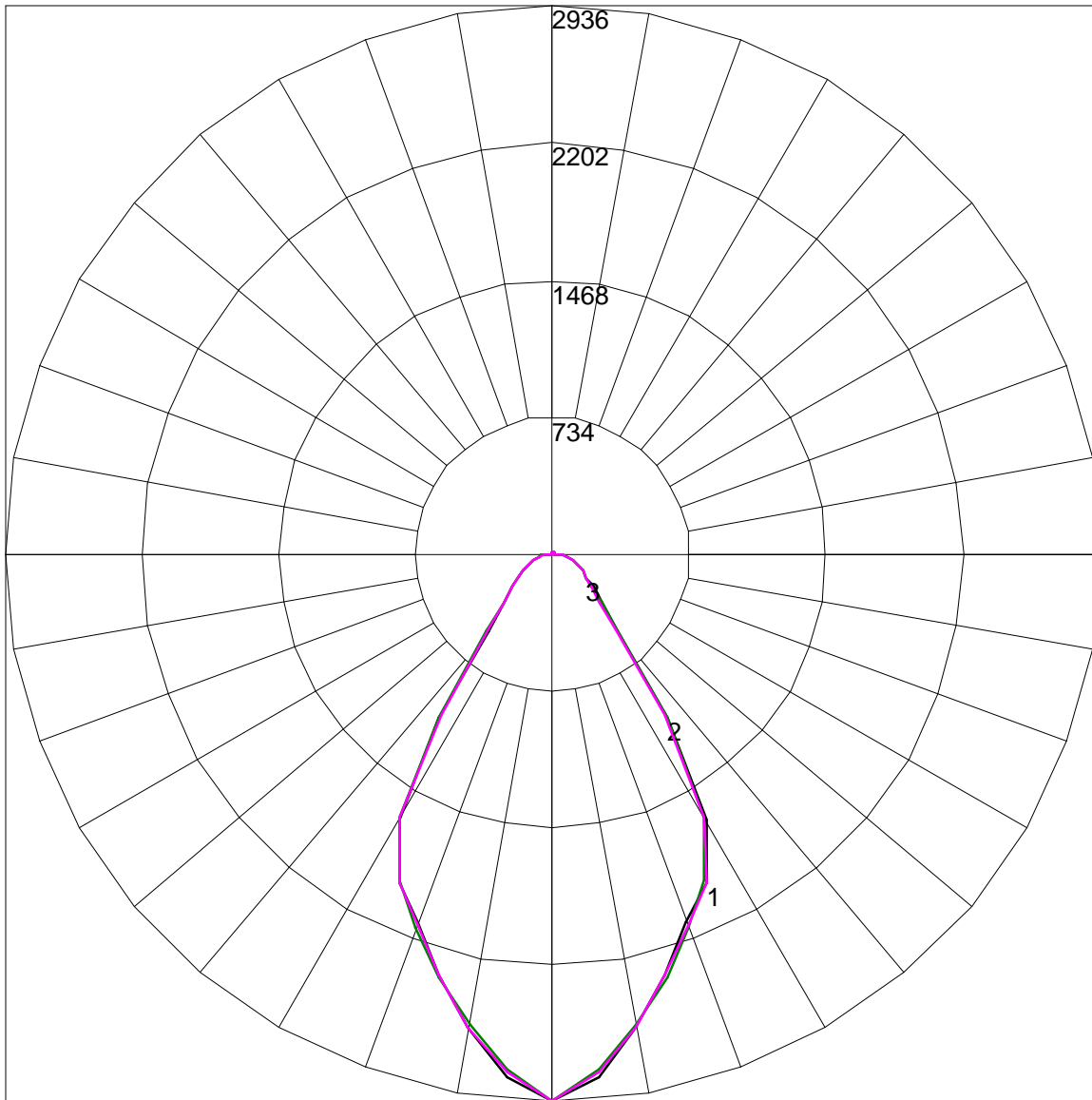
IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX16LEDGV-37L35KE1-PR16-FGR.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

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
0	119	119	119	119	116	116	116	116	110	110	110	105	105	105	101	101	101	99
1	111	108	104	101	109	105	102	100	101	99	96	97	95	93	93	92	90	88
2	104	98	93	88	102	96	91	87	92	89	85	89	86	83	86	83	81	79
3	97	89	83	78	95	88	82	78	85	80	76	82	78	75	80	76	73	72
4	91	82	75	70	89	81	75	70	78	73	69	76	72	68	74	70	67	65
5	86	76	69	64	84	75	68	63	73	67	63	71	66	62	69	65	61	59
6	81	70	63	58	79	69	63	58	68	62	57	66	61	57	64	60	56	55
7	76	65	58	53	75	65	58	53	63	57	53	62	56	52	60	56	52	50
8	72	61	54	49	71	60	54	49	59	53	49	58	53	49	57	52	48	47
9	68	57	50	46	67	57	50	46	55	50	46	54	49	45	53	49	45	43
10	65	54	47	43	64	53	47	43	52	46	42	51	46	42	50	46	42	41

POLAR GRAPH



Maximum Candela = 2935.983 Located At Horizontal Angle = 0, Vertical Angle = 0

1 - Vertical Plane Through Horizontal Angles (0 - 180)

2 - Vertical Plane Through Horizontal Angles (45 - 225)

3 - Vertical Plane Through Horizontal Angles (90 - 270)