

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-FGR.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002

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

[ISSUEDATE]

[TESTDATE] Fri Aug 12 2016

[UPDATE] Thu May 24 2017

[TEST] SP-00525_3_m

[MANUFAC] Spectrum Lighting

[LUMCAT] PRX22LEDLX-65L-35K-E1-PR22-FGR

[LUMINAIRE] LED Prismatic Tech Pendant with Frosted Glass Ring

[OTHER] 22" Diam. clear acrylic refractor

[OTHER] 28" Outside Diam. ring, with 22" Diam. Open Center

[LAMP] N/A

[LAMPCAT] N/A

[OTHER] Total Luminaire Watts is approximate

[OTHER] CCT Output Multipliers: 50K x 1.06, 40K x 1.03, 30K x 0.979, 27K x 0.959

[OTHER] This report prepared by Spectrum Lighting, scaled from 100L

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5675
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	105
Total Luminaire Watts	54.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.06
Spacing Criterion (90-270)	1.04
Spacing Criterion (Diagonal)	0.96
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	1.83 ft (Diameter)
Luminous Width (90-270)	1.83 ft (Diameter)
Luminous Height	1.33 ft

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-FGR.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	1136	1123	1111
55	579	589	602
65	245	251	249
75	170	167	175
85	127	125	125

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-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	4545.225	4545.225	4545.225	4545.225	4545.225
5	4785.638	4719.805	4723.667	4746.819	4698.868
10	5042.073	5048.523	5029.387	5059.042	5055.947
15	4922.066	4926.449	4941.529	4950.207	4948.613
20	4590.441	4567.449	4589.007	4592.855	4525.615
25	3900.609	3870.788	3860.709	3832.942	3788.333
30	2775.580	2760.133	2743.484	2736.054	2693.826
35	1814.220	1832.669	1811.799	1804.622	1792.402
40	860.210	844.195	841.194	845.262	839.980
45	379.816	378.216	375.488	373.467	371.486
50	268.267	279.400	278.806	272.123	277.519
55	189.281	190.048	192.456	191.956	196.825
60	111.076	113.330	112.863	111.202	117.539
65	76.031	78.826	77.799	76.872	76.992
70	56.408	56.888	56.908	58.156	60.277
75	48.117	48.304	47.390	49.358	49.551
80	45.416	44.329	45.103	46.917	45.329
85	31.409	31.316	31.056	31.516	31.015
90	25.906	26.473	25.793	25.559	25.873
95	26.433	25.900	26.286	25.113	25.073
100	31.196	31.056	31.182	29.601	29.228
105	39.333	39.440	37.806	40.007	37.859
110	41.047	40.447	39.807	42.948	40.574
115	38.052	37.846	38.506	38.232	36.932
120	41.261	41.321	41.501	40.494	41.014
125	45.916	46.797	47.517	47.477	48.384
130	49.491	52.386	52.126	52.026	51.559
135	58.843	58.169	58.623	58.069	57.049
140	66.373	66.306	67.680	65.486	63.252
145	71.009	71.569	69.855	71.809	69.628
150	76.865	77.332	77.806	76.251	77.786
155	76.998	80.700	83.215	82.001	79.326
160	78.726	77.946	83.648	79.300	75.171
165	72.123	76.385	71.549	69.835	67.607
170	72.063	73.163	73.430	72.416	65.266
175	70.449	68.354	86.170	68.454	69.328
180	74.190	74.190	74.190	74.190	74.190

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-FGR.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1837.25	N.A.	32.40
0-30	3556.01	N.A.	62.70
0-40	4670.53	N.A.	82.30
0-60	5200.38	N.A.	91.60
0-80	5333.72	N.A.	94.00
0-90	5370.23	N.A.	94.60
10-90	4909.46	N.A.	86.50
20-40	2833.28	N.A.	49.90
20-50	3190.99	N.A.	56.20
40-70	610.35	N.A.	10.80
60-80	133.34	N.A.	2.30
70-80	52.84	N.A.	0.90
80-90	36.51	N.A.	0.60
90-110	68.94	N.A.	1.20
90-120	108.18	N.A.	1.90
90-130	150.13	N.A.	2.60
90-150	240.02	N.A.	4.20
90-180	304.83	N.A.	5.40
110-180	235.89	N.A.	4.20
0-180	5675.05	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	460.77
10-20	1376.48
20-30	1718.76
30-40	1114.52
40-50	357.71
50-60	172.14
60-70	80.50
70-80	52.84
80-90	36.51
90-100	29.45
100-110	39.49
110-120	39.25
120-130	41.95
130-140	45.23
140-150	44.65
150-160	36.85
160-170	21.01
170-180	6.95

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-FGR.IES

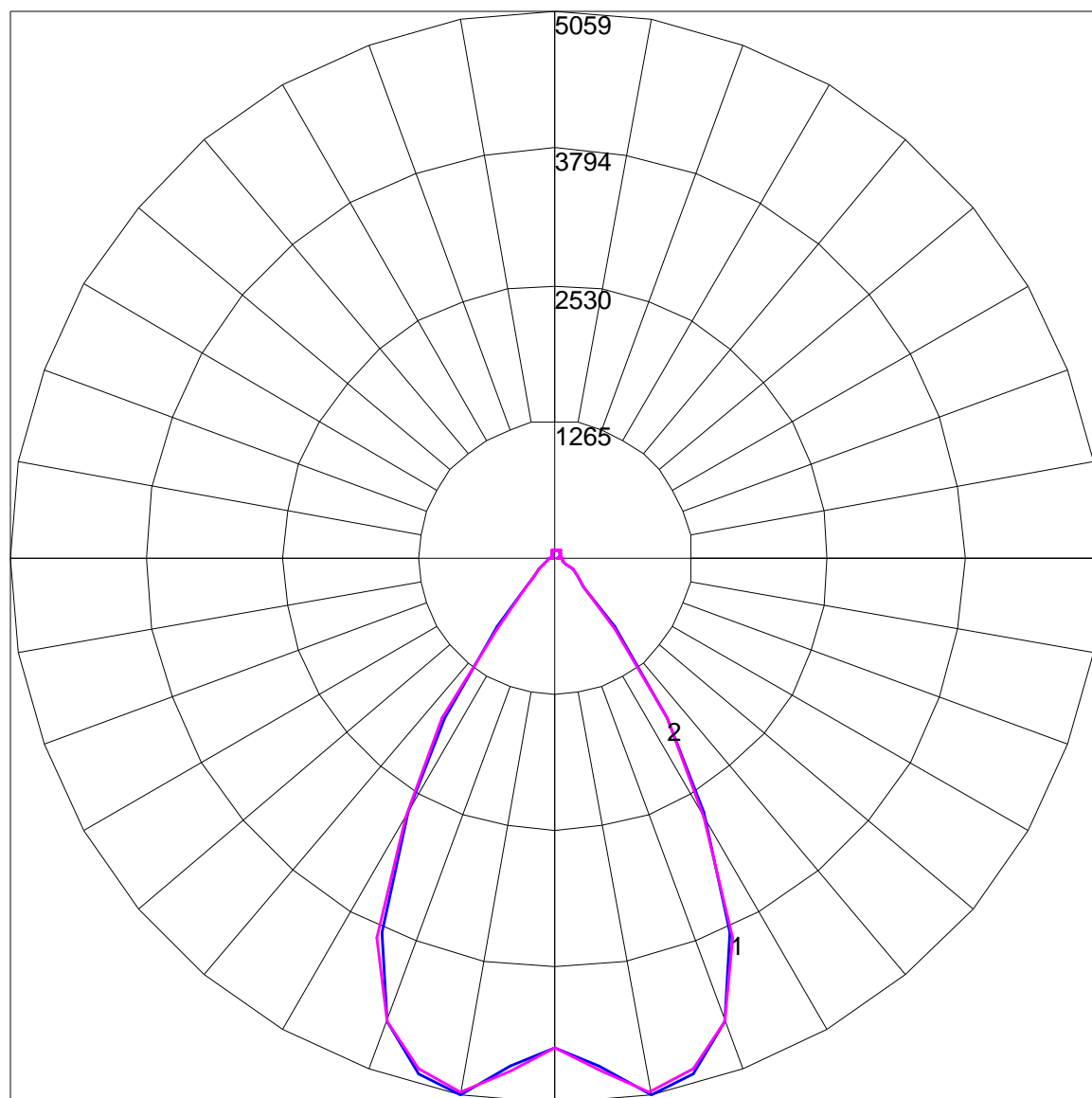
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	118	118	118	118	114	114	114	114	108	108	108	102	102	102	97	97	97	95
1	111	108	105	103	108	106	103	101	100	98	97	96	94	93	92	90	89	87
2	105	100	95	91	102	97	93	90	93	90	87	90	87	85	86	84	82	80
3	99	92	87	82	97	90	85	81	87	83	79	84	80	77	81	78	76	74
4	94	85	79	75	91	84	78	74	81	76	73	78	74	71	76	73	70	68
5	88	79	73	68	86	78	72	68	76	71	67	73	69	66	71	68	65	63
6	84	74	68	63	82	73	67	63	71	66	62	69	64	61	67	63	60	58
7	79	69	63	58	77	68	62	58	67	61	57	65	60	57	63	59	56	54
8	75	65	59	54	74	64	58	54	63	57	53	61	56	53	60	55	52	51
9	71	61	55	51	70	60	54	50	59	54	50	58	53	49	56	52	49	48
10	68	58	51	47	66	57	51	47	56	50	47	55	50	46	53	49	46	45

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-FGR.IES

POLAR GRAPH



Maximum Candela = 5059.042 Located At Horizontal Angle = 67.5, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (67.5 - 247.5) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)