

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-CFG.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_4_m

[MANUFAC] Spectrum Lighting

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

[LUMINAIRE] LED Prismatic Tech Pendant with Center Frosted Glass Disc

[OTHER] 22" Diam. clear acrylic refractor

[OTHER] 28" Diam. Sodalime Glass disc, with 22" Diam. Frosted Center Pattern

[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	4928
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	54.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.02
Spacing Criterion (90-270)	1.00
Spacing Criterion (Diagonal)	0.98
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

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2029	2001	2015
55	970	972	963
65	486	474	477
75	271	272	282
85	217	210	204

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	3553.729	3553.729	3553.729	3553.729	3553.729
5	3635.443	3575.373	3570.611	3569.137	3596.797
10	3559.526	3541.583	3570.965	3556.591	3531.505
15	3397.324	3353.609	3357.965	3397.298	3385.952
20	3086.649	3090.618	3074.110	3051.905	3058.655
25	2663.091	2664.825	2644.455	2645.049	2613.466
30	2099.963	2093.193	2107.213	2095.334	2082.441
35	1553.316	1553.283	1562.054	1551.055	1527.363
40	1047.370	1041.454	1042.621	1042.541	1038.752
45	678.372	677.292	668.808	671.382	673.643
50	451.852	457.462	459.583	459.263	450.078
55	317.045	316.998	317.979	317.532	314.824
60	212.760	217.622	214.414	213.673	216.188
65	150.615	149.668	146.953	145.019	147.894
70	104.932	104.672	102.558	105.066	103.172
75	76.705	76.545	76.898	75.691	79.780
80	65.146	66.213	66.767	66.293	67.054
85	53.787	50.812	51.973	51.406	50.565
90	28.861	29.161	29.495	27.987	29.248
95	37.492	36.458	36.572	35.638	36.045
100	50.012	49.391	48.031	49.418	46.843
105	53.467	52.566	51.859	53.267	50.805
110	50.332	49.892	49.718	52.680	53.006
115	45.223	44.516	46.303	43.915	43.322
120	44.629	44.382	45.770	45.449	44.902
125	49.105	50.579	50.332	49.191	49.405
130	52.920	53.747	53.633	52.893	52.293
135	57.122	58.863	58.796	58.483	56.788
140	69.475	68.801	68.808	66.113	67.094
145	74.624	77.752	74.651	74.857	72.476
150	85.409	84.082	80.954	81.421	85.743
155	89.085	88.498	90.232	90.352	87.751
160	83.635	80.867	83.155	81.107	82.368
165	67.861	71.462	71.142	68.888	66.833
170	73.377	65.806	68.588	68.201	64.946
175	67.954	63.945	66.046	66.427	61.077
180	67.861	67.861	67.861	67.861	67.861

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1282.98	N.A.	26.00
0-30	2483.42	N.A.	50.40
0-40	3453.48	N.A.	70.10
0-60	4290.83	N.A.	87.10
0-80	4528.39	N.A.	91.90
0-90	4582.48	N.A.	93.00
10-90	4241.87	N.A.	86.10
20-40	2170.5	N.A.	44.00
20-50	2716.57	N.A.	55.10
40-70	989.30	N.A.	20.10
60-80	237.56	N.A.	4.80
70-80	85.61	N.A.	1.70
80-90	54.09	N.A.	1.10
90-110	95.16	N.A.	1.90
90-120	141.24	N.A.	2.90
90-130	185.59	N.A.	3.80
90-150	278.69	N.A.	5.70
90-180	345.51	N.A.	7.00
110-180	250.35	N.A.	5.10
0-180	4927.99	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	340.61
10-20	942.37
20-30	1200.44
30-40	970.06
40-50	546.06
50-60	291.28
60-70	151.95
70-80	85.61
80-90	54.09
90-100	41.02
100-110	54.14
110-120	46.08
120-130	44.35
130-140	45.91
140-150	47.19
150-160	39.79
160-170	20.67
170-180	6.36

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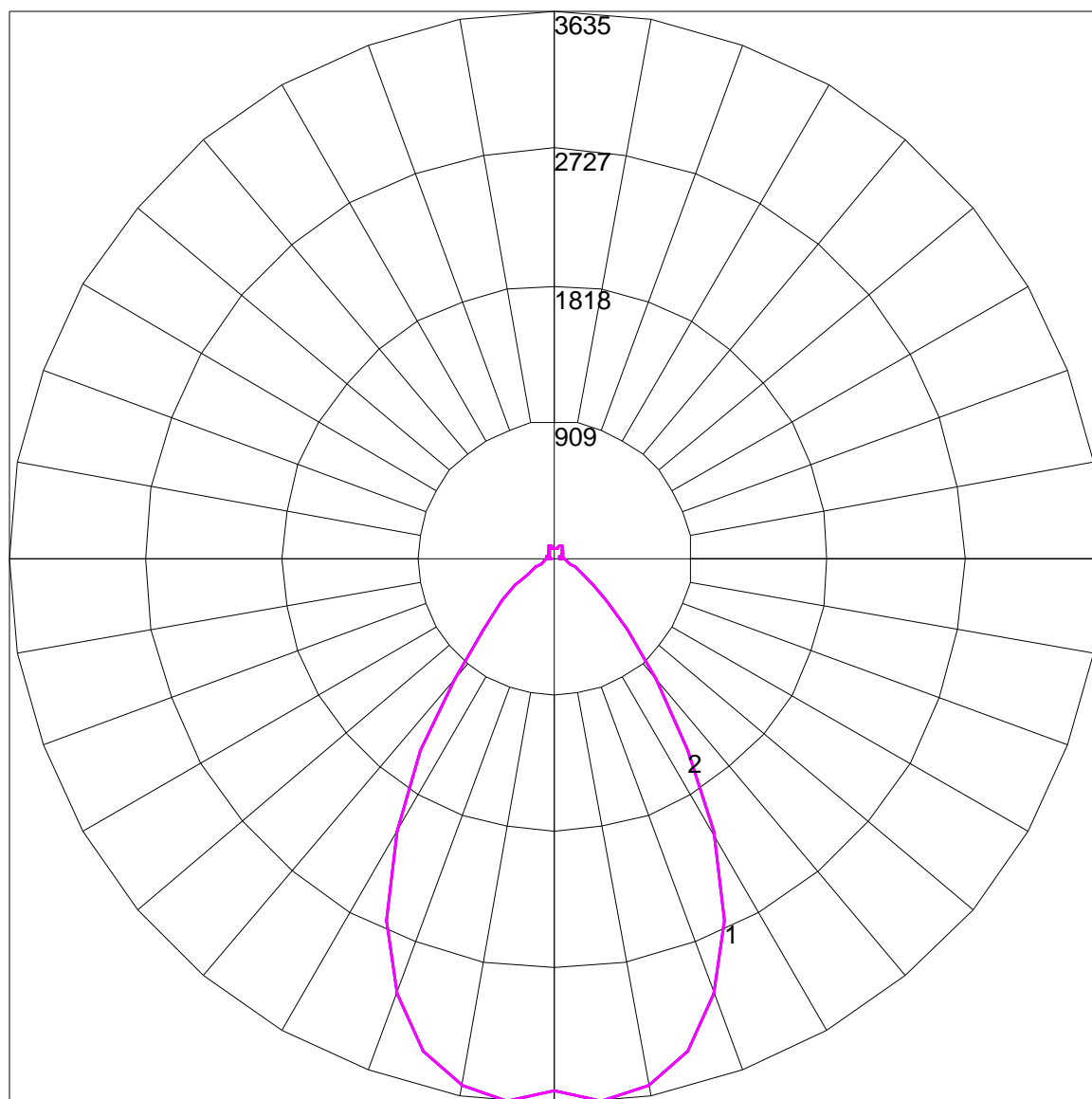
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	117	117	117	117	114	114	114	114	107	107	107	101	101	101	96	96	96	93
1	110	106	103	100	107	104	101	98	98	96	94	93	91	90	89	87	86	84
2	103	97	92	88	100	94	90	86	90	86	83	86	83	80	82	80	77	75
3	96	88	82	77	94	86	81	76	83	78	74	79	75	72	76	73	70	68
4	90	81	74	69	88	79	73	68	76	71	67	73	69	65	71	67	64	62
5	85	75	68	62	82	73	67	62	70	65	61	68	63	59	66	62	58	56
6	79	69	62	57	77	68	61	56	65	60	55	63	58	54	61	57	53	52
7	75	64	57	52	73	63	56	52	61	55	51	59	54	50	57	53	49	48
8	71	60	53	48	69	59	52	47	57	51	47	55	50	46	54	49	46	44
9	67	56	49	44	65	55	48	44	53	47	43	52	47	43	50	46	42	41
10	63	52	45	41	62	51	45	41	50	44	40	49	44	40	47	43	39	38

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POLAR GRAPH



Maximum Candela = 3635.443 Located At Horizontal Angle = 0, Vertical Angle = 5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)