

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-1MR.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002

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

[ISSUE DATE]

[TEST DATE] Fri Aug 12 2016

[UPDATE] Thu May 24 2017

[TEST] SP-00525_2_m

[MANUFAC] Spectrum Lighting

[LUMCAT] PRX22LEDLX-65L-35K-E1-PR22-1MR

[LUMINAIRE] LED Prismatic Tech Pendant with Formed Metal Ring

[OTHER] 22" Diam. clear acrylic refractor

[OTHER] 28" Outside Diam. ring, Matte White Finish, 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	5148
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	95
Total Luminaire Watts	54.1
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.08
Spacing Criterion (90-270)	1.06
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-PR22-1MR.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	828	832	819
55	424	440	440
65	171	170	175
75	102	100	101
85	58	53	58

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-1MR.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	3806.922	3806.922	3806.922	3806.922	3806.922
5	4031.888	4041.240	4016.234	4046.395	4017.001
10	4355.390	4358.071	4331.631	4355.770	4352.135
15	4247.970	4258.962	4274.583	4303.958	4210.304
20	3965.155	3967.930	3970.844	3968.076	3949.107
25	3383.571	3381.843	3353.102	3326.569	3294.920
30	2403.348	2389.367	2369.037	2363.681	2329.477
35	1551.722	1552.302	1537.915	1542.964	1543.258
40	683.028	685.776	680.027	676.998	686.396
45	276.878	284.149	278.172	280.333	273.817
50	201.234	206.970	206.490	204.582	211.272
55	138.509	142.938	143.892	142.004	143.872
60	77.612	79.360	78.112	78.606	79.913
65	52.866	53.493	52.626	53.033	54.260
70	37.039	36.738	36.258	36.805	39.053
75	28.934	28.808	28.247	30.208	28.501
80	22.351	21.424	22.291	22.024	21.951
85	14.447	12.913	13.213	12.793	14.387
90	27.534	26.400	26.633	25.886	26.740
95	27.741	26.533	27.374	26.827	26.193
100	35.304	35.238	35.398	33.270	33.337
105	59.296	59.843	56.795	58.603	57.542
110	78.673	76.652	77.312	79.820	79.853
115	90.952	89.451	88.678	89.591	90.278
120	101.751	103.065	102.725	102.665	103.492
125	117.866	115.651	115.264	117.585	118.966
130	129.531	129.671	129.772	128.478	133.140
135	141.758	140.163	142.304	140.704	139.430
140	147.394	149.862	150.795	150.362	149.448
145	153.837	155.164	152.436	153.463	155.304
150	162.041	158.006	155.064	159.280	155.911
155	152.883	157.285	155.178	156.345	157.285
160	145.860	148.774	149.108	148.541	143.718
165	144.105	138.176	140.137	135.961	137.229
170	125.123	136.662	143.045	128.411	128.818
175	140.283	128.838	141.497	140.850	142.651
180	141.371	141.371	141.371	141.371	141.371

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-1MR.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	1583.17	N.A.	30.80
0-30	3074.67	N.A.	59.70
0-40	4023.08	N.A.	78.20
0-60	4426.13	N.A.	86.00
0-80	4511.9	N.A.	87.70
0-90	4532.4	N.A.	88.10
10-90	4138.84	N.A.	80.40
20-40	2439.91	N.A.	47.40
20-50	2716.04	N.A.	52.80
40-70	457.94	N.A.	8.90
60-80	85.76	N.A.	1.70
70-80	30.88	N.A.	0.60
80-90	20.50	N.A.	0.40
90-110	91.94	N.A.	1.80
90-120	181.20	N.A.	3.50
90-130	285.54	N.A.	5.50
90-150	490.69	N.A.	9.50
90-180	615.11	N.A.	11.90
110-180	523.17	N.A.	10.20
0-180	5147.51	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	393.56
10-20	1189.61
20-30	1491.5
30-40	948.41
40-50	276.12
50-60	126.93
60-70	54.89
70-80	30.88
80-90	20.50
90-100	31.34
100-110	60.60
110-120	89.26
120-130	104.34
130-140	108.55
140-150	96.59
150-160	71.57
160-170	39.78
170-180	13.07

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-1MR.IES

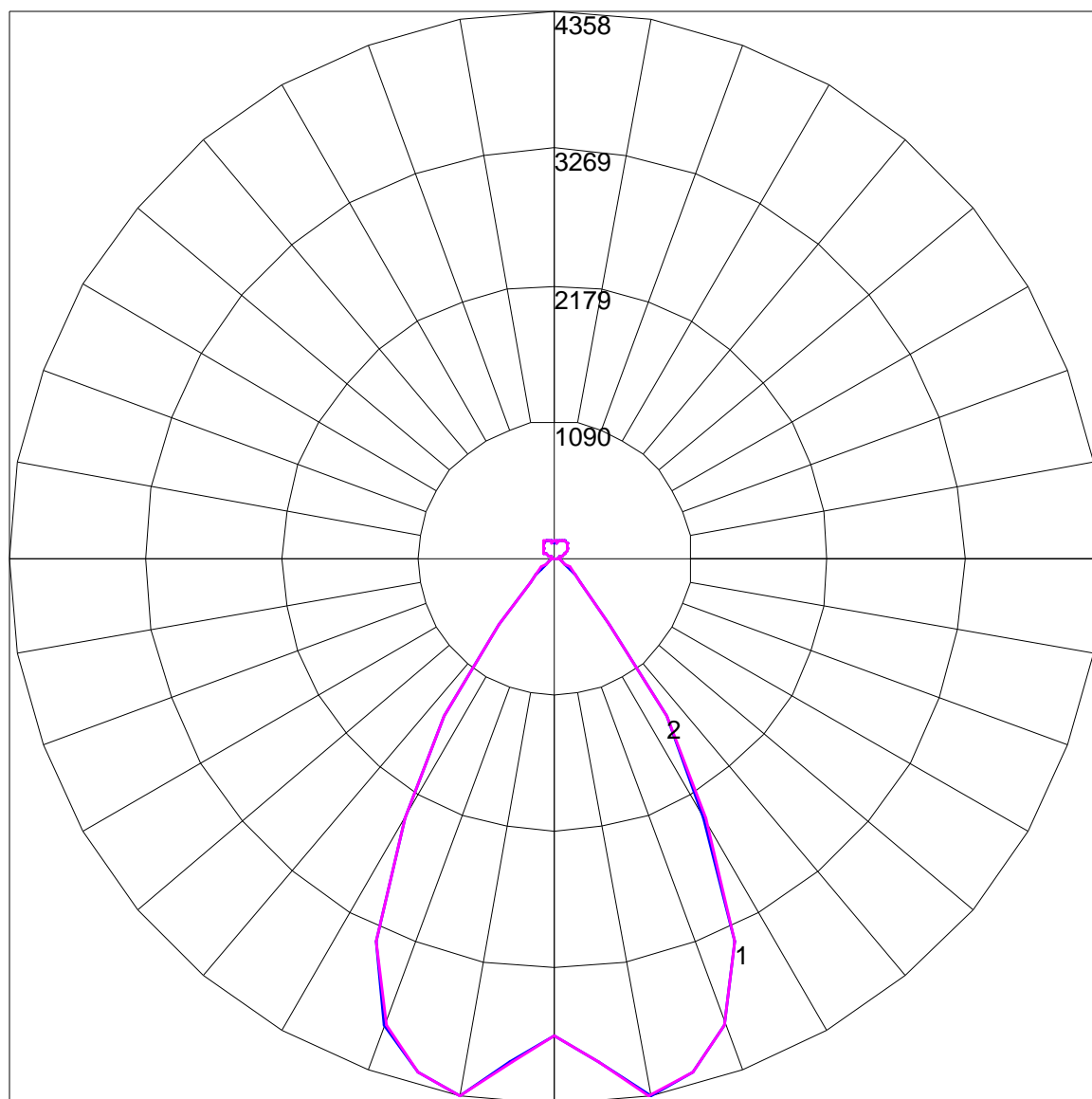
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	116	116	116	116	112	112	112	112	104	104	104	97	97	97	91	91	91	88
1	110	107	104	101	106	103	101	99	97	95	93	91	90	89	86	85	84	81
2	104	98	94	90	100	95	91	88	90	87	84	85	83	81	81	79	77	75
3	98	91	85	81	95	88	83	79	84	80	77	80	77	74	76	74	71	69
4	92	84	78	73	89	82	77	72	78	74	70	75	71	68	72	69	66	64
5	87	78	72	67	84	76	71	66	73	68	65	70	66	63	67	64	61	59
6	82	73	66	62	80	71	65	61	68	63	60	66	62	58	63	60	57	55
7	78	68	61	57	76	67	61	56	64	59	55	62	58	54	60	56	53	51
8	74	64	57	53	72	62	57	52	60	55	51	58	54	51	57	53	50	48
9	70	60	53	49	68	59	53	49	57	52	48	55	51	47	53	49	47	45
10	66	56	50	46	65	55	50	46	54	49	45	52	48	44	51	47	44	42

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-65L35KE1-PR22-1MR.IES

POLAR GRAPH



Maximum Candela = 4358.071 Located At Horizontal Angle = 22.5, Vertical Angle = 10
1 - Vertical Plane Through Horizontal Angles (22.5 - 202.5) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)