

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRX22LEDLX-130L35KE1-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-130L-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	9719
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	94
Total Luminaire Watts	103.86
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-130L35KE1-PR22-CFG.IES

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	4002	3946	3974
55	1912	1918	1899
65	959	936	942
75	534	536	556
85	428	414	402

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-130L35KE1-PR22-CFG.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0	7008.892	7008.892	7008.892	7008.892	7008.892
5	7170.054	7051.580	7042.187	7039.280	7093.834
10	7020.324	6984.937	7042.885	7014.536	6965.060
15	6700.420	6614.203	6622.793	6700.368	6677.991
20	6087.687	6095.514	6062.955	6019.162	6032.475
25	5252.318	5255.738	5215.563	5216.734	5154.445
30	4141.681	4128.328	4155.980	4132.551	4107.123
35	3063.550	3063.484	3080.783	3059.090	3012.363
40	2065.690	2054.022	2056.324	2056.166	2048.694
45	1337.929	1335.798	1319.065	1324.143	1328.602
50	891.172	902.236	906.419	905.788	887.673
55	625.297	625.205	627.138	626.257	620.916
60	419.618	429.208	422.881	421.420	426.380
65	297.053	295.185	289.831	286.016	291.686
70	206.954	206.441	202.271	207.218	203.482
75	151.283	150.967	151.664	149.283	157.347
80	128.485	130.590	131.682	130.748	132.247
85	106.082	100.215	102.504	101.386	99.728
90	56.922	57.514	58.171	55.198	57.685
95	73.944	71.905	72.129	70.287	71.090
100	98.636	97.413	94.729	97.465	92.388
105	105.450	103.675	102.280	105.056	100.202
110	99.268	98.399	98.057	103.898	104.543
115	89.191	87.796	91.322	86.613	85.442
120	88.020	87.533	90.270	89.638	88.559
125	96.847	99.754	99.268	97.018	97.439
130	104.372	106.003	105.779	104.319	103.135
135	112.659	116.093	115.961	115.343	112.002
140	137.022	135.694	135.707	130.392	132.326
145	147.178	153.348	147.231	147.639	142.942
150	168.450	165.832	159.662	160.583	169.108
155	175.698	174.541	177.961	178.198	173.067
160	164.951	159.491	164.003	159.965	162.451
165	133.839	140.943	140.311	135.865	131.813
170	144.718	129.787	135.273	134.510	128.090
175	134.023	126.117	130.261	131.011	120.460
180	133.839	133.839	133.839	133.839	133.839

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-130L35KE1-PR22-CFG.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	2530.38	N.A.	26.00
0-30	4897.96	N.A.	50.40
0-40	6811.18	N.A.	70.10
0-60	8462.65	N.A.	87.10
0-80	8931.18	N.A.	91.90
0-90	9037.86	N.A.	93.00
10-90	8366.09	N.A.	86.10
20-40	4280.8	N.A.	44.00
20-50	5357.79	N.A.	55.10
40-70	1951.16	N.A.	20.10
60-80	468.52	N.A.	4.80
70-80	168.84	N.A.	1.70
80-90	106.68	N.A.	1.10
90-110	187.67	N.A.	1.90
90-120	278.56	N.A.	2.90
90-130	366.04	N.A.	3.80
90-150	549.65	N.A.	5.70
90-180	681.44	N.A.	7.00
110-180	493.76	N.A.	5.10
0-180	9719.3	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	671.77
10-20	1858.61
20-30	2367.59
30-40	1913.22
40-50	1076.98
50-60	574.49
60-70	299.69
70-80	168.84
80-90	106.68
90-100	80.90
100-110	106.77
110-120	90.89
120-130	87.47
130-140	90.55
140-150	93.07
150-160	78.48
160-170	40.77
170-180	12.53

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-130L35KE1-PR22-CFG.IES

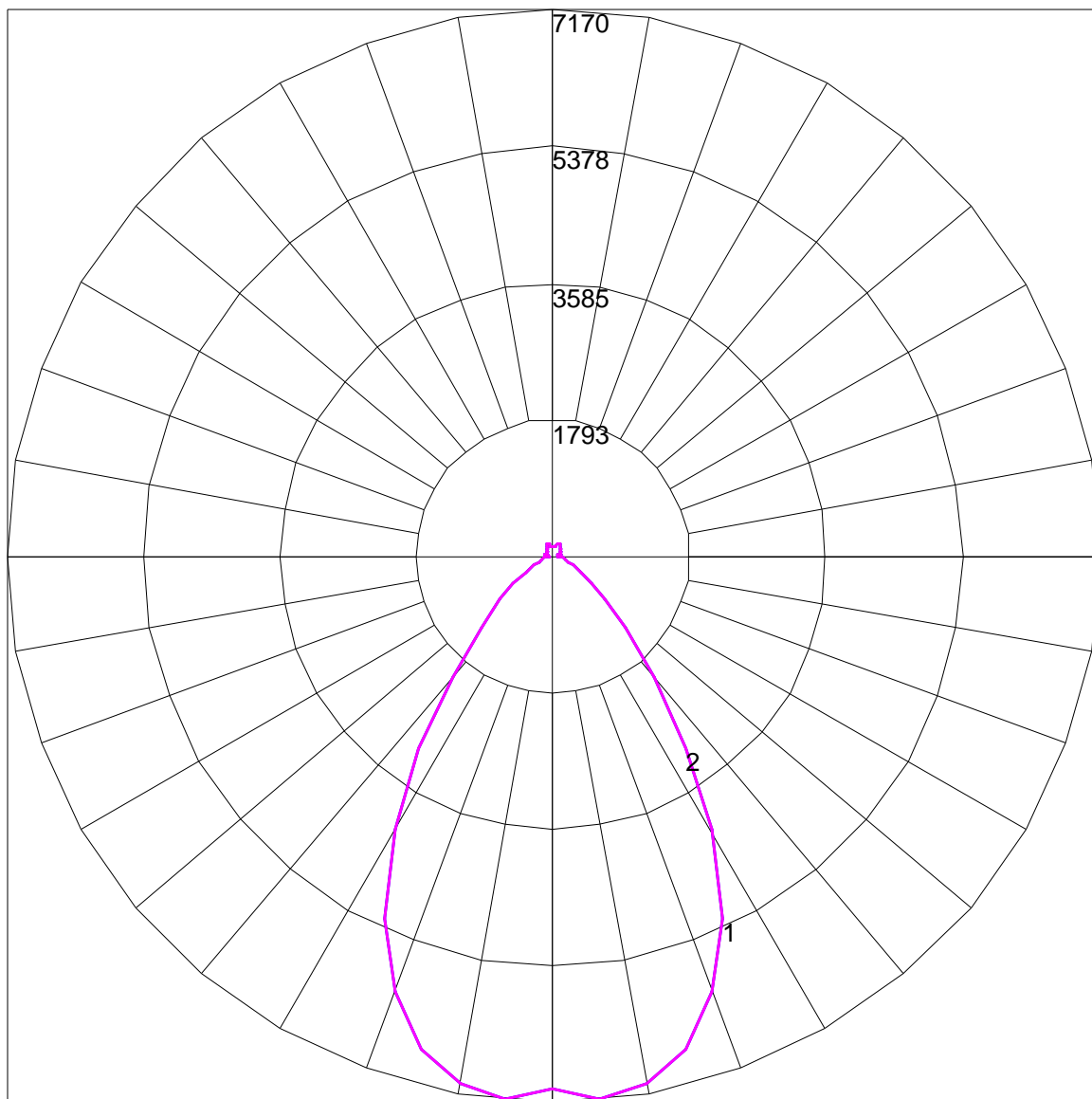
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : PRX22LEDLX-130L35KE1-PR22-CFG.IES

POLAR GRAPH



Maximum Candela = 7170.054 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)