

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRXXX22LEDLX-65L35KE1XXXXPR22XX22CNFR.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002
[TEST] 101925754CRT-009_M-65L
[TESTLAB] Intertek
[ISSUEDATE] 6/30/2015
[UPDATED] 2/23/2016
[LAB-REF LUMCAT] CRT1506030946-001_M-65L
[TESTLAB] Intertek
[MANUFAC] SPECTRUM LIGHTING
[LUMCAT] PRxxx22LEDLX-65L-35K-E1-XXXX-PR22-XX22-CNFR
[LUMINAIRE] LED High Bay - 22" Diam. Prismatic Acrylic Refractor
[OTHER] Conical prismatic acrylic bottom lens w/ internal radial ribs, inside frosted
[OTHER] Tested with PRDDH, domed driver housing
[OTHER] This data approximates performance of PREXT-series, w/ extruded driver housing
[LAMP] N/A
[LAMPCAT] N/A
[OTHER] Total Luminaire Watts is approximate
[OTHER] Catalog Number Update: 60W changed to 65L
[OTHER] This report updated by Spectrum Lighting, scaled from 100L

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5320
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	59
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.54
Spacing Criterion (90-270)	1.50
Spacing Criterion (Diagonal)	1.30
Basic Luminous Shape	Circular w/ Sides
Luminous Length (0-180)	0.00 ft
Luminous Width (90-270)	1.88 ft (Diameter)
Luminous Height	0.60 ft

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Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	3290	3299	3173
55	1291	1343	1336
65	612	610	621
75	420	421	426
85	312	310	318

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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>
0.0	1862.026	1862.026	1862.026	1862.026	1862.026
2.5	1939.230	1946.964	1950.564	1956.898	1924.896
5.0	2135.440	2137.440	2103.038	2131.373	2146.774
7.5	2309.582	2315.916	2320.183	2323.583	2303.915
10.0	2481.191	2494.725	2501.258	2499.258	2488.191
12.5	2654.133	2672.267	2677.801	2663.933	2604.997
15.0	2796.407	2818.141	2827.341	2809.074	2786.073
17.5	2893.745	2922.013	2938.880	2910.612	2883.678
20.0	2936.213	2976.416	2993.550	2950.748	2925.746
22.5	2927.880	2974.749	2986.483	2924.480	2900.078
25.0	2825.808	2878.944	2889.011	2820.341	2796.206
27.5	2667.800	2721.136	2728.003	2672.267	2652.066
30.0	2531.527	2574.662	2602.530	2518.393	2503.925
32.5	2390.053	2418.921	2399.320	2356.184	2346.917
35.0	2160.908	2174.309	2157.108	2125.306	1971.632
37.5	1845.959	1838.159	1831.158	1816.424	1754.088
40.0	1478.874	1471.340	1465.673	1455.006	1464.007
42.5	1119.123	1115.389	1114.122	1126.856	1148.124
45.0	844.442	847.309	846.842	860.843	814.507
47.5	634.832	644.899	644.899	646.166	648.832
50.0	487.958	502.358	501.158	498.892	502.958
52.5	383.886	396.753	395.220	391.020	395.220
55.0	302.148	311.816	314.149	308.682	312.549
57.5	234.945	240.479	243.879	235.745	243.612
60.0	181.676	184.809	182.076	181.742	194.943
62.5	146.541	148.407	146.874	146.941	150.808
65.0	124.873	126.140	124.606	124.473	126.806
67.5	105.005	106.139	105.205	105.605	107.872
70.0	88.404	89.471	88.338	89.471	93.071
72.5	76.137	77.471	76.604	78.071	78.471
75.0	70.537	71.404	70.804	71.937	71.604
77.5	67.337	67.603	66.937	67.737	66.803
80.0	61.203	61.470	61.270	61.270	60.870
82.5	48.202	48.402	47.536	49.069	49.469
85.0	39.669	39.802	39.402	39.202	40.402
87.5	37.802	37.869	37.669	37.869	38.535
90.0	41.135	41.335	41.469	41.469	41.735
92.5	48.002	47.602	47.669	47.802	47.469
95.0	51.603	50.936	51.603	51.203	51.403
97.5	54.069	53.803	54.269	54.536	54.069
100.0	58.803	57.603	57.936	58.270	58.003
102.5	63.470	62.336	62.136	61.736	61.803
105.0	66.937	66.203	65.803	65.803	65.670
107.5	69.537	69.003	68.603	69.137	68.603
110.0	71.670	71.004	71.070	71.870	70.670
112.5	73.070	72.670	73.004	73.270	72.604
115.0	74.004	74.070	75.004	74.137	73.804
117.5	75.337	75.404	76.537	76.004	75.204
120.0	76.937	77.137	78.137	77.271	77.404
122.5	79.071	79.671	80.471	79.871	79.271
125.0	81.271	81.737	82.071	81.271	80.871
127.5	82.737	83.004	82.871	82.204	82.071
130.0	84.138	84.338	83.938	83.471	83.404
132.5	85.671	85.804	85.404	85.071	84.271

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135.0	87.004	87.404	87.204	86.671	86.004
137.5	89.604	89.871	90.071	89.471	88.338
140.0	92.805	92.538	92.738	91.071	90.071
142.5	92.938	93.538	92.071	91.938	89.338
145.0	92.938	93.071	91.338	92.471	90.138
147.5	95.938	95.938	94.871	95.538	92.738
150.0	102.672	101.138	101.405	101.738	98.672
152.5	109.605	106.139	109.139	108.405	105.605
155.0	113.539	112.406	115.672	115.539	111.739
157.5	116.006	117.206	120.339	119.806	115.806
160.0	116.939	119.273	122.339	120.139	117.073
162.5	116.339	117.873	120.339	117.139	114.272
165.0	113.606	115.006	116.472	111.872	110.072
167.5	109.672	111.206	111.739	106.739	105.072
170.0	106.872	109.539	109.072	103.872	102.738
172.5	107.939	111.472	111.206	105.605	104.939
175.0	113.406	117.739	117.739	113.672	110.606
177.5	120.273	124.073	125.006	122.539	118.473
180.0	125.140	125.140	125.140	125.140	125.140

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Zone	Lumens	%Lamp	%Fixt
0-20	1009.34	N.A.	19.00
0-30	2305.44	N.A.	43.30
0-40	3602.93	N.A.	67.70
0-60	4574.52	N.A.	86.00
0-80	4778.88	N.A.	89.80
0-90	4827.22	N.A.	90.70
10-90	4612.65	N.A.	86.70
20-40	2593.58	N.A.	48.80
20-50	3279.57	N.A.	61.60
40-70	1098.99	N.A.	20.70
60-80	204.37	N.A.	3.80
70-80	76.97	N.A.	1.40
80-90	48.33	N.A.	0.90
90-110	124.54	N.A.	2.30
90-120	198.29	N.A.	3.70
90-130	271.05	N.A.	5.10
90-150	397.64	N.A.	7.50
90-180	492.62	N.A.	9.30
110-180	368.08	N.A.	6.90
0-180	5319.83	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	214.57
10-20	794.77
20-30	1296.1
30-40	1297.48
40-50	685.98
50-60	285.61
60-70	127.40
70-80	76.97
80-90	48.33
90-100	55.33
100-110	69.20
110-120	73.76
120-130	72.75
130-140	67.63
140-150	58.96
150-160	51.89
160-170	32.38
170-180	10.71

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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

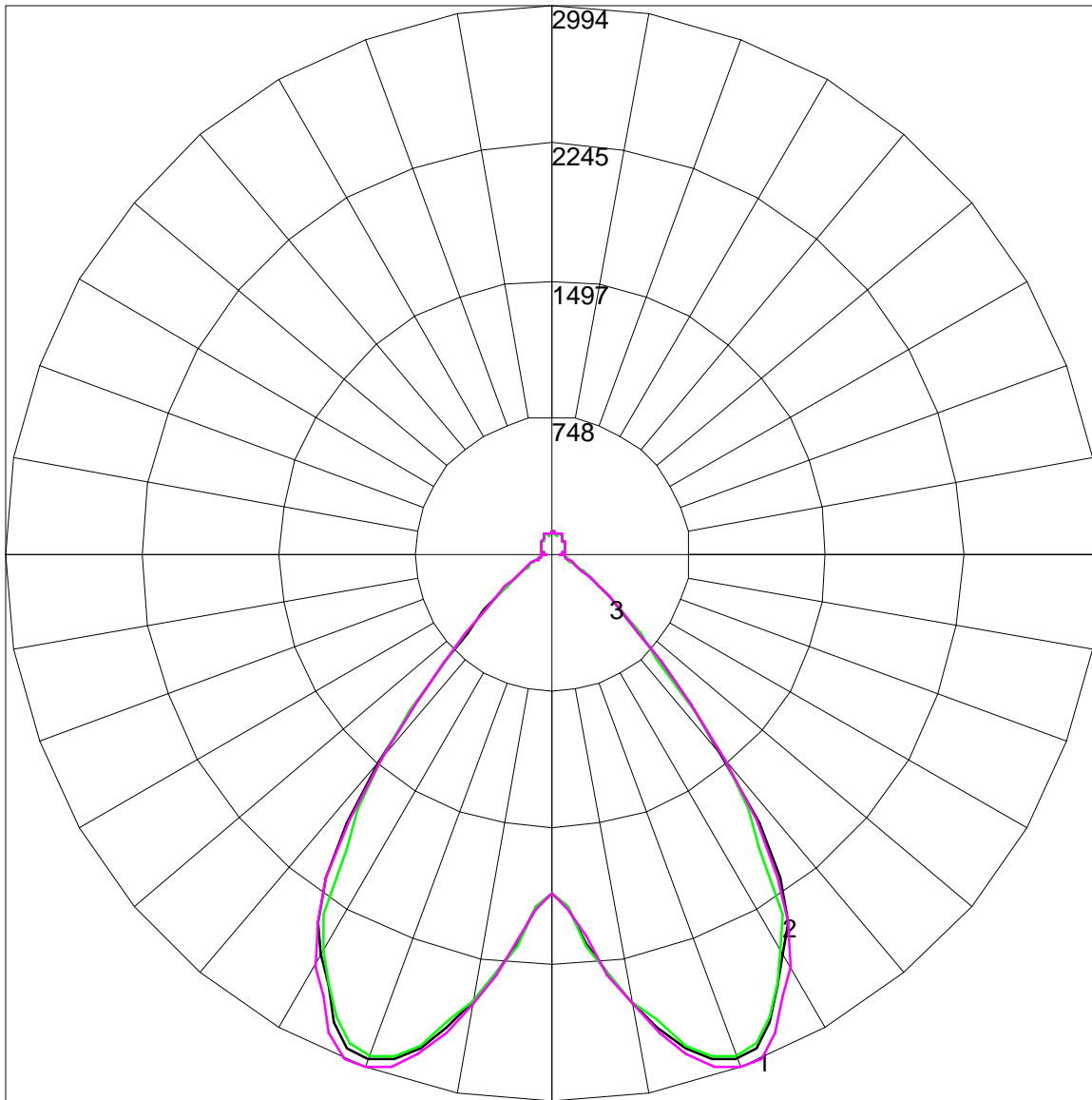
Effective Floor Cavity Reflectance 0.20

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	113	113	113	113	106	106	106	99	99	99	94	94	94	91
1	109	106	103	100	106	103	100	97	97	95	93	92	90	88	87	85	84	81
2	102	96	91	86	99	93	89	85	88	85	81	84	81	78	80	77	75	73
3	95	87	81	76	92	85	79	75	81	76	72	77	73	70	74	70	68	65
4	89	79	72	67	86	77	71	66	74	69	64	71	66	63	68	64	61	59
5	83	73	65	60	80	71	64	59	68	62	58	65	60	56	63	58	55	53
6	77	67	59	54	75	65	58	53	63	57	52	60	55	51	58	54	50	48
7	73	61	54	49	70	60	53	48	58	52	47	56	50	47	54	49	46	44
8	68	57	49	44	66	56	49	44	54	48	43	52	46	43	50	45	42	40
9	64	52	45	41	62	51	45	40	50	44	40	48	43	39	47	42	38	37
10	60	49	42	37	59	48	41	37	46	40	36	45	40	36	44	39	35	34

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POLAR GRAPH



Maximum Candela = 2993.55 Located At Horizontal Angle = 45, Vertical Angle = 20

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

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

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