

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRXXX22LEDLX-130L35KE1XXXXPR22XX22CNFR.IES****DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002
[TEST] 101925754CRT-009_M-130L
[TESTLAB] Intertek
[ISSUEDATE] 6/30/2015
[UPDATED] 2/23/2016
[LAB-REF LUMCAT] CRT1506030946-001_M-130L
[TESTLAB] Intertek
[MANUFAC] SPECTRUM LIGHTING
[LUMCAT] PRxxx22LEDLX-130L-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: 114W changed to 130L
[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	10557
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	117
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

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRXXX22LEDLX-130L35KE1XXXXPR22XX22CNFR.IES****LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6528	6547	6297
55	2563	2664	2651
65	1214	1211	1233
75	833	836	845
85	620	616	631

IES INDOOR REPORT

PHOTOMETRIC FILENAME : PRXXX22LEDLX-130L35KE1XXXXPR22XX22CNFR.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	3695.007	3695.007	3695.007	3695.007	3695.007
2.5	3848.210	3863.557	3870.701	3883.269	3819.765
5.0	4237.569	4241.538	4173.271	4229.499	4260.060
7.5	4583.136	4595.705	4604.172	4610.919	4571.891
10.0	4923.677	4950.534	4963.499	4959.530	4937.568
12.5	5266.863	5302.848	5313.829	5286.311	5169.358
15.0	5549.191	5592.321	5610.578	5574.328	5528.685
17.5	5742.349	5798.444	5831.916	5775.821	5722.372
20.0	5826.624	5906.401	5940.402	5855.465	5805.853
22.5	5810.087	5903.093	5926.378	5803.339	5754.918
25.0	5607.535	5712.978	5732.956	5596.687	5548.794
27.5	5293.984	5399.824	5413.451	5302.848	5262.762
30.0	5023.563	5109.161	5164.463	4997.500	4968.791
32.5	4742.823	4800.108	4761.212	4675.614	4657.224
35.0	4288.107	4314.700	4280.566	4217.459	3912.508
37.5	3663.122	3647.643	3633.752	3604.513	3480.813
40.0	2934.678	2919.729	2908.483	2887.315	2905.176
42.5	2220.788	2213.379	2210.865	2236.135	2278.338
45.0	1675.712	1681.401	1680.475	1708.258	1616.309
47.5	1259.761	1279.738	1279.738	1282.252	1287.544
50.0	968.304	996.880	994.499	990.001	998.071
52.5	761.783	787.317	784.274	775.939	784.274
55.0	599.584	618.767	623.398	612.549	620.222
57.5	466.225	477.206	483.953	467.813	483.424
60.0	360.517	366.736	361.311	360.650	386.845
62.5	290.795	294.500	291.457	291.589	299.263
65.0	247.798	250.312	247.269	247.004	251.635
67.5	208.372	210.622	208.769	209.563	214.061
70.0	175.430	177.547	175.297	177.547	184.691
72.5	151.087	153.733	152.013	154.923	155.717
75.0	139.973	141.693	140.503	142.752	142.090
77.5	133.623	134.152	132.829	134.417	132.565
80.0	121.451	121.981	121.584	121.584	120.790
82.5	95.653	96.050	94.330	97.373	98.167
85.0	78.718	78.983	78.189	77.792	80.174
87.5	75.014	75.146	74.749	75.146	76.469
90.0	81.629	82.026	82.291	82.291	82.820
92.5	95.256	94.462	94.594	94.859	94.198
95.0	102.400	101.077	102.400	101.606	102.003
97.5	107.295	106.766	107.692	108.221	107.295
100.0	116.689	114.307	114.969	115.630	115.101
102.5	125.950	123.700	123.304	122.510	122.642
105.0	132.829	131.374	130.580	130.580	130.315
107.5	137.989	136.930	136.137	137.195	136.137
110.0	142.222	140.899	141.032	142.619	140.238
112.5	145.001	144.207	144.868	145.398	144.075
115.0	146.853	146.985	148.837	147.118	146.456
117.5	149.499	149.631	151.880	150.822	149.234
120.0	152.674	153.071	155.056	153.336	153.600
122.5	156.908	158.098	159.686	158.495	157.305
125.0	161.274	162.200	162.861	161.274	160.480
127.5	164.184	164.713	164.449	163.126	162.861
130.0	166.963	167.359	166.566	165.640	165.507
132.5	170.005	170.270	169.476	168.815	167.227

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRXXX22LEDLX-130L35KE1XXXXPR22XX22CNFR.IES****CANDELA TABULATION - (Cont.)**

135.0	172.651	173.445	173.048	171.990	170.667
137.5	177.811	178.340	178.737	177.547	175.297
140.0	184.162	183.632	184.029	180.722	178.737
142.5	184.426	185.617	182.706	182.442	177.282
145.0	184.426	184.691	181.251	183.500	178.870
147.5	190.380	190.380	188.263	189.586	184.029
150.0	203.742	200.699	201.228	201.890	195.804
152.5	217.501	210.622	216.575	215.120	209.563
155.0	225.307	223.058	229.540	229.276	221.735
157.5	230.202	232.583	238.801	237.743	229.805
160.0	232.054	236.685	242.770	238.405	232.319
162.5	230.863	233.906	238.801	232.451	226.762
165.0	225.439	228.217	231.128	221.999	218.427
167.5	217.633	220.676	221.735	211.812	208.505
170.0	212.077	217.369	216.443	206.123	203.874
172.5	214.194	221.206	220.676	209.563	208.240
175.0	225.042	233.642	233.642	225.571	219.486
177.5	238.669	246.210	248.062	243.167	235.097
180.0	248.327	248.327	248.327	248.327	248.327

IES INDOOR REPORT**PHOTOMETRIC FILENAME : PRXXX22LEDLX-130L35KE1XXXXPR22XX22CNFR.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	2002.94	N.A.	19.00
0-30	4574.93	N.A.	43.30
0-40	7149.65	N.A.	67.70
0-60	9077.67	N.A.	86.00
0-80	9483.22	N.A.	89.80
0-90	9579.14	N.A.	90.70
10-90	9153.34	N.A.	86.70
20-40	5146.71	N.A.	48.80
20-50	6507.97	N.A.	61.60
40-70	2180.84	N.A.	20.70
60-80	405.55	N.A.	3.80
70-80	152.73	N.A.	1.40
80-90	95.91	N.A.	0.90
90-110	247.13	N.A.	2.30
90-120	393.50	N.A.	3.70
90-130	537.87	N.A.	5.10
90-150	789.07	N.A.	7.50
90-180	977.55	N.A.	9.30
110-180	730.42	N.A.	6.90
0-180	10556.68	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	425.79
10-20	1577.14
20-30	2571.99
30-40	2574.72
40-50	1361.26
50-60	566.76
60-70	252.81
70-80	152.73
80-90	95.91
90-100	109.80
100-110	137.33
110-120	146.37
120-130	144.37
130-140	134.21
140-150	117.00
150-160	102.96
160-170	64.26
170-180	21.25

IES INDOOR REPORT

PHOTOMETRIC FILENAME : PRXXX22LEDLX-130L35KE1XXXXPR22XX22CNFR.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

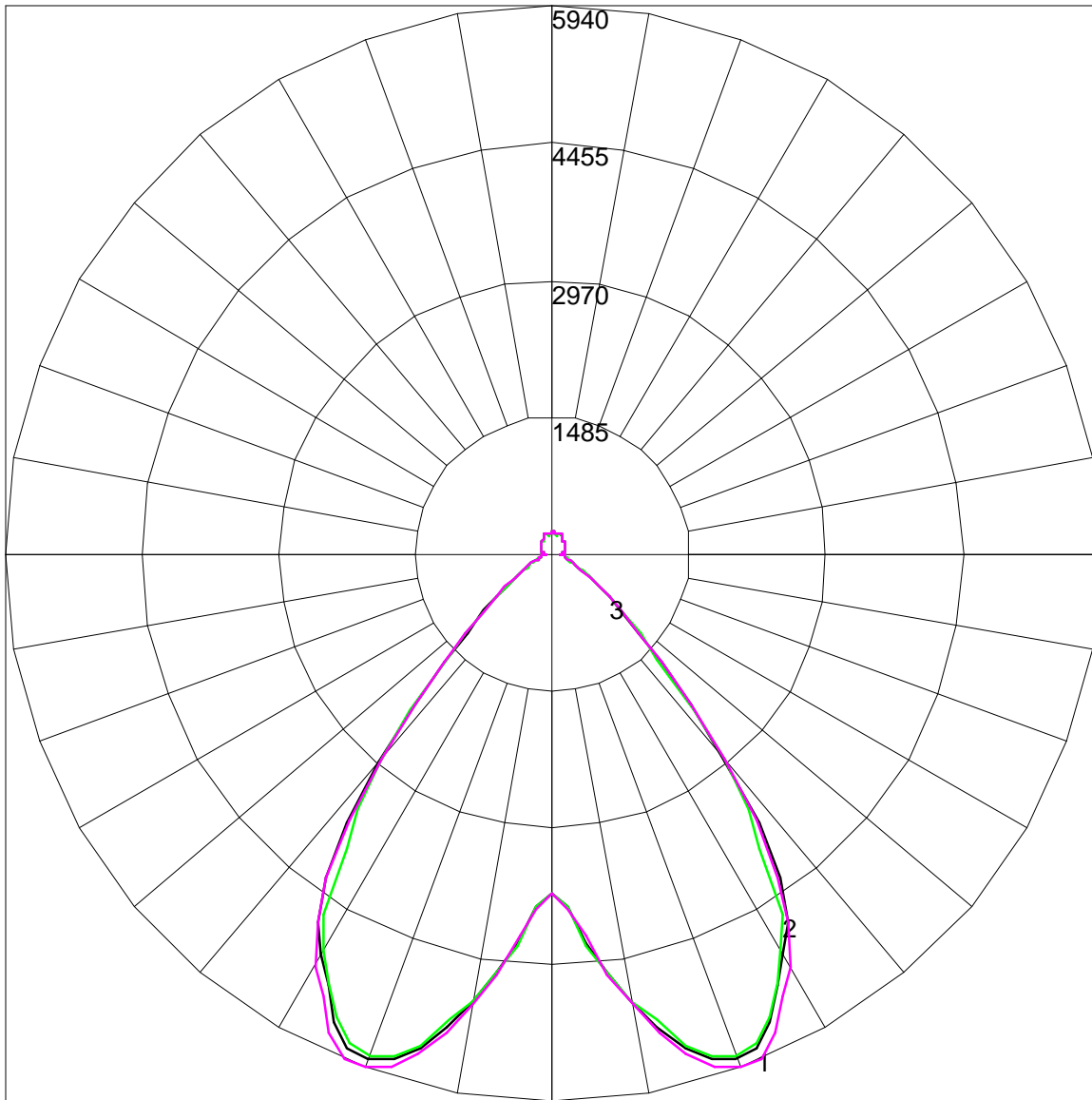
Effective Floor Cavity Reflectance 0.20

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	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

IES INDOOR REPORT

PHOTOMETRIC FILENAME : PRXXX22LEDLX-130L35KE1XXXXPR22XX22CNFR.IES

POLAR GRAPH



Maximum Candela = 5940.402 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)