



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-2080-PL-HO-30.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST]
[TESTLAB]Dekko
[ISSUE DATE]06-19-2017
[TEST DATE]3/8/17
[MANUFACTURER]LSI INDUSTRIES, INC
[LUMCAT] LDI-4-LED-2080-PL-HO-30
[ABSOLUTE]NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED.
[OTHER]TEST PROCEDURE: IESNA LM-79-08
[SEARCH_SOURCETYPE] LED
[SEARCH_APPLICATION] Outdoor

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2811
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	56
Total Luminaire Watts	50.1
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.75 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	2482	2506	2886
55	1999	2286	2831
65	629	1742	3174
75	221	416	1923
85	193	309	463

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-2080-PL-HO-30.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	795.424	795.424	795.424	795.424	795.424
2.5	814.184	801.990	795.424	789.796	785.106
5.0	814.184	801.052	794.486	787.920	783.230
7.5	810.432	798.238	789.796	781.354	775.726
10.0	802.928	791.672	780.416	772.912	767.284
12.5	793.548	781.354	769.160	763.532	758.842
15.0	781.354	767.284	756.966	753.214	750.400
17.5	767.284	750.400	742.896	743.834	742.896
20.0	751.338	733.516	726.950	732.578	733.516
22.5	734.454	715.694	709.128	720.384	724.136
25.0	714.756	695.996	692.244	707.252	712.880
27.5	694.120	674.422	673.484	691.306	700.686
30.0	670.670	651.910	652.848	674.422	687.554
32.5	645.344	626.584	630.336	655.662	671.608
35.0	618.142	599.382	605.948	635.026	654.724
37.5	590.002	571.242	579.684	612.514	635.964
40.0	557.172	540.288	552.482	588.126	615.328
42.5	524.342	506.520	524.342	562.800	592.816
45.0	489.636	472.752	494.326	535.598	569.366
47.5	452.116	438.046	463.372	506.520	543.102
50.0	412.720	402.402	430.542	476.504	515.900
52.5	369.572	363.944	398.650	445.550	484.008
55.0	319.858	321.734	365.820	412.720	453.054
57.5	262.640	273.896	332.990	381.766	422.100
60.0	195.104	218.554	295.470	351.750	394.898
62.5	122.878	155.708	255.136	324.548	385.518
65.0	74.102	95.676	205.422	307.664	374.262
67.5	46.900	57.218	144.452	275.772	347.998
70.0	31.892	38.458	85.358	226.058	323.610
72.5	22.512	27.202	47.838	154.770	281.400
75.0	15.946	19.698	30.016	78.792	138.824
77.5	11.256	14.070	18.760	35.644	75.978
80.0	9.380	11.256	13.132	21.574	42.210
82.5	6.566	8.442	11.256	14.070	22.512
85.0	4.690	6.566	7.504	7.504	11.256
87.5	3.752	4.690	5.628	4.690	4.690
90.0	2.814	4.690	9.380	4.690	3.752
92.5	15.008	42.210	33.768	19.698	16.884
95.0	23.450	59.094	71.288	66.598	68.474
97.5	31.892	67.536	82.544	60.970	45.024
100.0	43.148	75.040	95.676	75.978	68.474
102.5	53.466	85.358	99.428	101.304	86.296
105.0	63.784	94.738	108.808	125.692	121.002
107.5	73.164	101.304	120.064	136.948	148.204
110.0	82.544	107.870	130.382	138.824	134.134
112.5	90.048	113.498	140.700	149.142	142.576
115.0	97.552	118.188	148.204	159.460	151.956
117.5	104.118	124.754	151.956	167.902	160.398
120.0	111.622	131.320	153.832	168.840	166.964
122.5	118.188	136.010	156.646	169.778	167.902
125.0	125.692	140.700	162.274	169.778	170.716
127.5	132.258	143.514	166.964	170.716	172.592
130.0	137.886	146.328	167.902	172.592	173.530
132.5	142.576	151.018	169.778	175.406	174.468

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-2080-PL-HO-30.IES

CANDELA TABULATION - (Cont.)

135.0	148.204	153.832	173.530	176.344	175.406
137.5	151.956	153.832	172.592	177.282	176.344
140.0	151.956	155.708	169.778	177.282	176.344
142.5	154.770	160.398	167.902	177.282	175.406
145.0	160.398	162.274	166.964	176.344	174.468
147.5	164.150	163.212	166.964	174.468	173.530
150.0	166.026	164.150	165.088	171.654	171.654
152.5	166.026	164.150	164.150	169.778	169.778
155.0	166.026	165.088	164.150	167.902	167.902
157.5	166.026	165.088	163.212	165.088	165.088
160.0	166.964	165.088	164.150	164.150	163.212
162.5	166.026	164.150	164.150	163.212	162.274
165.0	166.964	165.088	164.150	163.212	162.274
167.5	166.964	165.088	163.212	163.212	162.274
170.0	166.026	164.150	163.212	161.336	161.336
172.5	165.088	163.212	162.274	161.336	160.398
175.0	164.150	163.212	162.274	161.336	160.398
177.5	164.150	163.212	162.274	161.336	159.460
180.0	162.274	162.274	162.274	162.274	162.274

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-2080-PL-HO-30.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	290.21	N.A.	10.30
0-30	613.78	N.A.	21.80
0-40	1000.77	N.A.	35.60
0-60	1722.68	N.A.	61.30
0-80	1994.59	N.A.	71.00
0-90	2004.39	N.A.	71.30
10-90	1928.89	N.A.	68.60
20-40	710.56	N.A.	25.30
20-50	1101.83	N.A.	39.20
40-70	928.22	N.A.	33.00
60-80	271.92	N.A.	9.70
70-80	65.60	N.A.	2.30
80-90	9.80	N.A.	0.30
90-110	160.45	N.A.	5.70
90-120	295.93	N.A.	10.50
90-130	434.76	N.A.	15.50
90-150	668.04	N.A.	23.80
90-180	806.85	N.A.	28.70
110-180	646.40	N.A.	23.00
0-180	2811.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	75.51
10-20	214.71
20-30	323.57
30-40	386.99
40-50	391.26
50-60	330.64
60-70	206.31
70-80	65.60
80-90	9.80
90-100	52.17
100-110	108.28
110-120	135.47
120-130	138.83
130-140	127.85
140-150	105.43
150-160	76.79
160-170	46.51
170-180	15.51

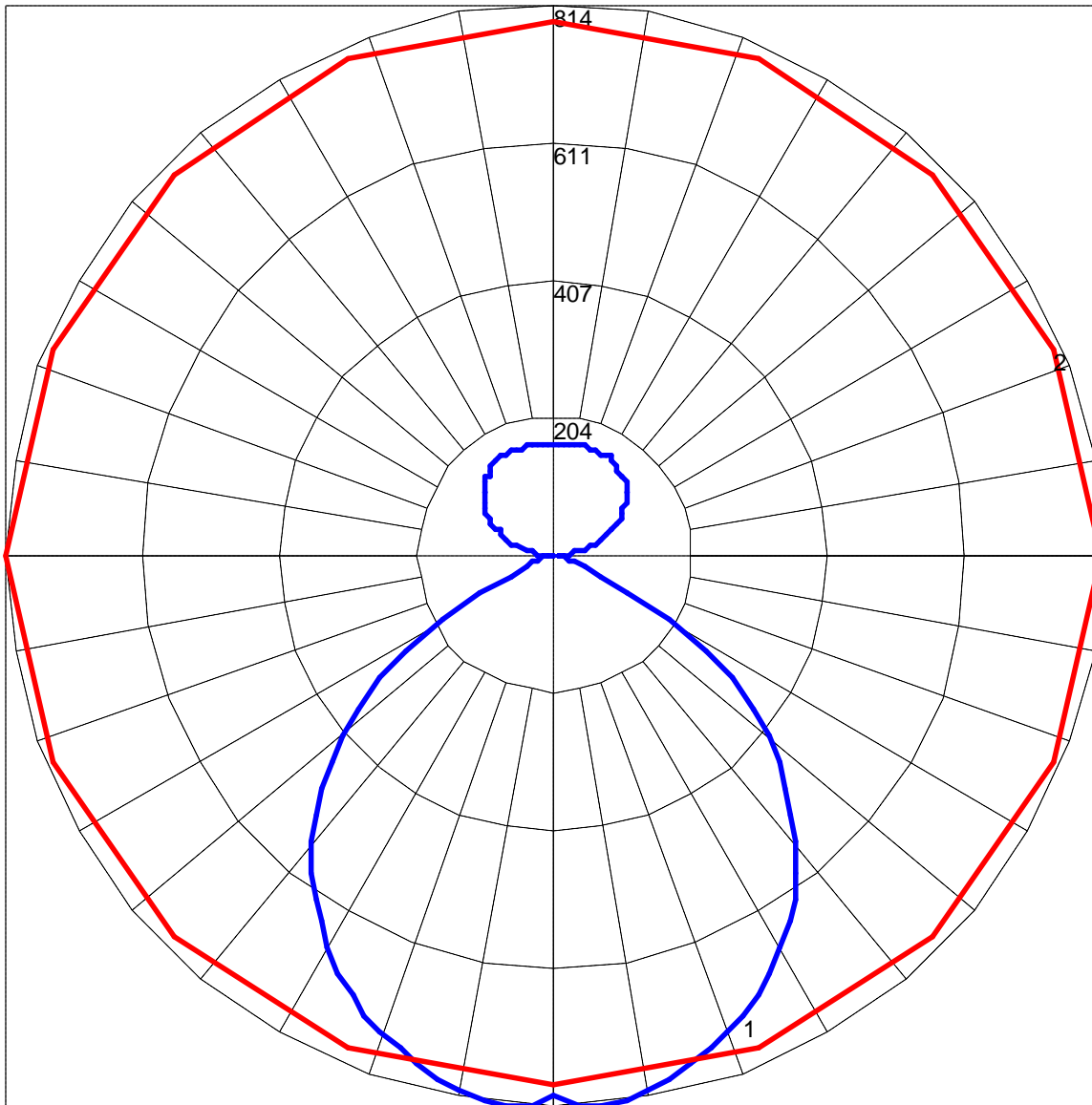
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-2080-PL-HO-30.IES

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	112	112	112	112	106	106	106	106	95	95	95	85	85	85	76	76	76	71
1	103	99	96	92	98	94	91	88	85	82	80	76	74	73	68	67	66	62
2	95	87	81	76	89	83	78	73	75	71	67	68	64	61	61	58	56	53
3	87	77	70	64	82	73	67	62	66	61	57	60	56	52	54	51	48	45
4	79	68	61	54	75	65	58	53	59	53	49	54	49	45	48	45	42	39
5	73	61	53	47	69	58	51	45	53	47	42	48	43	39	44	40	36	34
6	67	55	47	41	64	53	45	40	48	42	37	44	38	35	40	35	32	30
7	62	50	42	36	59	48	40	35	44	37	33	40	35	31	36	32	29	26
8	58	45	37	32	55	43	36	31	40	34	29	36	31	27	33	29	26	23
9	54	42	34	29	51	40	33	28	37	31	26	34	28	25	31	26	23	21
10	51	38	31	26	48	37	30	25	34	28	24	31	26	22	28	24	21	19

POLAR GRAPH



Maximum Candela = 814.184 Located At Horizontal Angle = 0, Vertical Angle = 2.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2.5) (Through Max. Cd.)

This document was created with Win2PDF available at <http://www.win2pdf.com>.
The unregistered version of Win2PDF is for evaluation or non-commercial use only.
This page will not be added after purchasing Win2PDF.