



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-100-PL-HO-40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] LDI LED 4 PL HO NW S UE 0 100
 [TESTLAB] Dekko
 [TESTDATE] 03-16-2017
 [ISSUE DATE] 06-19-2017
 [MANUFACTURER] LSI INDUSTRIES, INC
 [_SEARCH_SOURCETYPE] LED
 [_SEARCH_APPLICATION] Outdoor
 [OTHER] TEST PROCEDURE: IESNA LM-79-08
 [_ABSOLUTE] NOTE: DATA SHOWN IS ABSOLUTE FOR THE SAMPLE PROVIDED
 [LUMCAT] LDI-4-LED-100-PL-HO-40

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4042
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	50.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.16
Spacing Criterion (Diagonal)	1.30
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	5896	5085	4837
55	5594	4393	3472
65	4913	2823	1591
75	3296	1166	749
85	1882	1385	1308

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : LDI-4-LED-100-PL-HO-40.IES

CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0	1747.011	1747.011	1747.011	1747.011	1747.011	1747.011	1747.011	1747.011	1747.011	1747.011
10	1686.598	1681.503	1677.825	1675.524	1676.313	1678.456	1681.250	1678.888	1677.672	1670.459
20	1595.110	1588.331	1578.432	1564.700	1548.538	1534.239	1531.084	1532.195	1537.383	1532.186
30	1469.565	1461.312	1439.602	1406.128	1375.395	1351.839	1337.815	1334.029	1344.389	1343.724
40	1283.884	1270.224	1232.844	1191.287	1153.899	1120.785	1097.246	1087.759	1096.436	1102.281
50	1042.380	1018.603	972.333	928.373	887.861	849.416	819.549	799.787	799.265	806.077
60	747.974	723.957	674.915	626.053	572.103	502.074	426.292	356.822	316.538	305.083
70	410.607	381.534	315.593	236.287	153.157	103.949	86.302	76.341	71.442	70.011
80	65.338	60.880	51.167	44.258	40.594	39.039	39.133	38.600	38.237	38.166
90	26.175	26.593	26.803	27.163	27.542	27.515	28.531	28.856	26.962	25.456

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-100-PL-HO-40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	621.52	N.A.	15.40
0-30	1301.3	N.A.	32.20
0-40	2100.54	N.A.	52.00
0-60	3528.27	N.A.	87.30
0-80	4002.24	N.A.	99.00
0-90	4041.6	N.A.	100.00
10-90	3878.11	N.A.	96.00
20-40	1479.02	N.A.	36.60
20-50	2272.52	N.A.	56.20
40-70	1780.12	N.A.	44.00
60-80	473.97	N.A.	11.70
70-80	121.58	N.A.	3.00
80-90	39.37	N.A.	1.00
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	4041.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	163.49
10-20	458.03
20-30	679.79
30-40	799.23
40-50	793.50
50-60	634.23
60-70	352.39
70-80	121.58
80-90	39.37
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

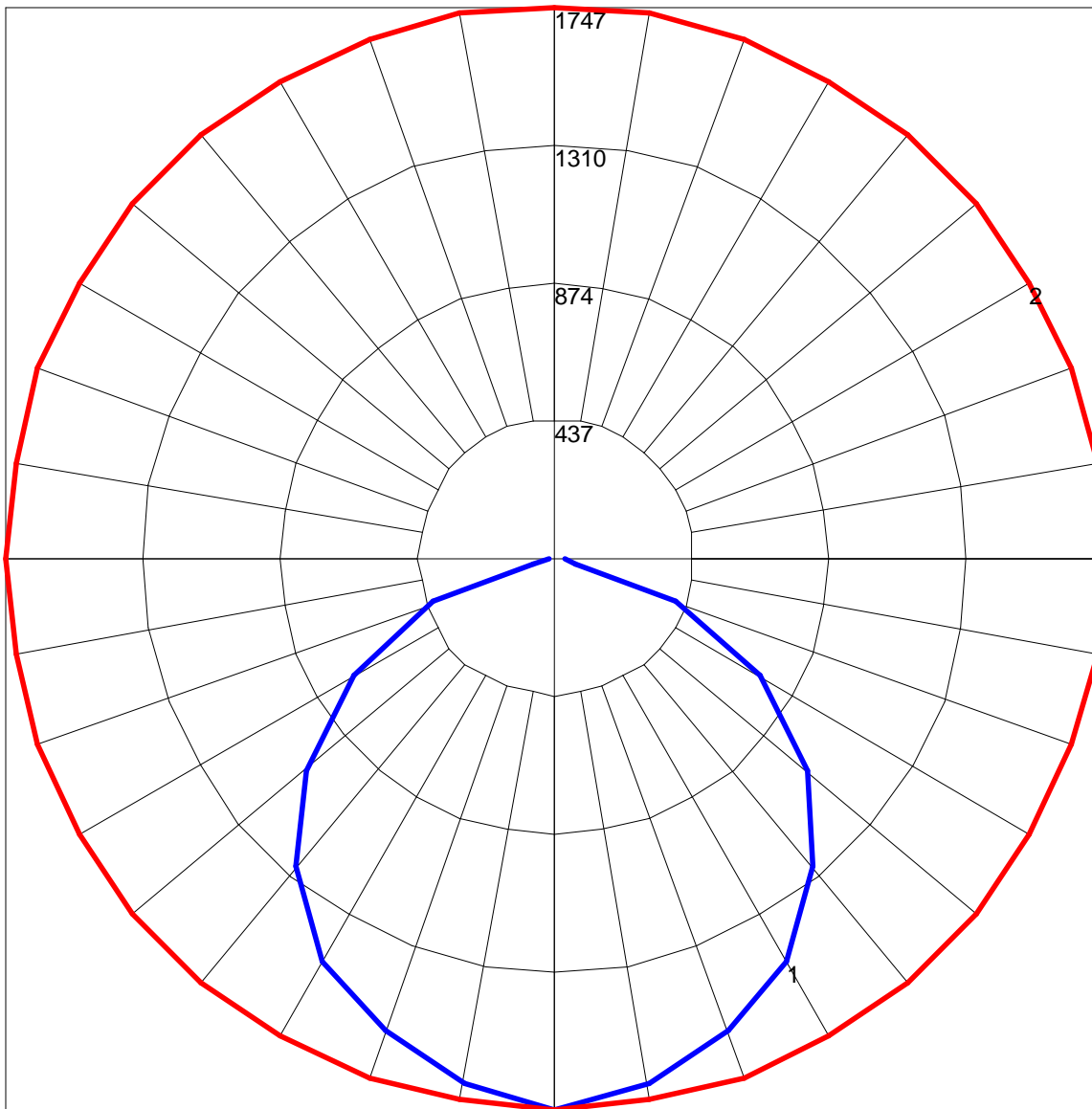
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-100-PL-HO-40.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	106	102	99	108	104	100	97	100	97	94	96	93	91	92	90	89	87
2	101	94	88	83	99	92	86	82	89	84	80	85	81	78	82	79	76	74
3	93	83	76	70	91	82	75	69	79	73	68	76	71	67	74	70	66	64
4	86	74	66	60	83	73	66	60	71	64	59	68	63	58	66	61	57	55
5	79	67	59	52	77	66	58	52	64	57	51	62	56	51	60	55	50	48
6	73	61	52	46	71	60	52	46	58	51	45	56	50	45	55	49	45	43
7	68	55	47	41	66	54	46	41	53	46	40	51	45	40	50	44	40	38
8	63	50	42	37	62	50	42	37	48	41	36	47	41	36	46	40	36	34
9	59	46	38	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	35	30	54	42	35	30	41	35	30	40	34	30	40	34	30	28

POLAR GRAPH



Maximum Candela = 1747.011 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)