



IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-100-PL-VHO-30.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] LDI LED 4 PL VHO SW S UE 0 100
[TESTLAB] Dekko
[TESTDATE] 03-16-2017
[ISSUEDATE] 06-19-2017
[MANUFAC] 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-VHO-30

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4419
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	62
Total Luminaire Watts	71.3
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	6448	5560	5289
55	6117	4803	3797
65	5373	3087	1739
75	3604	1275	819
85	2058	1514	1431

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-100-PL-VHO-30.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	1910.302	1910.302	1910.302	1910.302	1910.302	1910.302	1910.302	1910.302	1910.302	1910.302
10	1844.242	1838.670	1834.648	1832.132	1832.996	1835.339	1838.393	1835.811	1834.481	1826.595
20	1744.202	1736.790	1725.966	1710.951	1693.277	1677.642	1674.192	1675.407	1681.080	1675.397
30	1606.922	1597.899	1574.159	1537.556	1503.951	1478.193	1462.858	1458.719	1470.047	1469.320
40	1403.886	1388.949	1348.076	1302.634	1261.752	1225.543	1199.804	1189.430	1198.918	1205.309
50	1139.809	1113.810	1063.216	1015.147	970.848	928.809	896.151	874.542	873.971	881.419
60	817.886	791.624	737.998	684.570	625.576	549.002	466.136	390.174	346.125	333.599
70	448.986	417.195	345.091	258.372	167.472	113.665	94.369	83.477	78.120	76.555
80	71.445	66.570	55.950	48.395	44.388	42.688	42.791	42.208	41.811	41.734
90	28.621	29.079	29.308	29.702	30.117	30.086	31.198	31.553	29.482	27.836

IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-100-PL-VHO-30.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	679.61	N.A.	15.40
0-30	1422.93	N.A.	32.20
0-40	2296.87	N.A.	52.00
0-60	3858.05	N.A.	87.30
0-80	4376.32	N.A.	99.00
0-90	4419.36	N.A.	100.00
10-90	4240.59	N.A.	96.00
20-40	1617.26	N.A.	36.60
20-50	2484.93	N.A.	56.20
40-70	1946.51	N.A.	44.00
60-80	518.27	N.A.	11.70
70-80	132.94	N.A.	3.00
80-90	43.05	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	4419.36	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	178.77
10-20	500.84
20-30	743.33
30-40	873.94
40-50	867.67
50-60	693.51
60-70	385.33
70-80	132.94
80-90	43.05
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

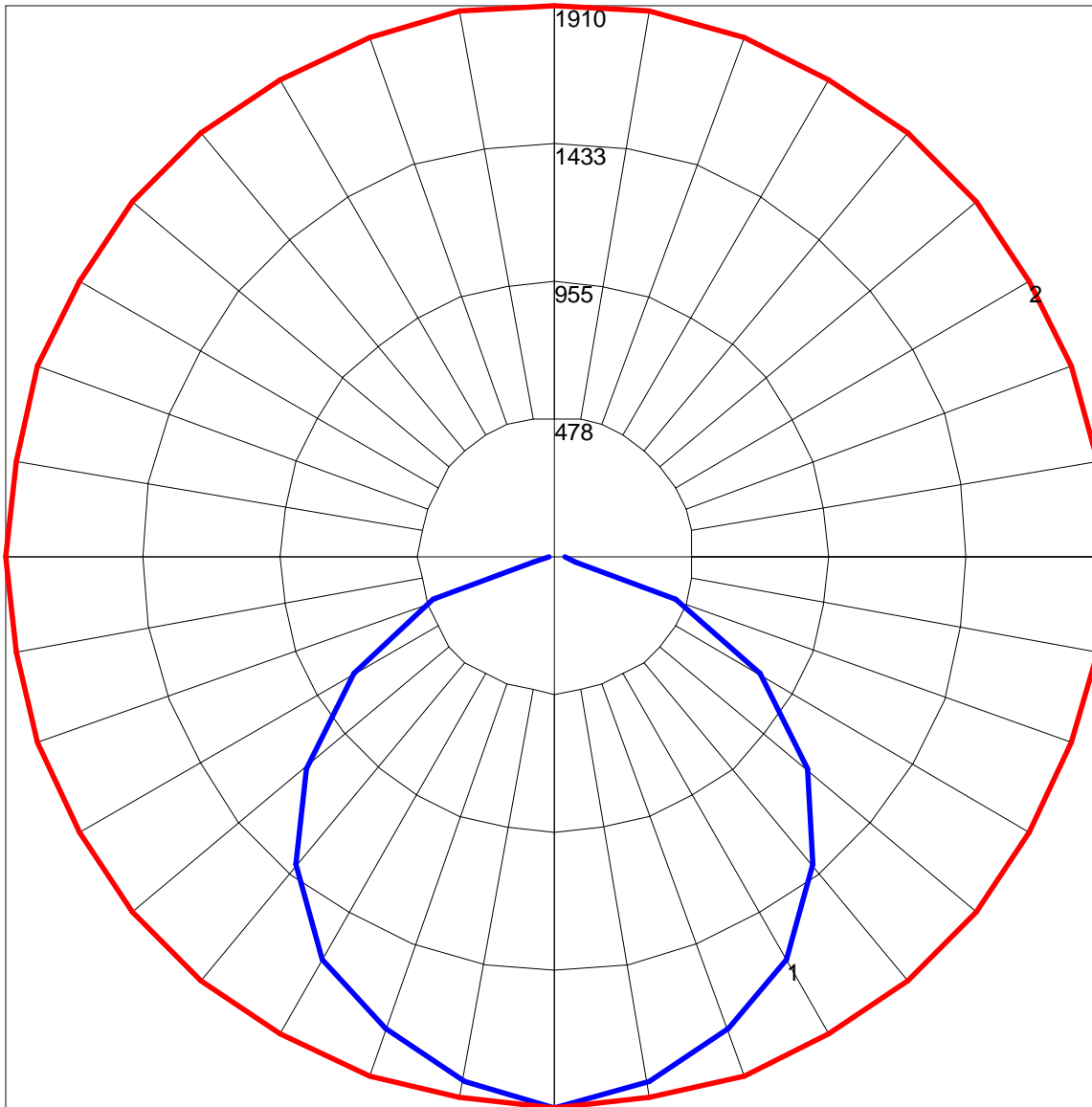
IES INDOOR REPORT
PHOTOMETRIC FILENAME : LDI-4-LED-100-PL-VHO-30.IES

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	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 = 1910.302 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.)