



Photometric Toolbox™

IES INDOOR REPORT

PHOTOMETRIC FILENAME : C7R05-12-6612-120E11-ST35S.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L081506506
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUEDATE] 8/28/2015
 [MANUFAC] TEMPO
 [LUMCAT] C7R05-12-6612-120E11-ST35S
 [LUMINAIRE] LED LINEAR LIGHTING, LEDIL OPTIC 11267, NICHIA 219,MODEL 4 DRIVER
 [MORE] SIZE: 3"L. X 12.5"W. X 3.25"H.
 [BALLASTCAT] PWR-T4-120V-08
 [LAMPPOSITION] 0,0
 [LAMPCAT] N/A
 [OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE AND
 [MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
 [INPUT] 120VAC, 11.27W, 0.10A, 0.98PF, 10% THD
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	894
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	79
Total Luminaire Watts	11.27
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.32
Spacing Criterion (90-270)	0.74
Spacing Criterion (Diagonal)	0.46
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.14 ft
Luminous Width (90-270)	0.98 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	7089	8597	22106
55	5643	6331	15966
65	4670	5230	18680
75	3355	3965	21656
85	906	1812	10869

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CANDELA TABULATION

	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0.0	1984	1984	1984	1984	1984	1984	1984	1984	1984	1984
1.0	1967	1966	1966	1967	1969	1968	1970	1971	1973	1975
3.0	1815	1816	1819	1824	1832	1840	1850	1862	1874	1887
5.0	1557	1559	1566	1578	1594	1615	1638	1666	1696	1726
7.0	1264	1267	1278	1294	1317	1348	1382	1423	1470	1519
9.0	991	1017	1032	1052	1085	1123	1169	1225	1286	1352
11.0	770	774	784	802	826	860	900	950	1010	1078
13.0	603	605	614	629	650	679	715	762	818	886
15.0	480	482	489	501	519	543	573	613	664	724
17.0	387	389	395	405	419	439	464	497	538	592
19.5	303	304	309	317	328	343	362	389	422	464
22.5	231	232	235	241	250	261	276	296	321	352
25.5	180	181	183	188	195	203	215	230	249	272
29.0	139	140	142	145	150	156	164	175	189	207
33.0	108	109	110	112	116	120	126	134	143	155
37.5	87	87	88	89	91	94	97	102	108	116
42.5	70	71	71	71	72	74	76	79	82	87
47.5	57	57	57	57	58	58	60	61	63	67
55.0	41	41	41	41	41	42	42	42	44	46
65.0	25	25	25	25	25	25	25	25	26	28
75.0	11	11	11	11	11	11	11	12	12	13
85.0	1	1	1	1	1	1	1	1	1	2
90.0	0	0	0	0	0	0	0	0	0	0

Vert. Angles **Horizontal Angles**

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>
0.0	1984	1984	1984	1984	1984	1984	1984	1984	1984
1.0	1977	1976	1979	1979	1981	1981	1982	1982	1983
3.0	1901	1912	1925	1936	1946	1953	1959	1963	1965
5.0	1759	1791	1822	1852	1876	1898	1913	1924	1927
7.0	1573	1627	1681	1733	1779	1817	1847	1865	1871
9.0	1428	1501	1573	1640	1705	1752	1784	1797	1799
11.0	1158	1244	1336	1431	1517	1596	1658	1698	1711
13.0	967	1058	1158	1266	1368	1464	1542	1592	1610
15.0	800	889	989	1103	1216	1329	1417	1477	1500
17.0	658	740	837	952	1070	1188	1291	1358	1383
19.5	519	588	676	780	897	1019	1128	1203	1232
22.5	394	449	519	609	716	833	942	1021	1051
25.5	304	345	399	473	564	670	773	849	878
29.0	229	258	298	353	423	509	600	668	694
33.0	171	191	218	255	304	366	435	490	512
37.5	127	140	157	180	212	252	298	337	352
42.5	94	102	113	127	147	172	199	223	233
47.5	71	77	84	95	108	124	142	157	163
55.0	49	53	59	66	76	88	100	111	116
65.0	30	34	39	46	55	67	81	94	100
75.0	15	17	21	26	33	43	55	66	71
85.0	2	2	3	4	6	7	9	11	12
90.0	0	0	0	0	0	1	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	377.89	N.A.	42.30
0-30	557.48	N.A.	62.40
0-40	667.17	N.A.	74.70
0-60	797.78	N.A.	89.30
0-80	878.24	N.A.	98.30
0-90	893.57	N.A.	100.00
10-90	766.93	N.A.	85.80
20-40	289.29	N.A.	32.40
20-50	374.20	N.A.	41.90
40-70	177.98	N.A.	19.90
60-80	80.46	N.A.	9.00
70-80	33.09	N.A.	3.70
80-90	15.33	N.A.	1.70
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	893.57	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	126.64
10-20	251.24
20-30	179.60
30-40	109.69
40-50	84.91
50-60	45.70
60-70	47.37
70-80	33.09
80-90	15.33
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

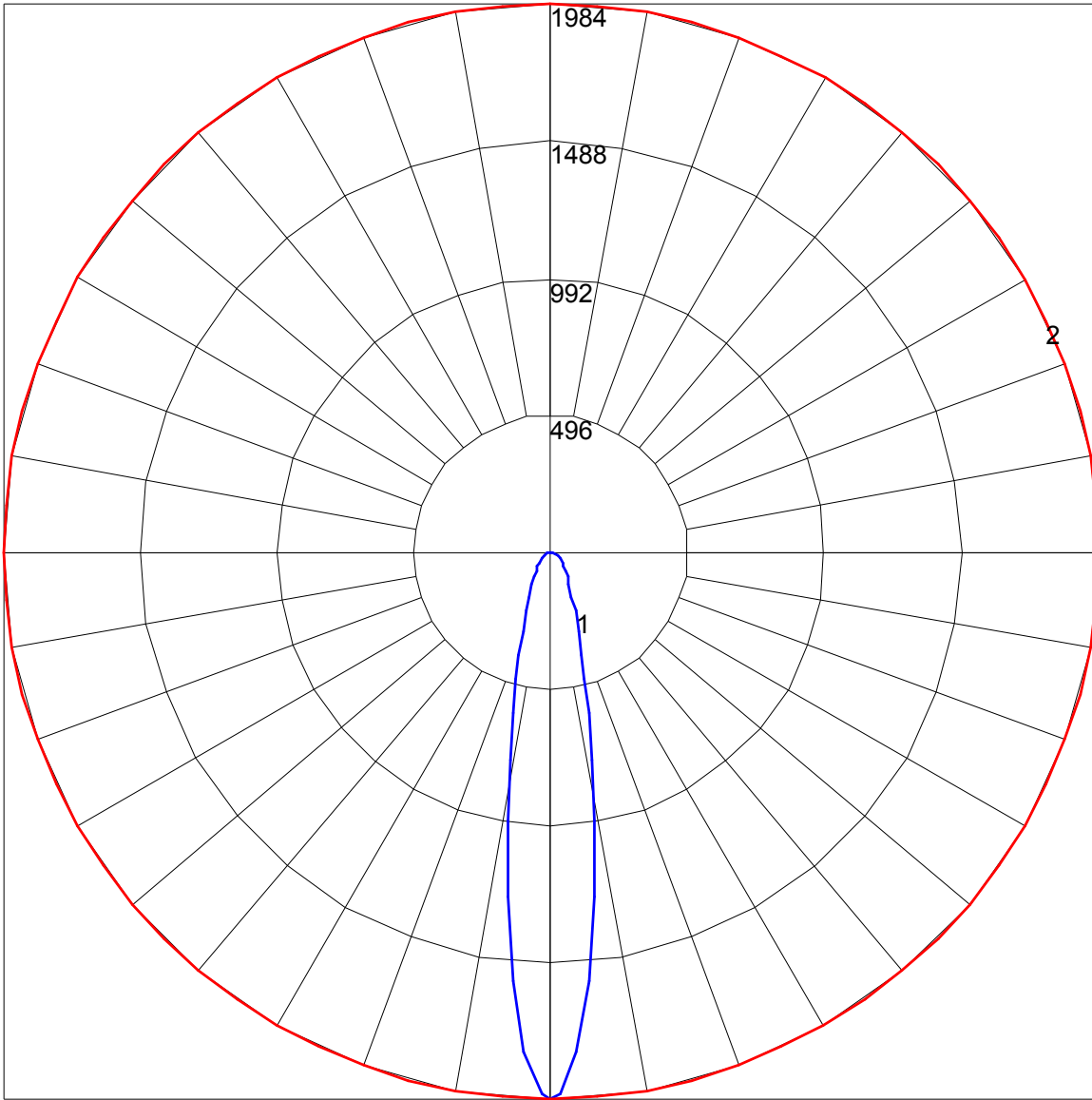
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	112	108	105	102	109	106	103	100	102	99	97	98	96	94	94	93	91	90
2	105	99	94	89	102	97	92	88	94	90	86	90	87	85	88	85	83	81
3	99	91	85	80	96	89	84	80	87	82	78	84	80	77	82	79	76	74
4	93	84	78	73	91	83	77	73	81	76	72	79	74	71	77	73	70	68
5	88	79	72	67	86	78	71	67	76	70	66	74	69	66	72	68	65	63
6	84	74	67	62	82	73	67	62	71	66	62	70	65	61	69	64	61	59
7	80	69	63	58	78	69	63	58	67	62	58	66	61	57	65	61	57	56
8	76	66	59	55	75	65	59	55	64	58	54	63	58	54	62	57	54	52
9	72	62	56	52	71	62	56	52	61	55	51	60	55	51	59	54	51	50
10	69	59	53	49	68	59	53	49	58	52	49	57	52	49	56	52	48	47

POLAR GRAPH



Maximum Candela = 1984 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.)