



IES INDOOR REPORT

PHOTOMETRIC FILENAME : C7R00-12-4112-120E11-ST35S.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L071505105
 [TESTLAB] LIGHT LABORATORY, INC.
 [ISSUEDATE] 7/31/2015
 [MANUFAC] TEMPO
 [LUMCAT] C7R00-12-4112-120E11-ST35S
 [LUMINAIRE] LED LINEAR LIGHTING, NICHIA 219, MODEL 4 DRIVER
 [MORE] SIZE: 3"L. X 13"W. X 3.25"H.
 [BALLASTCAT] MODEL M4 DRIVER 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, 10.48W, 0.09A, 0.98PF, 11% THD
 [TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1085
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	104
Total Luminaire Watts	10.48
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.62
Spacing Criterion (90-270)	0.64
Spacing Criterion (Diagonal)	0.70
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.15 ft
Luminous Width (90-270)	1.00 ft
Luminous Height	0.08 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10580	11633	14316
55	8656	9031	12788
65	7518	6856	11729
75	4168	5078	8746
85	2782	4695	7734

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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	1220	1220	1220	1220	1220	1220	1220	1220	1220	1220
1.0	1216	1215	1215	1215	1215	1215	1215	1215	1215	1215
3.0	1188	1188	1187	1188	1188	1187	1187	1187	1188	1187
5.0	1138	1137	1137	1137	1137	1137	1137	1138	1138	1138
7.0	1071	1072	1071	1070	1070	1069	1069	1070	1071	1072
9.0	999	998	997	996	994	993	992	992	992	994
11.0	923	923	921	919	916	914	913	912	912	914
13.0	848	847	845	842	839	836	834	833	833	835
15.0	775	774	772	768	765	761	759	758	758	759
17.0	703	702	700	696	693	690	687	685	684	685
19.5	615	615	613	610	607	604	602	600	599	599
22.5	518	518	517	515	513	511	509	508	506	505
25.5	432	433	432	432	431	430	429	428	426	424
29.0	345	345	347	348	349	350	350	349	348	346
33.0	267	268	269	272	274	277	279	279	279	277
37.5	208	209	210	212	214	217	219	220	220	219
42.5	172	172	172	173	175	176	177	178	178	178
47.5	148	148	149	149	149	150	151	151	151	151
55.0	122	121	121	122	120	118	118	117	117	117
65.0	95	95	95	94	92	87	83	80	78	78
75.0	45	46	46	46	46	47	47	48	48	48
85.0	24	25	25	26	28	30	31	33	34	34
90.0	17	17	18	19	21	22	23	24	24	24
95.0	9	9	9	9	9	10	10	10	10	10
105.0	2	2	2	2	2	2	2	2	2	2
115.0	1	1	1	1	1	1	1	1	1	1
125.0	0	0	0	0	0	0	0	0	0	0
135.0	0	0	0	0	0	0	0	0	0	0
145.0	0	0	0	0	0	0	0	0	0	0
155.0	0	0	0	0	0	0	0	0	0	0
165.0	0	0	0	0	0	0	0	0	0	0
175.0	0	0	0	0	0	0	0	0	0	0
180.0	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	1220	1220	1220	1220	1220	1220	1220	1220	1220
1.0	1215	1215	1215	1215	1215	1216	1215	1215	1215
3.0	1187	1188	1188	1188	1189	1188	1189	1189	1189
5.0	1139	1140	1141	1142	1142	1143	1143	1143	1144
7.0	1073	1075	1077	1079	1080	1082	1083	1084	1083
9.0	996	999	1003	1006	1009	1011	1013	1014	1015
11.0	917	920	924	928	932	936	939	941	941
13.0	837	840	845	850	854	859	863	865	866
15.0	761	764	768	773	779	783	787	789	790
17.0	688	691	695	699	704	709	713	715	716
19.5	601	604	608	612	616	621	624	627	628
22.5	506	508	511	514	518	521	524	526	527
25.5	423	424	425	427	430	432	434	435	435
29.0	344	343	343	344	344	345	345	345	344
33.0	275	273	272	270	269	267	266	264	263
37.5	218	215	212	210	208	206	205	203	202
42.5	177	175	173	170	169	168	168	167	166

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CANDELA TABULATION - (Cont.)

47.5	150	149	147	145	143	141	140	140	139
55.0	116	115	114	112	112	112	113	114	114
65.0	78	78	78	80	81	81	81	81	81
75.0	47	47	47	46	44	43	42	41	41
85.0	33	32	31	28	25	22	21	20	18
90.0	23	22	21	19	16	14	13	12	10
95.0	9	9	8	7	6	6	5	6	8
105.0	2	2	2	2	1	1	2	3	4
115.0	1	1	1	1	1	1	1	1	1
125.0	0	0	0	0	0	0	0	0	0
135.0	0	0	0	0	0	0	0	0	0
145.0	0	0	0	0	0	0	0	0	0
155.0	0	0	0	0	0	0	0	0	0
165.0	0	0	0	0	0	0	0	0	0
175.0	0	0	0	0	0	0	0	0	0
180.0	0	0	0	0	0	0	0	0	0

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	305.44	N.A.	28.10
0-30	502.95	N.A.	46.30
0-40	641.69	N.A.	59.10
0-60	856.10	N.A.	78.90
0-80	1017.69	N.A.	93.80
0-90	1070.12	N.A.	98.60
10-90	984.91	N.A.	90.80
20-40	336.25	N.A.	31.00
20-50	466.18	N.A.	43.00
40-70	309.39	N.A.	28.50
60-80	161.59	N.A.	14.90
70-80	66.61	N.A.	6.10
80-90	52.42	N.A.	4.80
90-110	13.13	N.A.	1.20
90-120	14.68	N.A.	1.40
90-130	15.15	N.A.	1.40
90-150	15.15	N.A.	1.40
90-180	15.15	N.A.	1.40
110-180	2.02	N.A.	0.20
0-180	1085.27	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	85.21
10-20	220.23
20-30	197.50
30-40	138.74
40-50	129.93
50-60	84.47
60-70	94.98
70-80	66.61
80-90	52.42
90-100	7.54
100-110	5.59
110-120	1.54
120-130	0.47
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

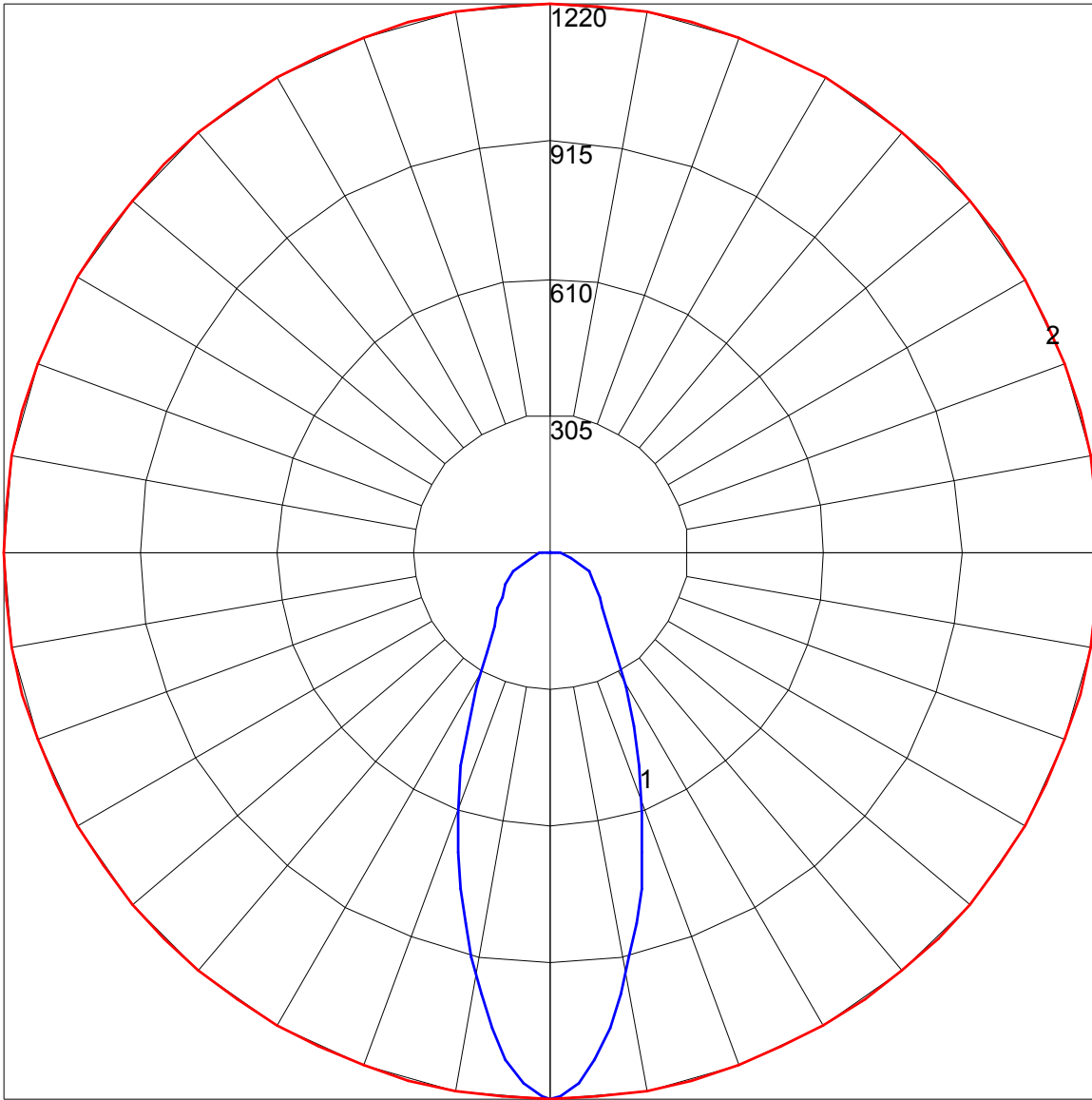
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	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	110	110	110	105	105	105	101	101	101	99
1	109	104	100	96	106	102	98	94	97	94	91	93	90	88	89	87	85	83
2	100	93	86	81	98	91	85	80	87	82	78	84	80	76	80	77	74	72
3	93	84	76	70	91	82	75	70	79	73	68	76	71	67	73	69	66	64
4	87	76	68	62	84	75	67	62	72	66	61	70	64	60	67	63	59	57
5	81	70	62	56	79	69	61	56	66	60	55	64	59	54	63	58	54	52
6	76	64	57	51	74	63	56	51	62	55	50	60	54	50	58	53	49	47
7	72	60	52	47	70	59	52	47	57	51	46	56	50	46	55	49	45	44
8	68	56	48	43	66	55	48	43	54	47	43	52	47	42	51	46	42	40
9	64	52	45	40	63	52	45	40	51	44	40	49	44	40	48	43	39	38
10	61	49	42	38	60	49	42	37	48	41	37	47	41	37	46	41	37	35

POLAR GRAPH



Maximum Candela = 1220 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.)