



**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : C7R00-12-4012-120E11-ST35S.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] L071505104  
 [TESTLAB] LIGHT LABORATORY, INC.  
 [ISSUEDATE] 7/31/2015  
 [MANUFAC] TEMPO  
 [LUMCAT] C7R00-12-4012-120E11-ST35S  
 [LUMINAIRE] LED LINEAR LIGHTING, NICHIA 219, MODEL 4 DRIVER  
 [MORE] SIZE: 3"L. X 13"W. X 2.25"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, 11.07W, 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	641
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	58
Total Luminaire Watts	11.07
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.34
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.28
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.10 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	28272	23450	21636
55	2279	2443	2196
65	2093	2682	2581
75	437	564	763
85	214	214	214

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : C7R00-12-4012-120E11-ST35S.IES**

**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>
<b>0</b>	371.90	371.90	371.90	371.90	371.90	371.90	371.90	371.90	371.90	371.90
<b>5</b>	370.95	370.91	370.78	370.78	370.78	370.86	370.78	370.74	370.95	370.82
<b>10</b>	367.86	367.74	367.91	367.74	367.74	367.82	367.86	367.95	368.04	367.95
<b>15</b>	362.55	362.59	362.64	362.72	362.68	362.68	362.68	362.77	362.72	362.72
<b>20</b>	355.01	355.23	355.14	355.27	355.35	355.27	355.40	355.31	355.31	355.53
<b>25</b>	345.93	345.80	345.80	345.71	345.97	346.06	346.19	346.19	346.27	346.19
<b>30</b>	334.10	334.19	334.23	334.23	334.40	334.40	334.62	334.70	334.87	334.96
<b>35</b>	319.88	319.45	318.34	317.05	315.68	314.82	314.61	315.29	316.45	317.86
<b>40</b>	282.69	279.43	271.68	262.30	253.98	248.84	247.21	249.44	255.10	263.71
<b>45</b>	182.18	176.73	164.57	149.61	137.40	130.29	128.49	131.06	139.16	151.11
<b>50</b>	59.30	57.63	51.71	44.52	38.30	35.52	35.09	36.98	41.22	48.46
<b>55</b>	11.91	11.78	11.95	12.21	12.47	12.64	12.68	12.68	12.73	12.77
<b>60</b>	10.20	10.37	11.31	12.34	12.98	13.11	13.11	13.07	12.81	11.95
<b>65</b>	8.06	8.31	9.77	11.01	11.44	11.48	11.48	11.44	11.05	10.33
<b>70</b>	2.57	3.09	4.46	6.08	7.37	7.76	7.80	7.84	7.33	5.78
<b>75</b>	1.03	1.07	1.20	1.46	1.71	1.84	1.84	1.71	1.59	1.33
<b>80</b>	0.51	0.51	0.51	0.51	0.64	0.69	0.64	0.56	0.56	0.56
<b>85</b>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
<b>90</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**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>
<b>0</b>	371.90	371.90	371.90	371.90	371.90	371.90	371.90	371.90	371.90
<b>5</b>	370.82	370.86	370.95	370.82	370.95	370.82	370.86	371.03	371.03
<b>10</b>	367.86	367.86	368.04	367.78	367.56	367.86	367.78	368.12	368.04
<b>15</b>	362.81	362.68	362.77	362.77	362.59	362.89	362.72	362.85	362.72
<b>20</b>	355.31	355.31	355.44	355.18	355.48	355.44	355.53	355.31	355.27
<b>25</b>	346.23	346.23	346.27	346.23	346.14	346.06	346.06	346.01	345.76
<b>30</b>	334.79	335.00	334.83	334.66	334.62	334.45	334.23	334.06	334.02
<b>35</b>	319.36	320.35	320.61	320.56	319.19	317.18	314.91	313.32	312.94
<b>40</b>	274.38	282.48	284.87	281.02	273.78	265.21	257.63	252.74	250.81
<b>45</b>	166.49	179.86	187.23	185.13	175.53	161.35	149.70	141.94	139.42
<b>50</b>	58.74	68.12	70.99	66.75	59.30	51.20	44.47	40.19	38.65
<b>55</b>	13.67	15.17	15.90	13.58	12.94	12.81	12.30	11.74	11.48
<b>60</b>	10.58	9.51	9.73	10.33	11.48	12.34	12.30	11.78	11.65
<b>65</b>	8.96	7.46	7.28	7.93	9.30	10.33	10.37	9.98	9.94
<b>70</b>	4.11	2.83	2.44	2.74	3.81	5.44	6.38	6.56	6.43
<b>75</b>	1.07	0.94	0.90	0.94	1.11	1.37	1.63	1.76	1.80
<b>80</b>	0.47	0.47	0.39	0.39	0.51	0.51	0.60	0.69	0.69
<b>85</b>	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17	0.17
<b>90</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : C7R00-12-4012-120E11-ST35S.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	137.82	N.A.	21.50
0-30	297.51	N.A.	46.40
0-40	490.66	N.A.	76.50
0-60	629.72	N.A.	98.20
0-80	641.07	N.A.	100.00
0-90	641.31	N.A.	100.00
10-90	606.00	N.A.	94.50
20-40	352.84	N.A.	55.00
20-50	472.58	N.A.	73.70
40-70	148.13	N.A.	23.10
60-80	11.35	N.A.	1.80
70-80	2.28	N.A.	0.40
80-90	0.24	N.A.	0.00
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	641.31	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	35.31
10-20	102.51
20-30	159.69
30-40	193.14
40-50	119.74
50-60	19.32
60-70	9.07
70-80	2.28
80-90	0.24
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

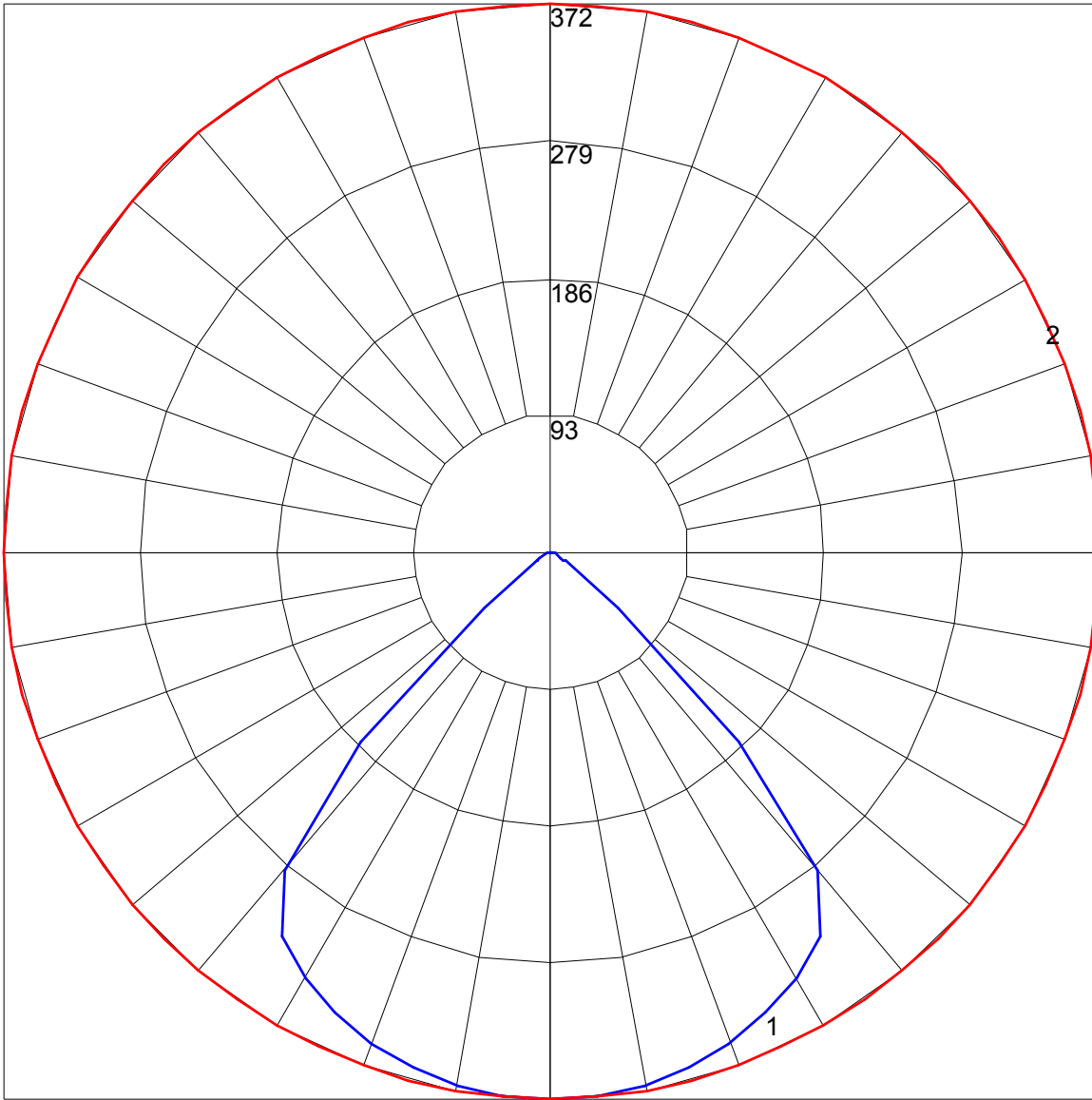
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : C7R00-12-4012-120E11-ST35S.IES**

**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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	113	109	106	104	110	107	105	102	103	101	99	99	98	96	96	94	93	91
2	106	100	95	91	103	98	94	90	95	91	88	92	89	86	89	86	84	83
3	99	91	85	81	97	90	84	80	87	82	79	85	81	77	82	79	76	74
4	93	84	77	72	91	82	76	71	80	75	71	78	73	70	76	72	69	67
5	87	77	70	65	85	76	69	64	74	68	64	72	67	63	70	66	62	61
6	81	70	63	58	79	70	63	58	68	62	58	66	61	57	65	60	57	55
7	76	65	58	53	74	64	57	53	63	57	52	62	56	52	60	55	52	50
8	71	60	53	48	70	59	53	48	58	52	48	57	52	48	56	51	47	46
9	67	56	49	44	66	55	48	44	54	48	44	53	48	44	52	47	43	42
10	63	52	45	40	62	51	45	40	50	44	40	50	44	40	49	44	40	38

POLAR GRAPH



Maximum Candela = 371.9 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.)