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IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] HTL200704001
[TESTLAB] HOPESTAR TEST LAB
[ISSUE DATE] 2021/1/15 11:29
[MANUFAC] ATG ELECTRONICS
[LUMCAT] SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC
[LUMINAIRE] 16.45"W. X 7.24"H. x 2.04"D LED EMERGENCY FIXTURE
[MORE] LED MODULES WITH FLOOD OPTICS
[TESTTEMPERATURE] 25.1 °C
[LAMPPOSITION] 0,0
[LAMPCAT] N/A
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE LUMENS
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[INPUT] 4.1 V, 0.719 A, 2.95W
[TEST PROCEDURE] IESNA:LM-63-1995

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	173
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	59
Total Luminaire Watts	2.95
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.58
Spacing Criterion (90-270)	0.40
Spacing Criterion (Diagonal)	0.48
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.60 m
Luminous Width (90-270)	0.60 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	18	17	18
55	16	16	16
65	16	14	13
75	10	9	10
85	0	0	0

IES INDOOR REPORT

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CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	582.58	582.58	582.58	582.58	582.58	582.58	582.58	582.58	582.58	582.58
1	578.43	574.07	571.22	567.82	568.70	571.36	576.59	583.04	587.53	591.23
2	570.81	560.16	551.95	549.61	549.24	556.17	565.25	579.02	593.29	600.59
3	559.26	540.63	526.73	524.93	528.17	533.85	545.77	568.02	592.87	608.97
4	547.57	525.26	508.95	502.43	501.32	507.93	520.49	545.77	578.29	604.30
5	535.05	510.46	491.42	479.82	476.97	483.47	493.50	518.92	551.71	582.85
6	525.54	495.88	474.46	458.38	451.60	456.65	471.61	495.97	527.75	555.16
7	518.51	482.17	456.03	441.21	426.05	433.08	447.20	471.52	507.21	531.72
8	512.83	465.92	435.06	418.52	397.69	406.02	420.85	449.44	492.43	511.53
9	503.34	446.75	409.88	388.99	370.27	371.12	389.77	424.06	472.81	489.26
10	488.58	423.27	381.76	359.59	336.37	334.95	357.23	389.95	443.20	466.76
11	467.03	398.54	356.74	324.23	299.30	297.63	320.04	360.66	407.92	430.92
12	438.05	374.88	328.97	288.46	259.26	257.53	283.51	329.18	363.70	384.45
13	407.38	347.67	292.31	255.38	216.85	223.82	248.54	290.41	323.28	345.95
14	376.55	318.85	262.92	225.65	183.50	190.86	211.49	245.81	284.82	310.42
15	344.62	293.26	231.63	192.60	157.17	160.94	179.86	210.43	247.08	272.39
16	317.33	265.23	205.63	164.36	133.18	138.08	154.09	181.30	211.09	239.55
17	287.25	233.11	181.81	140.68	115.64	115.08	132.13	159.34	182.92	205.00
18	252.82	206.58	157.21	118.14	99.25	99.11	115.46	136.73	156.93	176.58
19	220.49	180.87	132.78	101.49	81.43	87.62	102.91	118.07	141.01	153.32
20	196.68	159.41	113.63	86.61	69.87	77.23	92.16	107.79	127.64	138.68
21	170.98	137.70	96.63	73.33	61.24	66.67	82.75	99.30	114.67	125.16
22	144.44	113.86	83.32	60.52	53.20	58.54	72.29	90.44	105.20	114.47
23	119.36	94.71	71.60	51.32	47.07	50.63	61.85	81.57	96.19	104.74
24	98.87	82.43	61.27	44.83	41.67	44.43	53.81	71.93	86.83	94.96
25	83.93	71.52	50.34	39.54	36.69	38.90	46.52	61.87	76.77	85.43
26	74.55	62.36	42.90	34.88	32.19	33.52	39.69	53.23	66.90	75.11
27	67.16	53.72	37.01	30.48	28.00	29.28	34.17	45.54	56.96	64.71
28	59.22	44.95	31.77	26.53	23.54	25.17	29.34	38.29	48.26	55.24
29	52.74	38.96	27.66	22.84	19.72	20.83	24.87	32.40	41.24	46.60
30	46.02	34.33	23.65	19.75	16.26	17.18	21.34	28.06	35.63	40.02
31	39.67	30.07	20.43	16.76	12.71	14.67	18.90	24.07	31.20	34.70
32	34.95	26.59	17.96	13.98	9.73	12.26	16.50	20.80	27.25	30.24
33	30.92	23.12	15.77	11.21	8.01	10.34	14.50	18.19	22.91	25.99
34	27.32	19.76	13.69	9.47	6.76	8.54	12.64	15.22	19.17	22.42
35	23.68	16.22	11.54	7.95	6.39	6.65	10.74	12.74	15.62	18.86
36	20.52	13.31	9.70	6.52	6.13	5.90	9.17	10.44	11.95	15.77
37	17.14	10.48	7.98	5.90	5.92	5.66	7.64	8.30	8.76	12.88
38	13.84	7.47	6.42	5.65	5.68	5.41	6.14	6.55	5.96	10.31
39	11.10	5.95	5.62	5.39	5.48	5.21	5.22	5.43	5.35	7.90
40	8.53	5.58	5.34	5.19	5.33	5.03	5.00	5.09	5.09	6.09
41	6.05	5.30	5.13	5.04	5.14	4.81	4.77	4.84	4.82	4.93
42	5.30	5.07	4.90	4.84	4.97	4.68	4.59	4.64	4.61	4.64
43	5.03	4.88	4.78	4.66	4.84	4.47	4.47	4.50	4.40	4.42
44	4.77	4.70	4.58	4.50	4.68	4.34	4.31	4.37	4.27	4.25
45	4.60	4.52	4.41	4.39	4.53	4.17	4.16	4.26	4.09	4.09
46	4.44	4.33	4.28	4.23	4.40	4.10	4.08	4.16	3.96	3.98
47	4.24	4.23	4.14	4.11	4.25	4.03	4.07	3.99	3.84	3.84
48	4.18	4.18	4.12	3.93	4.17	4.03	4.06	3.96	3.84	3.75
49	4.18	4.09	3.94	3.81	4.26	4.00	4.04	3.99	3.74	3.72
50	4.07	3.91	3.77	3.83	4.02	3.84	3.91	3.87	3.61	3.61
51	3.84	3.78	3.62	3.83	3.86	3.62	3.73	3.89	3.49	3.50
52	3.70	3.89	3.51	3.69	3.72	3.46	3.52	3.73	3.40	3.34
53	3.77	3.82	3.39	3.43	3.59	3.33	3.39	3.62	3.46	3.25

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CANDELA TABULATION - (Cont.)

54	3.58	3.55	3.39	3.26	3.47	3.16	3.25	3.45	3.40	3.20
55	3.40	3.38	3.34	3.13	3.34	3.06	3.12	3.28	3.19	3.20
56	3.24	3.25	3.18	3.01	3.20	2.98	2.99	3.16	3.07	3.16
57	3.16	3.13	3.05	2.88	3.04	2.87	2.88	2.99	2.95	3.04
58	3.06	2.97	2.90	2.74	2.94	2.75	2.75	2.89	2.81	2.91
59	2.95	2.89	2.83	2.67	2.88	2.64	2.68	2.75	2.69	2.87
60	2.89	2.76	2.68	2.54	2.75	2.63	2.51	2.64	2.58	2.67
61	2.78	2.67	2.58	2.46	2.71	2.47	2.40	2.54	2.44	2.56
62	2.64	2.53	2.46	2.33	2.67	2.24	2.36	2.46	2.32	2.45
63	2.54	2.39	2.36	2.33	2.34	2.07	2.13	2.27	2.25	2.38
64	2.52	2.39	2.33	2.15	2.17	1.90	1.99	2.20	2.13	2.26
65	2.39	2.13	2.16	1.95	2.04	1.79	1.87	2.10	2.00	2.20
66	2.20	2.04	1.87	1.78	1.93	1.68	1.78	1.96	1.94	2.12
67	2.15	1.94	1.71	1.64	1.80	1.55	1.66	1.84	1.86	2.02
68	2.08	1.63	1.64	1.57	1.72	1.47	1.55	1.68	1.74	1.91
69	1.67	1.49	1.50	1.40	1.58	1.32	1.38	1.53	1.69	1.74
70	1.57	1.40	1.38	1.29	1.48	1.23	1.23	1.42	1.56	1.60
71	1.40	1.33	1.31	1.16	1.38	1.09	1.11	1.23	1.42	1.42
72	1.33	1.18	1.16	1.06	1.27	1.01	0.96	1.06	1.26	1.28
73	1.22	1.09	1.02	0.93	1.12	0.89	0.88	0.92	1.11	1.19
74	1.09	0.98	0.95	0.82	1.01	0.78	0.65	0.82	0.96	1.01
75	0.95	0.84	0.85	0.70	0.94	0.62	0.54	0.68	0.79	0.82
76	0.86	0.72	0.69	0.61	0.81	0.48	0.40	0.51	0.61	0.69
77	0.74	0.58	0.60	0.47	0.65	0.37	0.00	0.35	0.50	0.55
78	0.69	0.50	0.48	0.37	0.57	0.00	0.00	0.00	0.30	0.44
79	0.54	0.38	0.34	0.00	0.43	0.00	0.00	0.00	0.00	0.00
80	0.44	0.28	0.00	0.00	0.28	0.00	0.00	0.00	0.00	0.00
81	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
84	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
86	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
87	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
88	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
89	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC.IES

CANDELA TABULATION - (Cont.)

110	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC.IES

CANDELA TABULATION - (Cont.)

166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	582.58	582.58	582.58	582.58	582.58	582.58	582.58
1	592.16	591.01	593.77	590.43	586.72	582.85	578.43
2	600.05	597.92	599.61	595.31	589.83	581.94	570.81
3	606.84	599.25	600.98	596.13	590.91	579.19	559.26
4	607.98	594.60	597.59	593.21	588.90	574.62	547.57
5	596.67	585.11	590.09	585.97	583.03	565.68	535.05
6	568.82	567.07	576.77	573.96	580.01	559.94	525.54
7	536.61	541.29	560.42	557.47	575.31	551.40	518.51
8	504.63	511.56	536.81	539.60	563.81	544.84	512.83
9	471.65	476.24	506.48	522.93	545.06	533.02	503.34
10	442.65	441.69	469.45	506.04	518.84	516.71	488.58
11	414.08	412.08	435.86	479.36	490.18	495.19	467.03
12	376.24	379.25	402.48	448.64	458.73	471.02	438.05
13	343.08	343.04	371.07	406.39	429.54	440.35	407.38
14	310.30	302.18	337.06	360.58	398.83	405.89	376.55
15	273.29	270.42	296.57	320.52	362.64	378.10	344.62
16	238.61	242.57	260.49	282.00	321.80	345.51	317.33
17	210.42	212.06	225.64	243.40	282.79	303.35	287.25
18	183.11	186.15	195.38	208.76	237.97	259.85	252.82
19	162.31	163.58	169.57	176.70	199.81	229.75	220.49
20	142.97	144.23	149.88	155.32	169.86	201.66	196.68
21	127.99	128.70	130.99	139.21	148.69	172.19	170.98
22	117.31	113.36	115.79	122.73	132.78	147.20	144.44
23	105.55	101.48	103.46	108.06	120.28	122.61	119.36
24	95.41	91.05	91.86	95.21	107.07	104.00	98.87
25	84.41	79.17	80.43	84.03	94.64	92.64	83.93
26	73.65	69.67	70.38	73.46	83.63	83.02	74.55
27	63.02	61.48	60.98	65.15	72.93	72.13	67.16
28	53.98	53.12	53.53	57.83	64.20	63.29	59.22
29	44.76	46.38	46.88	50.39	56.33	55.54	52.74
30	37.70	40.44	40.89	44.36	48.68	48.73	46.02
31	32.55	34.29	35.98	39.14	42.52	43.05	39.67
32	28.08	29.49	31.75	34.70	36.99	38.01	34.95
33	24.74	25.33	27.93	30.49	31.64	33.05	30.92
34	21.72	21.02	24.17	27.03	27.72	29.29	27.32
35	19.00	17.99	20.72	23.86	24.82	25.86	23.68
36	16.75	15.16	17.59	20.67	22.08	22.81	20.52

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC.IES

CANDELA TABULATION - (Cont.)

37	14.77	12.65	14.38	17.49	19.97	19.93	17.14
38	12.81	10.72	11.66	13.99	17.85	17.65	13.84
39	11.11	9.11	9.19	11.56	15.39	15.61	11.10
40	9.48	7.48	6.71	9.42	13.15	13.35	8.53
41	7.93	6.14	5.48	7.48	11.01	11.43	6.05
42	6.66	4.96	5.16	5.45	8.97	9.70	5.30
43	5.28	4.57	4.94	4.88	7.02	7.99	5.03
44	4.38	4.36	4.73	4.64	5.53	6.27	4.77
45	4.20	4.19	4.53	4.45	4.59	4.85	4.60
46	4.08	4.06	4.36	4.27	4.28	4.43	4.44
47	3.91	3.90	4.25	4.08	4.16	4.26	4.24
48	3.78	3.78	4.12	3.97	4.10	4.26	4.18
49	3.70	3.64	3.99	3.84	4.17	4.23	4.18
50	3.76	3.52	3.90	3.77	4.18	4.10	4.07
51	3.56	3.54	3.90	3.74	4.06	3.83	3.84
52	3.46	3.43	3.89	3.93	3.89	3.73	3.70
53	3.36	3.35	3.78	4.06	3.73	3.62	3.77
54	3.35	3.25	3.69	4.01	3.80	3.53	3.58
55	3.29	3.13	3.64	3.84	3.82	3.48	3.40
56	3.21	3.08	3.54	3.66	3.70	3.46	3.24
57	3.08	2.98	3.41	3.46	3.50	3.32	3.16
58	2.97	2.88	3.30	3.31	3.36	3.12	3.06
59	2.87	2.81	3.12	3.16	3.16	3.05	2.95
60	2.75	2.67	2.98	3.01	3.09	2.95	2.89
61	2.66	2.58	2.91	2.91	2.98	2.87	2.78
62	2.56	2.44	2.81	2.81	2.88	2.77	2.64
63	2.49	2.29	2.75	2.67	2.78	2.63	2.54
64	2.41	2.24	2.63	2.54	2.64	2.61	2.52
65	2.43	2.17	2.50	2.50	2.61	2.58	2.39
66	2.27	2.07	2.47	2.38	2.61	2.37	2.20
67	2.08	1.95	2.38	2.23	2.36	2.23	2.15
68	1.95	1.83	2.21	2.09	2.21	2.14	2.08
69	1.77	1.75	2.09	2.03	2.10	2.04	1.67
70	1.65	1.67	1.96	1.90	1.97	1.90	1.57
71	1.53	1.58	1.85	1.76	1.79	1.78	1.40
72	1.37	1.40	1.72	1.66	1.63	1.66	1.33
73	1.26	1.33	1.61	1.53	1.51	1.52	1.22
74	1.10	1.17	1.49	1.37	1.35	1.36	1.09
75	0.97	1.00	1.36	1.22	1.22	1.22	0.95
76	0.79	0.85	1.21	1.12	1.08	1.09	0.86
77	0.69	0.70	1.08	0.95	0.92	0.94	0.74
78	0.50	0.57	0.92	0.82	0.77	0.79	0.69
79	0.35	0.41	0.75	0.65	0.65	0.62	0.54
80	0.00	0.00	0.61	0.51	0.51	0.52	0.44
81	0.00	0.00	0.47	0.37	0.34	0.37	0.31
82	0.00	0.00	0.37	0.00	0.00	0.00	0.00
83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
84	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00
86	0.00	0.00	0.00	0.00	0.00	0.00	0.00
87	0.00	0.00	0.00	0.00	0.00	0.00	0.00
88	0.00	0.00	0.00	0.00	0.00	0.00	0.00
89	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
91	0.00	0.00	0.00	0.00	0.00	0.00	0.00
92	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC.IES

CANDELA TABULATION - (Cont.)

93	0.00	0.00	0.00	0.00	0.00	0.00	0.00
94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	0.00	0.00	0.00	0.00	0.00	0.00	0.00
96	0.00	0.00	0.00	0.00	0.00	0.00	0.00
97	0.00	0.00	0.00	0.00	0.00	0.00	0.00
98	0.00	0.00	0.00	0.00	0.00	0.00	0.00
99	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100	0.00	0.00	0.00	0.00	0.00	0.00	0.00
101	0.00	0.00	0.00	0.00	0.00	0.00	0.00
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00
103	0.00	0.00	0.00	0.00	0.00	0.00	0.00
104	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00
106	0.00	0.00	0.00	0.00	0.00	0.00	0.00
107	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00
109	0.00	0.00	0.00	0.00	0.00	0.00	0.00
110	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
112	0.00	0.00	0.00	0.00	0.00	0.00	0.00
113	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
115	0.00	0.00	0.00	0.00	0.00	0.00	0.00
116	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00
122	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC.IES****CANDELA TABULATION - (Cont.)**

149	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT**PHOTOMETRIC FILENAME : SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	119.67	N.A.	69.10
0-30	152.54	N.A.	88.10
0-40	163.35	N.A.	94.40
0-60	169.99	N.A.	98.20
0-80	173.10	N.A.	100.00
0-90	173.13	N.A.	100.00
10-90	125.07	N.A.	72.20
20-40	43.67	N.A.	25.20
20-50	47.34	N.A.	27.30
40-70	8.81	N.A.	5.10
60-80	3.12	N.A.	1.80
70-80	0.95	N.A.	0.50
80-90	0.03	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	173.13	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	48.06
10-20	71.61
20-30	32.87
30-40	10.81
40-50	3.67
50-60	2.97
60-70	2.17
70-80	0.95
80-90	0.03
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 : SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

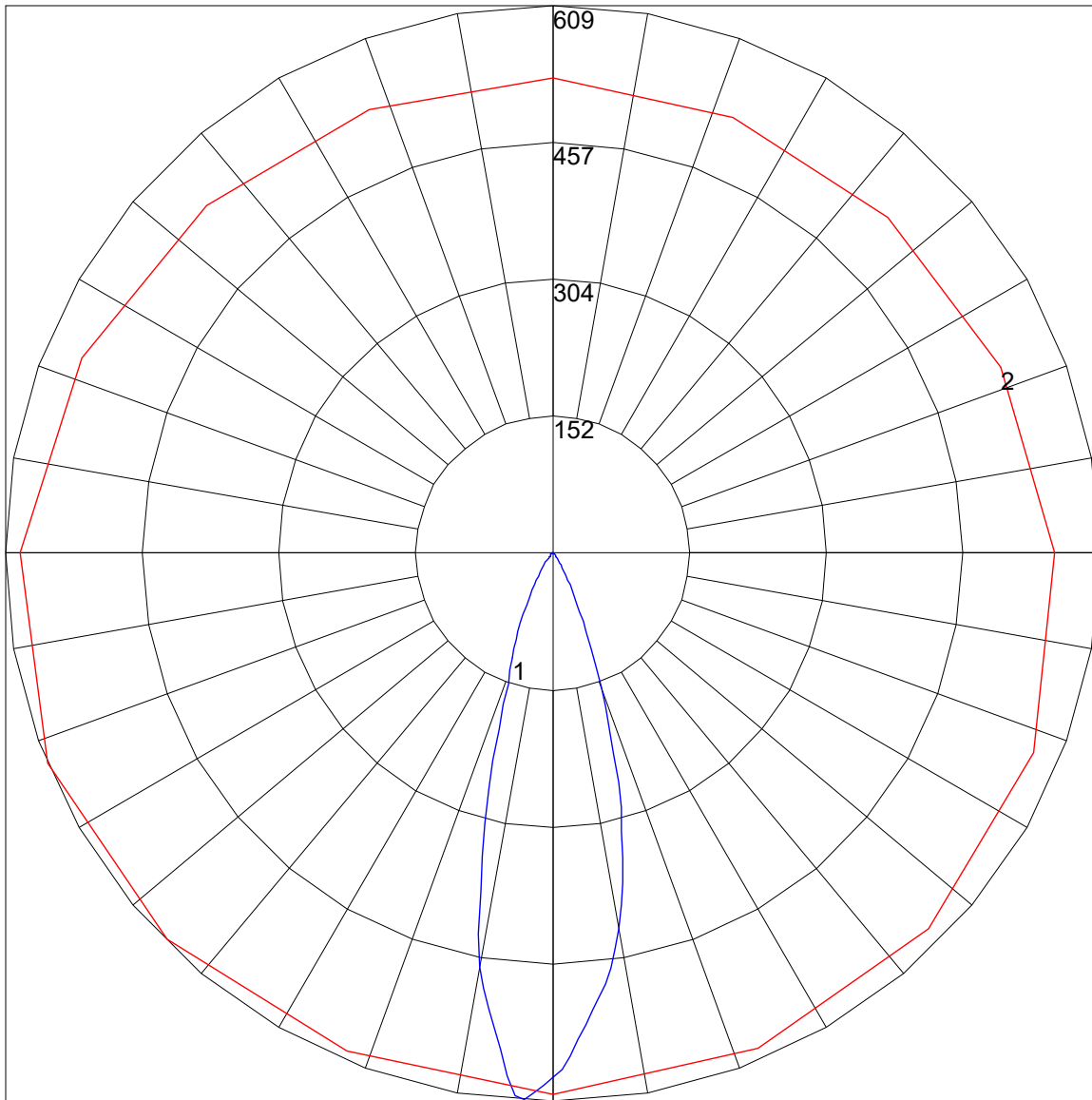
Effective Floor Cavity Reflectance 0.20

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	114	112	110	108	112	110	108	106	106	104	103	102	101	100	99	98	97	95
2	110	106	102	100	108	104	101	98	101	98	96	98	96	94	95	94	92	91
3	106	100	96	93	104	99	95	92	97	93	91	94	92	89	92	90	88	87
4	102	96	91	88	100	95	90	87	93	89	86	91	88	85	89	86	84	83
5	98	91	87	83	97	91	86	83	89	85	82	87	84	81	86	83	81	80
6	95	88	83	79	93	87	82	79	86	82	79	84	81	78	83	80	78	76
7	92	84	79	76	90	84	79	76	82	78	76	81	78	75	80	77	75	74
8	89	81	76	73	88	81	76	73	80	76	73	79	75	72	78	75	72	71
9	86	78	74	70	85	78	73	70	77	73	70	76	73	70	75	72	70	69
10	83	76	71	68	82	75	71	68	75	71	68	74	70	68	73	70	67	66

IES INDOOR REPORT

PHOTOMETRIC FILENAME : SLIM EMERGENCY EXIT SIGN COMBO ESC02-R1-WH-RC.IES

POLAR GRAPH



Maximum Candela = 608.97 Located At Horizontal Angle = 202.5, Vertical Angle = 3

1 - Vertical Plane Through Horizontal Angles (202.5 - 22.5) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)