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IES INDOOR REPORT

PHOTOMETRIC FILENAME : COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-R1-WH-RC.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] HTL200704001
[TESTLAB] HOPESTAR TEST LAB
[ISSUE DATE] 2021/1/15 13:25
[MANUFAC] ATG ELECTRONICS
[LUMCAT] COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-R1-WH-RC
[LUMINAIRE] 16.1"W. X 7.95"H. x 4.37"D LED EMERGENCY FIXTURE
[MORE] LED MODULES WITH FLOOD OPTICS
[TESTTEMPERATURE] 17.4 °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, 3.4W
[TEST PROCEDURE] IESNA:LM-63-1995

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	264
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	78
Total Luminaire Watts	3.4
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.12
Spacing Criterion (Diagonal)	1.26
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	272	338	184
55	172	239	80
65	68	100	30
75	26	45	19
85	18	25	0

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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	146.02	146.02	146.02	146.02	146.02	146.02	146.02	146.02	146.02	146.02
1	144.36	145.28	144.89	145.19	146.86	145.60	146.86	146.96	145.76	146.22
2	144.12	144.22	144.13	144.45	148.71	147.30	148.82	145.84	144.51	144.67
3	143.58	143.54	143.78	144.52	150.13	148.81	148.15	144.92	144.64	142.33
4	143.12	143.38	143.80	144.69	150.21	148.46	147.26	145.80	145.99	142.11
5	143.14	143.53	144.12	145.40	149.76	147.16	146.65	146.06	146.32	143.23
6	143.45	143.45	143.37	145.66	148.94	145.56	145.63	146.34	145.38	143.82
7	144.19	143.10	143.87	146.79	148.09	144.48	146.21	146.00	144.68	144.33
8	145.52	144.05	143.03	146.67	146.85	146.08	146.91	146.91	144.57	144.70
9	144.84	144.53	142.48	147.18	146.53	147.40	147.95	147.52	143.97	144.34
10	144.08	144.52	141.93	146.82	146.40	146.84	147.84	145.94	143.37	143.78
11	143.14	145.20	142.31	147.67	146.98	146.03	147.34	145.52	143.15	142.68
12	142.71	144.69	143.28	147.42	147.68	146.69	146.12	145.92	142.97	143.45
13	141.97	144.10	143.75	147.07	148.27	146.48	145.82	145.65	143.65	142.61
14	142.27	142.73	144.05	145.99	147.38	146.91	145.92	144.88	144.23	142.34
15	141.67	142.17	144.34	145.44	146.10	145.89	146.16	144.20	142.96	142.11
16	141.48	141.87	143.77	146.11	145.54	145.56	147.02	145.07	142.09	141.77
17	141.25	142.02	143.50	146.13	144.11	144.61	146.60	144.79	141.82	141.46
18	140.76	140.81	143.39	145.32	142.03	143.87	145.33	144.10	140.22	140.46
19	139.68	140.13	142.05	143.53	140.31	143.42	143.80	142.70	137.49	139.05
20	138.71	139.97	140.76	142.16	137.84	140.98	141.91	141.42	134.61	136.88
21	137.73	139.90	141.07	140.36	136.52	138.41	141.55	139.04	132.45	135.91
22	135.45	139.27	141.40	139.04	135.43	136.37	140.56	136.00	131.40	134.37
23	134.36	137.98	140.70	138.72	132.90	133.55	139.10	134.58	129.88	132.14
24	132.78	136.95	139.35	138.04	129.65	131.20	136.93	133.73	127.63	131.00
25	131.32	134.39	137.82	136.41	126.52	129.48	134.25	133.11	125.46	129.33
26	130.02	131.74	135.36	132.81	120.92	125.78	132.39	131.39	120.95	126.79
27	128.04	130.22	132.85	129.52	115.84	122.30	130.33	127.80	117.69	123.66
28	127.76	128.75	130.25	125.85	113.00	116.98	127.22	124.58	115.24	120.07
29	124.69	125.82	127.56	124.07	108.68	113.85	123.83	122.46	111.58	116.15
30	120.99	123.95	125.05	120.29	105.45	110.77	121.32	119.77	108.70	114.38
31	117.76	121.51	122.66	117.36	103.06	106.99	118.52	115.91	104.91	111.93
32	114.35	118.58	120.60	115.39	102.84	103.86	116.18	113.51	100.58	107.46
33	111.12	115.81	119.19	111.85	101.92	102.34	112.24	109.06	97.02	103.05
34	108.43	113.42	117.17	108.59	98.25	101.22	109.31	105.51	93.73	98.28
35	105.64	109.32	113.74	105.71	92.66	99.12	105.90	101.58	89.90	93.65
36	103.26	106.08	110.13	104.06	84.33	95.35	100.99	97.50	86.78	90.76
37	99.46	103.56	106.66	102.50	79.12	90.43	96.64	93.04	83.13	86.87
38	95.25	100.38	104.01	100.86	78.75	84.14	93.80	88.74	78.13	83.42
39	91.77	96.57	101.31	98.12	80.95	80.86	93.73	85.44	74.15	80.63
40	86.78	93.41	98.25	93.45	84.62	80.98	92.96	82.55	70.02	77.72
41	82.00	89.28	94.83	87.78	80.37	82.75	91.96	80.38	65.29	75.16
42	78.04	84.80	92.04	82.17	74.99	85.45	87.67	76.18	61.25	70.22
43	74.67	80.39	88.85	78.73	65.24	82.10	81.50	72.46	58.87	66.60
44	71.95	77.42	86.99	78.21	54.66	74.34	74.59	68.43	55.19	61.75
45	69.20	74.75	86.13	78.54	46.87	65.45	69.41	64.83	51.83	56.99
46	66.48	71.60	81.91	80.03	41.24	55.80	67.69	61.72	47.98	52.59
47	64.23	68.17	76.19	76.71	36.23	48.02	68.44	56.49	43.50	48.79
48	59.50	66.15	70.68	70.61	33.18	41.92	68.16	53.08	39.18	48.24
49	54.26	62.31	65.54	62.85	30.45	36.63	64.86	50.24	36.56	46.61
50	49.82	58.17	61.12	53.44	27.79	31.96	57.74	47.61	37.25	42.39
51	46.61	53.69	58.82	46.26	24.91	28.72	50.79	44.07	34.95	38.11
52	43.28	51.08	55.86	41.03	23.09	26.58	43.07	40.60	31.46	36.11
53	40.10	49.35	53.72	36.04	21.35	24.31	37.78	37.68	26.82	34.18

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CANDELA TABULATION - (Cont.)

54	36.99	47.02	50.95	31.02	18.41	22.22	33.35	36.61	22.96	29.48
55	35.49	43.06	49.35	27.98	16.46	20.31	29.60	31.96	20.48	25.62
56	34.79	38.00	47.16	25.69	14.29	18.83	26.48	27.43	17.62	21.78
57	31.93	35.02	41.03	23.58	11.86	16.43	23.27	22.72	14.56	19.79
58	27.52	33.16	36.71	21.31	10.41	14.11	20.71	19.98	12.15	18.00
59	23.82	30.36	32.25	18.77	9.39	12.10	18.51	17.82	10.38	16.09
60	20.86	26.58	27.67	16.56	8.27	10.11	16.34	16.22	8.60	13.16
61	18.38	23.19	23.81	14.67	7.19	8.79	14.49	14.00	7.44	10.67
62	16.21	20.17	20.97	13.16	6.29	7.63	13.27	12.04	6.43	9.04
63	14.12	17.93	18.67	11.84	5.58	6.85	12.16	10.49	5.58	7.64
64	11.93	15.93	16.98	10.37	5.00	6.19	10.89	8.78	4.82	6.60
65	10.28	13.62	15.23	9.16	4.54	5.56	9.84	7.11	4.21	5.80
66	8.75	11.20	13.55	8.25	4.11	4.93	8.42	6.13	3.58	5.11
67	7.47	9.42	11.65	7.29	3.64	4.37	7.59	5.23	3.10	4.45
68	6.26	7.93	10.27	6.49	3.29	3.90	6.01	4.49	2.64	3.79
69	5.31	6.59	9.08	5.74	3.05	3.46	5.03	3.93	2.36	3.30
70	4.52	5.66	7.82	5.11	2.74	3.03	4.33	3.38	2.06	2.81
71	3.90	4.97	6.88	4.41	2.54	2.74	3.81	2.87	1.86	2.43
72	3.40	4.44	6.01	3.90	2.35	2.44	3.15	2.50	1.56	2.08
73	3.08	3.94	5.34	3.50	2.13	2.17	2.65	2.18	1.37	1.84
74	2.70	3.52	4.73	3.12	1.91	1.94	2.26	1.78	1.24	1.56
75	2.46	3.06	4.20	2.76	1.74	1.76	2.03	1.59	1.08	1.44
76	2.31	2.58	3.62	2.49	1.54	1.53	1.74	1.33	0.94	1.18
77	2.08	2.31	3.05	2.26	1.34	1.34	1.50	1.16	0.82	1.02
78	1.87	2.03	2.68	2.02	1.17	1.18	1.28	0.99	0.62	0.91
79	1.61	1.78	2.29	1.85	1.02	1.02	1.06	0.75	0.49	0.71
80	1.36	1.53	1.98	1.66	0.88	0.86	0.88	0.62	0.40	0.54
81	1.20	1.32	1.65	1.48	0.73	0.74	0.71	0.48	0.34	0.46
82	1.02	1.08	1.38	1.29	0.57	0.65	0.55	0.38	0.00	0.35
83	0.83	0.94	1.18	1.11	0.42	0.46	0.46	0.30	0.00	0.00
84	0.69	0.80	1.04	0.97	0.31	0.38	0.35	0.00	0.00	0.00
85	0.58	0.59	0.80	0.89	0.00	0.00	0.00	0.00	0.00	0.00
86	0.41	0.49	0.66	0.65	0.00	0.00	0.00	0.00	0.00	0.00
87	0.36	0.42	0.51	0.56	0.00	0.00	0.00	0.00	0.00	0.00
88	0.00	0.32	0.34	0.38	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

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PHOTOMETRIC FILENAME : COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-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 : COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-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	146.02	146.02	146.02	146.02	146.02	146.02	146.02
1	146.25	145.21	146.65	146.33	146.89	145.23	144.36
2	145.47	146.79	146.85	146.27	146.75	145.88	144.12
3	144.87	146.90	147.36	146.08	146.43	145.32	143.58
4	144.64	146.43	146.46	146.22	147.09	145.05	143.12
5	144.07	146.04	146.74	146.08	146.19	145.52	143.14
6	144.86	144.63	147.71	146.28	144.96	145.27	143.45
7	144.41	143.77	147.65	146.05	145.71	145.79	144.19
8	144.88	144.66	147.31	146.60	145.40	146.34	145.52
9	144.47	144.50	147.78	147.80	146.33	145.68	144.84
10	144.54	143.23	148.60	148.07	147.68	144.99	144.08
11	144.52	141.75	148.06	147.21	148.93	143.99	143.14
12	144.13	141.94	148.20	146.10	148.11	143.57	142.71
13	144.16	141.89	149.08	145.99	147.71	143.24	141.97
14	143.23	142.42	148.63	146.74	147.69	144.18	142.27
15	141.94	143.28	147.21	146.48	146.64	144.76	141.67
16	142.01	141.60	146.25	146.10	144.42	144.86	141.48
17	141.59	139.56	144.69	145.16	145.48	145.28	141.25
18	140.91	136.52	143.68	142.85	145.03	144.23	140.76
19	140.30	133.01	142.33	141.68	143.72	142.80	139.68
20	138.79	131.26	140.14	140.99	143.28	141.30	138.71
21	137.26	128.50	137.47	139.03	141.50	140.48	137.73
22	136.71	125.58	133.63	136.28	138.64	139.46	135.45
23	133.97	123.04	131.12	133.35	137.71	138.28	134.36
24	130.11	120.79	128.11	130.20	136.79	136.31	132.78
25	125.99	117.56	124.85	126.61	135.36	135.53	131.32
26	122.60	113.94	122.52	123.26	133.79	133.38	130.02
27	119.46	109.81	119.86	118.96	131.42	130.86	128.04
28	116.07	106.66	115.78	115.47	127.56	128.54	127.76
29	112.13	105.20	112.70	112.82	124.15	126.35	124.69
30	109.04	103.61	109.33	109.81	120.84	124.25	120.99
31	105.82	102.27	106.15	107.81	117.01	121.56	117.76
32	104.07	99.47	104.12	105.01	113.88	119.49	114.35
33	101.86	94.34	100.65	102.98	110.41	115.71	111.12
34	98.37	88.70	96.85	100.52	108.35	112.60	108.43
35	95.31	84.87	90.43	97.43	105.94	109.49	105.64
36	93.43	81.88	83.72	93.35	103.13	106.28	103.26

IES INDOOR REPORT**PHOTOMETRIC FILENAME : COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-R1-WH-RC.IES****CANDELA TABULATION - (Cont.)**

37	92.59	79.98	78.16	88.48	99.21	103.01	99.46
38	91.80	78.93	75.97	83.20	94.84	99.58	95.25
39	89.89	79.81	77.34	78.56	92.62	96.67	91.77
40	84.04	78.18	80.82	77.67	91.75	92.07	86.78
41	77.11	75.15	81.90	79.22	90.71	86.80	82.00
42	70.65	69.54	78.07	80.96	90.75	83.28	78.04
43	66.38	62.59	70.16	80.92	86.33	80.43	74.67
44	64.57	55.92	61.16	74.37	80.52	78.23	71.95
45	61.31	49.13	51.75	65.62	74.87	74.95	69.20
46	59.79	42.61	44.67	55.97	69.96	70.67	66.48
47	58.89	36.95	39.25	48.58	67.94	67.30	64.23
48	55.83	32.55	34.45	41.30	66.63	65.11	59.50
49	52.53	28.15	31.54	36.54	65.54	61.22	54.26
50	47.48	25.34	28.22	32.23	62.16	56.96	49.82
51	42.62	22.63	26.23	28.93	57.82	53.70	46.61
52	36.94	21.09	24.47	26.40	52.39	51.64	43.28
53	31.90	19.26	22.35	23.94	47.06	48.83	40.10
54	27.98	17.37	19.74	21.81	40.84	45.00	36.99
55	24.73	15.15	18.22	20.09	35.73	40.80	35.49
56	21.76	12.91	15.66	18.34	30.89	35.86	34.79
57	19.74	11.11	12.73	16.31	26.45	33.39	31.93
58	17.47	9.94	10.54	14.67	23.29	32.34	27.52
59	15.51	8.81	9.29	12.76	21.05	28.96	23.82
60	13.73	7.92	8.42	10.62	19.48	25.45	20.86
61	12.18	6.82	7.57	9.02	17.62	21.86	18.38
62	10.80	5.97	6.51	8.09	16.00	19.58	16.21
63	9.84	5.06	5.58	6.95	14.18	17.29	14.12
64	8.52	4.49	4.79	6.19	12.64	15.30	11.93
65	7.54	3.99	4.17	5.46	11.24	13.73	10.28
66	6.47	3.52	3.75	4.63	10.15	12.10	8.75
67	5.62	3.09	3.37	4.10	8.86	10.24	7.47
68	4.76	2.81	3.07	3.64	7.90	8.61	6.26
69	4.12	2.46	2.70	3.25	7.25	7.12	5.31
70	3.64	2.22	2.45	2.86	6.20	5.90	4.52
71	3.08	2.04	2.24	2.62	5.00	5.21	3.90
72	2.65	1.78	2.01	2.37	4.18	4.54	3.40
73	2.22	1.56	1.84	2.08	3.57	3.93	3.08
74	1.91	1.39	1.67	1.87	3.12	3.49	2.70
75	1.63	1.24	1.52	1.76	2.78	3.02	2.46
76	1.37	1.06	1.36	1.60	2.42	2.63	2.31
77	1.10	0.93	1.23	1.43	2.13	2.37	2.08
78	0.87	0.78	1.08	1.28	1.81	2.03	1.87
79	0.76	0.72	0.90	1.14	1.60	1.77	1.61
80	0.60	0.56	0.74	1.00	1.38	1.50	1.36
81	0.48	0.46	0.62	0.86	1.19	1.28	1.20
82	0.32	0.31	0.52	0.77	1.01	1.03	1.02
83	0.00	0.00	0.31	0.63	0.83	0.88	0.83
84	0.00	0.00	0.00	0.49	0.71	0.77	0.69
85	0.00	0.00	0.00	0.38	0.58	0.62	0.58
86	0.00	0.00	0.00	0.00	0.40	0.48	0.41
87	0.00	0.00	0.00	0.00	0.00	0.35	0.36
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 : COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-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 : COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-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 : COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-R1-WH-RC.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	54.60	N.A.	20.70
0-30	113.96	N.A.	43.20
0-40	176.32	N.A.	66.90
0-60	252.37	N.A.	95.70
0-80	263.31	N.A.	99.80
0-90	263.71	N.A.	100.00
10-90	249.81	N.A.	94.70
20-40	121.72	N.A.	46.20
20-50	172.05	N.A.	65.20
40-70	84.61	N.A.	32.10
60-80	10.93	N.A.	4.10
70-80	2.37	N.A.	0.90
80-90	0.40	N.A.	0.20
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	263.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	13.90
10-20	40.70
20-30	59.36
30-40	62.37
40-50	50.32
50-60	25.73
60-70	8.56
70-80	2.37
80-90	0.40
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 : COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-R1-WH-RC.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

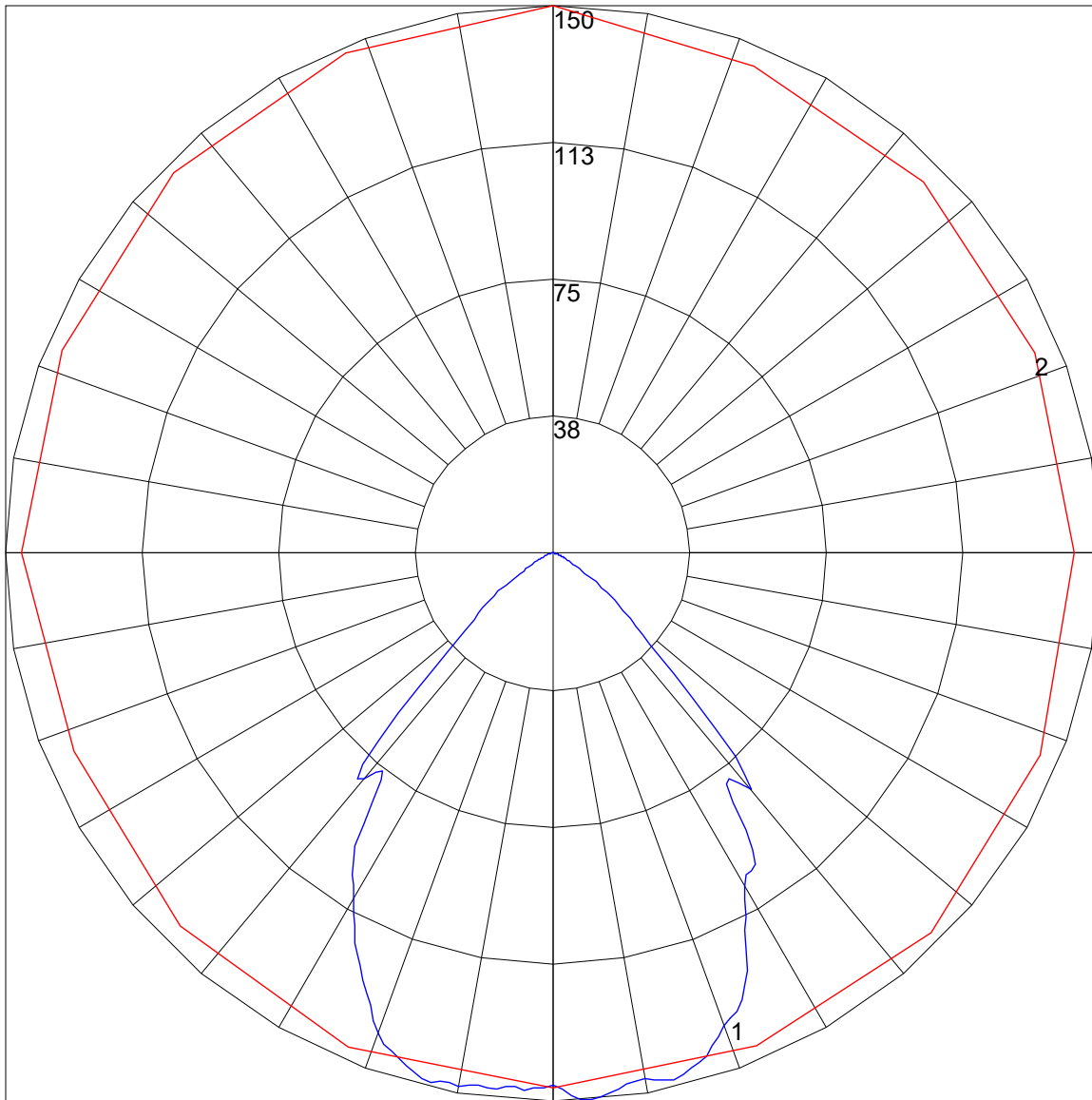
Effective Floor Cavity Reflectance 0.20

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	112	108	105	102	109	106	103	101	102	100	98	98	96	95	95	93	92	90
2	104	98	93	88	102	96	91	87	93	89	85	90	86	84	87	84	82	80
3	97	89	82	77	95	87	81	77	84	79	75	82	78	74	79	76	73	71
4	90	81	74	68	88	79	73	68	77	71	67	75	70	66	73	69	65	63
5	84	73	66	61	82	72	65	60	70	64	60	69	63	59	67	62	59	57
6	78	67	60	54	77	66	59	54	65	58	54	63	58	53	62	57	53	51
7	73	62	54	49	72	61	54	49	60	53	49	58	53	48	57	52	48	46
8	69	57	50	45	67	56	49	44	55	49	44	54	48	44	53	48	44	42
9	65	53	46	41	63	52	45	41	51	45	40	50	44	40	49	44	40	38
10	61	49	42	37	60	49	42	37	48	41	37	47	41	37	46	41	37	35

IES INDOOR REPORT

PHOTOMETRIC FILENAME : COMPACT SIZE EMERGENCY EXIT SIGN COMBO ESC03-R1-WH-RC.IES

POLAR GRAPH



Maximum Candela = 150.21 Located At Horizontal Angle = 90, Vertical Angle = 4

1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)

2 - Horizontal Cone Through Vertical Angle (4) (Through Max. Cd.)