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IES INDOOR REPORT

PHOTOMETRIC FILENAME : DUAL HEAD EMERGENCY LIGHT EML01-WH-RC.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] HTL200704001
[TESTLAB] HOPESTAR TEST LAB
[ISSUEDATE] 2021/1/15 12:57
[MANUFAC] ATG ELECTRONICS
[LUMCAT] DUAL HEAD EMERGENCY LIGHT EML01-WH-RC
[LUMINAIRE] 11.02"W. X 4.33"H. x 2.65"D LED EMERGENCY FIXTURE
[MORE] LED MODULES WITH FLOOD OPTICS, WITH REMOTE LOAD
[TESTTEMPERATURE] 25.1 °C
[LAMPPOSITION] 0,0
[LAMPCAT] N/A
[OTHER] INDICATING THE CANDELA VALUES ARE ABSOLUTE LUMENS 253
[MORE] SHOULD NOT BE FACTORED FOR DIFFERENT LAMP RATINGS.
[INPUT] 4.1 V, 0.704 A, 2.89W
[TEST PROCEDURE] IESNA:LM-63-1995

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	253
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	87
Total Luminaire Watts	2.89
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	0.54
Spacing Criterion (90-270)	0.56
Spacing Criterion (Diagonal)	0.62
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	139	136	139
55	70	64	69
65	21	22	24
75	6	7	6
85	0	0	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	409.55	409.55	409.55	409.55	409.55	409.55	409.55	409.55	409.55	409.55
1	406.72	406.05	405.13	405.34	407.10	408.76	409.99	412.31	413.62	413.85
2	405.67	404.26	403.06	401.80	400.41	403.38	407.14	412.32	415.52	417.02
3	401.77	399.02	397.06	395.26	393.16	398.66	403.36	407.62	412.32	415.89
4	395.18	391.64	387.97	388.32	385.08	391.57	398.03	400.70	406.78	410.64
5	385.34	381.90	379.49	378.94	375.92	384.12	391.38	393.98	401.20	404.76
6	373.39	370.26	368.16	367.60	365.11	374.33	381.28	384.77	394.14	395.26
7	358.81	354.62	355.01	355.21	353.38	359.73	370.53	376.31	382.27	385.48
8	345.86	337.42	339.06	342.07	340.41	346.41	357.52	366.52	372.48	374.63
9	331.02	321.85	323.01	329.16	328.13	332.63	341.52	353.10	360.86	363.37
10	312.97	307.55	305.30	313.48	311.48	316.59	326.79	338.44	343.79	352.16
11	294.78	291.50	288.31	295.92	295.79	302.01	310.63	321.76	327.67	337.85
12	275.32	272.38	272.97	280.26	280.31	287.94	290.89	302.49	312.19	322.93
13	257.70	256.29	256.46	264.38	265.39	271.34	273.52	282.44	297.42	306.78
14	242.64	239.39	239.16	249.04	249.99	255.61	255.40	265.16	280.81	292.79
15	225.30	223.10	224.00	235.53	236.01	241.39	236.96	247.72	262.31	279.97
16	209.17	206.46	208.24	220.84	220.21	224.58	220.95	232.01	243.09	264.10
17	193.20	192.97	192.07	204.75	206.20	206.87	205.87	216.01	224.63	247.02
18	180.92	178.77	175.51	185.65	191.29	190.57	188.64	197.66	208.46	228.20
19	169.91	163.26	160.51	171.14	173.43	174.08	173.40	181.91	192.18	212.18
20	157.60	151.89	150.23	157.92	158.43	160.70	159.79	167.53	178.10	194.38
21	144.64	142.33	140.96	143.49	145.55	148.27	146.69	151.33	163.23	178.46
22	134.22	130.39	129.84	132.46	132.84	134.44	135.07	139.01	148.45	164.00
23	123.55	119.25	119.44	121.90	122.41	121.98	124.20	128.54	137.15	151.36
24	114.22	110.03	109.38	111.18	113.88	110.84	113.57	118.27	127.40	138.86
25	106.27	102.57	101.18	104.19	104.32	101.79	103.87	111.78	117.29	124.82
26	100.00	95.94	94.48	98.10	95.71	95.52	97.46	104.23	110.52	114.92
27	93.62	91.87	89.92	90.93	89.16	89.52	92.57	95.95	103.49	106.50
28	87.94	86.66	84.94	85.75	81.82	84.75	87.97	90.41	95.62	100.46
29	82.19	82.18	80.14	80.00	77.69	79.78	82.89	85.21	89.58	94.83
30	77.15	77.04	76.49	75.55	74.74	74.88	78.20	81.40	84.07	88.68
31	73.46	73.35	72.83	72.49	71.93	71.29	74.32	77.91	79.23	83.13
32	71.29	70.04	68.59	69.55	69.45	68.42	70.93	73.74	75.30	80.04
33	69.16	67.00	65.83	66.75	66.64	66.33	67.70	70.75	72.35	76.33
34	66.04	64.40	63.60	63.37	62.76	64.28	65.08	68.07	69.05	72.41
35	62.49	61.15	61.16	60.71	59.50	61.36	62.54	65.35	66.00	68.70
36	58.70	59.09	59.21	56.98	56.40	58.67	59.41	62.38	63.68	65.07
37	55.67	56.22	56.36	53.95	53.92	55.97	56.78	59.68	60.27	62.81
38	52.43	52.79	53.06	51.99	52.13	53.26	54.61	56.17	57.28	60.36
39	49.84	49.50	50.01	50.19	50.36	50.77	52.70	53.25	55.28	57.81
40	47.94	46.99	47.55	48.01	48.26	48.35	50.08	50.60	52.42	54.77
41	45.66	44.42	45.29	45.81	45.90	45.66	47.45	48.76	49.70	52.28
42	42.67	42.04	42.99	42.96	42.73	43.04	44.82	46.21	47.53	49.46
43	40.51	39.93	40.35	39.87	39.90	40.97	42.01	43.56	44.96	46.78
44	37.80	37.28	37.56	37.18	37.41	38.81	39.62	40.72	42.62	44.37
45	35.43	34.37	34.58	35.07	35.30	36.26	37.61	38.20	40.05	41.66
46	33.70	32.27	32.00	33.31	33.16	34.19	35.40	35.33	36.81	39.63
47	31.21	29.96	30.21	31.81	30.69	32.31	32.69	32.92	34.07	36.89
48	28.67	27.75	28.03	29.21	28.33	29.87	30.07	30.91	31.93	34.44
49	26.37	25.62	26.15	27.23	25.63	27.32	27.72	28.91	29.86	32.64
50	23.84	23.89	24.07	25.03	22.97	24.76	25.24	26.70	28.24	30.54
51	21.49	20.86	21.49	22.42	20.92	22.48	23.27	24.27	26.26	28.01
52	19.84	19.10	19.28	20.54	19.39	20.60	20.77	22.39	24.05	25.72
53	18.21	17.37	17.44	18.23	17.82	18.93	18.77	19.86	21.92	23.38

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CANDELA TABULATION - (Cont.)

54	16.61	15.15	15.48	16.72	16.02	17.18	16.76	17.52	20.27	20.87
55	14.46	13.60	13.16	15.17	14.17	15.23	15.37	16.07	18.39	18.82
56	12.49	12.00	11.64	13.49	12.24	13.69	14.06	14.61	16.53	17.04
57	10.69	10.58	10.32	11.68	10.74	11.99	12.65	13.07	14.59	15.78
58	9.34	9.63	9.36	10.21	9.67	10.39	10.88	11.65	12.89	14.25
59	8.26	8.59	8.44	8.93	8.62	9.23	9.28	10.33	11.00	12.72
60	7.24	7.85	7.61	7.87	7.43	8.32	7.76	8.95	9.68	11.22
61	6.22	6.48	6.52	6.86	6.37	7.11	6.76	7.95	8.24	9.96
62	5.32	5.36	5.52	6.01	5.28	6.09	6.01	7.32	6.85	8.80
63	4.58	4.67	4.71	5.30	4.71	5.41	5.24	6.19	5.74	7.66
64	3.90	4.16	4.04	4.68	4.13	4.74	4.44	5.12	5.03	6.72
65	3.15	3.43	3.38	4.17	3.71	4.10	3.75	4.34	4.37	5.90
66	2.73	3.03	2.86	3.64	3.06	3.52	3.30	3.78	3.67	5.01
67	2.30	2.47	2.41	3.03	2.56	3.03	2.85	3.36	3.30	4.33
68	1.96	2.03	2.07	2.62	2.21	2.55	2.48	2.90	2.64	3.63
69	1.74	1.77	1.79	2.17	1.88	2.05	2.08	2.47	2.24	3.10
70	1.52	1.49	1.53	1.79	1.63	1.76	1.88	2.04	2.00	2.69
71	1.30	1.19	1.29	1.47	1.29	1.40	1.57	1.63	1.86	2.21
72	1.08	0.94	1.13	1.29	1.02	1.13	1.36	1.32	1.35	1.84
73	0.88	0.78	0.92	1.09	0.86	0.91	1.06	1.02	1.06	1.45
74	0.64	0.62	0.75	0.85	0.69	0.74	0.78	0.82	0.89	1.20
75	0.52	0.52	0.67	0.69	0.58	0.61	0.61	0.72	0.67	1.01
76	0.40	0.45	0.52	0.58	0.47	0.45	0.48	0.54	0.58	0.79
77	0.31	0.40	0.41	0.55	0.37	0.35	0.38	0.44	0.50	0.69
78	0.00	0.31	0.00	0.41	0.00	0.28	0.30	0.34	0.38	0.60
79	0.00	0.00	0.00	0.30	0.00	0.00	0.00	0.00	0.34	0.47
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.35
81	0.00	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 : DUAL HEAD EMERGENCY LIGHT EML01-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

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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. Angles **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	409.55	409.55	409.55	409.55	409.55	409.55	409.55
1	413.04	411.63	412.50	410.57	408.84	407.61	406.72
2	416.13	413.24	413.16	409.76	407.67	407.08	405.67
3	415.82	412.90	412.27	408.83	406.49	404.79	401.77
4	412.81	410.27	409.68	407.32	402.96	399.37	395.18
5	407.77	405.39	406.33	403.36	398.04	391.62	385.34
6	399.74	399.86	399.62	394.71	390.76	379.30	373.39
7	389.69	393.55	392.27	387.79	380.54	367.31	358.81
8	378.16	385.47	383.64	380.53	368.20	353.75	345.86
9	367.98	377.56	372.02	368.99	355.89	342.03	331.02
10	359.16	365.13	360.90	356.54	341.99	327.16	312.97
11	346.70	350.46	348.18	341.88	326.11	308.37	294.78
12	332.38	337.23	333.42	324.94	307.16	289.52	275.32
13	315.46	322.97	320.56	307.91	290.73	269.65	257.70
14	299.93	308.31	307.92	290.87	274.26	252.48	242.64
15	283.65	292.18	292.65	273.51	255.93	236.40	225.30
16	267.09	276.65	276.57	257.10	235.56	220.92	209.17
17	252.90	260.48	261.48	241.73	217.93	204.22	193.20
18	239.14	245.98	245.91	226.29	203.71	188.60	180.92
19	224.84	229.68	231.04	209.35	189.12	175.71	169.91
20	208.96	212.90	215.06	193.83	175.93	160.98	157.60
21	190.94	196.68	198.50	176.84	161.72	150.15	144.64
22	175.12	181.01	182.31	163.19	148.73	139.37	134.22
23	161.96	166.45	166.53	150.73	137.17	127.79	123.55
24	148.84	154.18	151.57	139.62	126.74	118.15	114.22
25	136.92	142.24	139.88	127.60	116.15	109.97	106.27
26	125.38	128.62	130.00	117.55	106.76	102.68	100.00
27	113.68	118.36	120.39	109.55	100.21	97.28	93.62
28	104.52	108.87	110.72	101.64	93.83	92.20	87.94
29	97.46	100.95	101.71	95.68	89.99	86.95	82.19
30	90.92	95.08	94.13	90.77	86.39	81.95	77.15
31	86.46	89.25	87.62	85.48	81.38	78.12	73.46
32	82.52	82.81	81.92	80.56	77.34	74.11	71.29
33	77.77	77.89	77.62	76.60	73.33	70.47	69.16
34	73.64	73.85	74.71	72.84	70.12	67.24	66.04
35	70.80	71.09	72.07	69.92	67.19	64.71	62.49
36	68.17	68.46	69.51	67.39	65.04	61.97	58.70

IES INDOOR REPORT

PHOTOMETRIC FILENAME : DUAL HEAD EMERGENCY LIGHT EML01-WH-RC.IES

CANDELA TABULATION - (Cont.)

37	65.58	65.98	66.05	65.03	62.96	59.46	55.67
38	63.79	63.09	62.74	61.42	59.55	56.51	52.43
39	61.02	60.26	59.90	59.07	56.37	52.55	49.84
40	57.99	57.86	56.72	56.81	53.42	49.45	47.94
41	55.04	55.31	54.73	53.90	50.54	46.89	45.66
42	52.47	53.24	52.62	50.83	48.70	44.83	42.67
43	49.95	50.43	50.94	48.38	46.46	42.95	40.51
44	47.54	47.10	48.69	46.00	43.68	40.92	37.80
45	44.73	44.21	46.35	43.55	41.45	38.52	35.43
46	42.17	41.70	43.76	41.54	37.99	35.73	33.70
47	40.04	40.00	41.12	39.37	35.25	32.99	31.21
48	37.10	37.65	39.09	37.19	33.13	30.39	28.67
49	34.96	35.58	36.97	35.00	31.13	28.45	26.37
50	32.43	33.24	34.56	32.96	29.40	26.21	23.84
51	29.82	31.11	32.03	30.26	27.29	23.88	21.49
52	28.02	29.31	29.67	27.95	25.15	21.50	19.84
53	25.65	27.09	27.44	25.58	22.83	19.53	18.21
54	23.51	25.07	25.33	23.15	20.67	17.69	16.61
55	21.82	22.68	23.30	20.91	18.39	15.89	14.46
56	20.18	20.77	20.83	19.31	16.38	14.64	12.49
57	18.33	18.95	18.63	17.74	14.44	12.80	10.69
58	16.46	17.48	16.60	16.20	12.95	11.28	9.34
59	14.59	15.86	14.49	14.77	11.83	10.08	8.26
60	12.87	13.85	12.93	13.01	10.70	9.00	7.24
61	10.89	12.01	11.90	11.31	9.21	7.68	6.22
62	9.48	10.80	10.88	9.77	7.68	6.62	5.32
63	8.31	9.82	9.82	8.62	6.45	5.64	4.58
64	7.33	8.89	8.45	7.66	5.44	4.85	3.90
65	6.28	7.97	7.15	6.73	4.78	4.27	3.15
66	5.43	7.26	6.10	6.10	4.21	3.57	2.73
67	4.74	6.49	5.47	5.37	3.57	3.10	2.30
68	4.21	5.55	4.77	4.63	2.99	2.69	1.96
69	3.65	4.83	4.12	3.91	2.59	2.27	1.74
70	3.13	3.91	3.78	3.40	2.34	1.94	1.52
71	2.72	3.34	3.28	2.97	2.03	1.50	1.30
72	2.41	2.89	2.67	2.45	1.69	1.18	1.08
73	2.05	2.58	2.23	2.05	1.35	0.96	0.88
74	1.69	2.15	1.87	1.71	1.12	0.84	0.64
75	1.42	1.67	1.76	1.50	0.98	0.68	0.52
76	1.22	1.47	1.56	1.23	0.81	0.55	0.40
77	1.03	1.19	1.06	0.98	0.61	0.47	0.31
78	0.94	1.05	0.85	0.78	0.54	0.34	0.00
79	0.67	0.91	0.72	0.62	0.37	0.30	0.00
80	0.54	0.78	0.57	0.54	0.33	0.00	0.00
81	0.43	0.64	0.44	0.37	0.00	0.00	0.00
82	0.37	0.47	0.33	0.34	0.00	0.00	0.00
83	0.00	0.38	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 : DUAL HEAD EMERGENCY LIGHT EML01-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 : DUAL HEAD EMERGENCY LIGHT EML01-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 : DUAL HEAD EMERGENCY LIGHT EML01-WH-RC.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	104.89	N.A.	41.50
0-30	159.35	N.A.	63.10
0-40	200.37	N.A.	79.30
0-60	246.47	N.A.	97.50
0-80	252.69	N.A.	100.00
0-90	252.73	N.A.	100.00
10-90	217.17	N.A.	85.90
20-40	95.49	N.A.	37.80
20-50	125.74	N.A.	49.80
40-70	51.24	N.A.	20.30
60-80	6.22	N.A.	2.50
70-80	1.07	N.A.	0.40
80-90	0.04	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	252.73	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	35.56
10-20	69.33
20-30	54.47
30-40	41.02
40-50	30.25
50-60	15.84
60-70	5.15
70-80	1.07
80-90	0.04
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

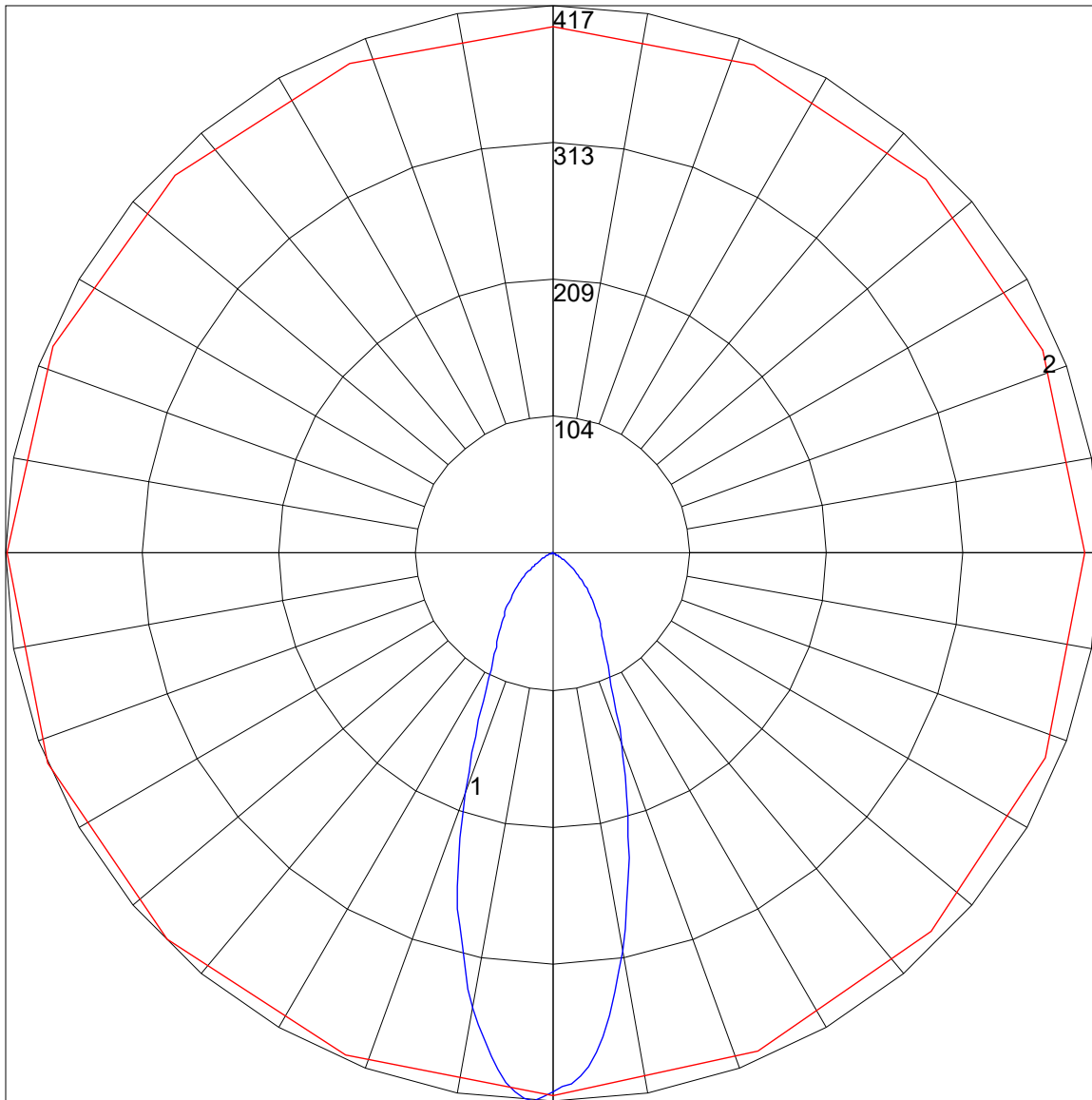
PHOTOMETRIC FILENAME : DUAL HEAD EMERGENCY LIGHT EML01-WH-RC.IES

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	113	110	107	105	110	108	105	103	104	102	100	100	98	97	97	95	94	92
2	107	101	97	93	104	100	96	92	96	93	90	93	91	88	91	89	87	85
3	101	94	89	84	99	92	88	84	90	86	82	87	84	81	85	82	80	78
4	95	87	81	77	93	86	81	76	84	79	75	82	78	74	80	76	74	72
5	90	81	75	71	89	80	75	70	79	73	70	77	72	69	75	71	68	67
6	86	76	70	65	84	75	69	65	74	68	65	72	68	64	71	67	64	62
7	81	71	65	61	80	71	65	61	69	64	60	68	63	60	67	63	60	58
8	77	67	61	57	76	67	61	57	66	60	56	65	60	56	64	59	56	55
9	74	64	58	53	73	63	57	53	62	57	53	61	56	53	60	56	53	51
10	70	60	54	50	69	60	54	50	59	54	50	58	54	50	58	53	50	49

POLAR GRAPH



Maximum Candela = 417.02 Located At Horizontal Angle = 202.5, Vertical Angle = 2
1 - Vertical Plane Through Horizontal Angles (202.5 - 22.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (2) (Through Max. Cd.)