



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BIO2-LIN-LED35-HO-CW.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 11476049.11
 [TESTLAB]
 [ISSUE DATE]
 [MANUFAC] Prudential Lighting Corp
 [LUMCAT] Bio22-LIN-LED35-HO-CW
 [LUMINAIRE] Rectangular formed grey aluminum housing
 [LAMP] 120 White LEDs with four (4) rectangular optics
 [BALLAST] One (1) OSRAM Optotronic Oti 48/120-277/2A0 DIM L
 [OTHER] .

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3987
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	100
Total Luminaire Watts	40
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.23 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
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>
0.0	0.00	0.00	0.00	0.00	0.00
0.5	0.00	0.00	0.00	0.00	0.00
1.0	0.00	0.00	0.00	0.00	0.00
1.5	0.00	0.00	0.00	0.00	0.00
2.0	0.00	0.00	0.00	0.00	0.00
2.5	0.00	0.00	0.00	0.00	0.00
3.0	0.00	0.00	0.00	0.00	0.00
3.5	0.00	0.00	0.00	0.00	0.00
4.0	0.00	0.00	0.00	0.00	0.00
4.5	0.00	0.00	0.00	0.00	0.00
5.0	0.00	0.00	0.00	0.00	0.00
5.5	0.00	0.00	0.00	0.00	0.00
6.0	0.00	0.00	0.00	0.00	0.00
6.5	0.00	0.00	0.00	0.00	0.00
7.0	0.00	0.00	0.00	0.00	0.00
7.5	0.00	0.00	0.00	0.00	0.00
8.0	0.00	0.00	0.00	0.00	0.00
8.5	0.00	0.00	0.00	0.00	0.00
9.0	0.00	0.00	0.00	0.00	0.00
9.5	0.00	0.00	0.00	0.00	0.00
10.0	0.00	0.00	0.00	0.00	0.00
10.5	0.00	0.00	0.00	0.00	0.00
11.0	0.00	0.00	0.00	0.00	0.00
11.5	0.00	0.00	0.00	0.00	0.00
12.0	0.00	0.00	0.00	0.00	0.00
12.5	0.00	0.00	0.00	0.00	0.00
13.0	0.00	0.00	0.00	0.00	0.00
13.5	0.00	0.00	0.00	0.00	0.00
14.0	0.00	0.00	0.00	0.00	0.00
14.5	0.00	0.00	0.00	0.00	0.00
15.0	0.00	0.00	0.00	0.00	0.00
15.5	0.00	0.00	0.00	0.00	0.00
16.0	0.00	0.00	0.00	0.00	0.00
16.5	0.00	0.00	0.00	0.00	0.00
17.0	0.00	0.00	0.00	0.00	0.00
17.5	0.00	0.00	0.00	0.00	0.00
18.0	0.00	0.00	0.00	0.00	0.00
18.5	0.00	0.00	0.00	0.00	0.00
19.0	0.00	0.00	0.00	0.00	0.00
19.5	0.00	0.00	0.00	0.00	0.00
20.0	0.00	0.00	0.00	0.00	0.00
20.5	0.00	0.00	0.00	0.00	0.00
21.0	0.00	0.00	0.00	0.00	0.00
21.5	0.00	0.00	0.00	0.00	0.00
22.0	0.00	0.00	0.00	0.00	0.00
22.5	0.00	0.00	0.00	0.00	0.00
23.0	0.00	0.00	0.00	0.00	0.00
23.5	0.00	0.00	0.00	0.00	0.00
24.0	0.00	0.00	0.00	0.00	0.00
24.5	0.00	0.00	0.00	0.00	0.00
25.0	0.00	0.00	0.00	0.00	0.00
25.5	0.00	0.00	0.00	0.00	0.00
26.0	0.00	0.00	0.00	0.00	0.00
26.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BIO2-LIN-LED35-HO-CW.IES

CANDELA TABULATION - (Cont.)

27.0	0.00	0.00	0.00	0.00	0.00
27.5	0.00	0.00	0.00	0.00	0.00
28.0	0.00	0.00	0.00	0.00	0.00
28.5	0.00	0.00	0.00	0.00	0.00
29.0	0.00	0.00	0.00	0.00	0.00
29.5	0.00	0.00	0.00	0.00	0.00
30.0	0.00	0.00	0.00	0.00	0.00
30.5	0.00	0.00	0.00	0.00	0.00
31.0	0.00	0.00	0.00	0.00	0.00
31.5	0.00	0.00	0.00	0.00	0.00
32.0	0.00	0.00	0.00	0.00	0.00
32.5	0.00	0.00	0.00	0.00	0.00
33.0	0.00	0.00	0.00	0.00	0.00
33.5	0.00	0.00	0.00	0.00	0.00
34.0	0.00	0.00	0.00	0.00	0.00
34.5	0.00	0.00	0.00	0.00	0.00
35.0	0.00	0.00	0.00	0.00	0.00
35.5	0.00	0.00	0.00	0.00	0.00
36.0	0.00	0.00	0.00	0.00	0.00
36.5	0.00	0.00	0.00	0.00	0.00
37.0	0.00	0.00	0.00	0.00	0.00
37.5	0.00	0.00	0.00	0.00	0.00
38.0	0.00	0.00	0.00	0.00	0.00
38.5	0.00	0.00	0.00	0.00	0.00
39.0	0.00	0.00	0.00	0.00	0.00
39.5	0.00	0.00	0.00	0.00	0.00
40.0	0.00	0.00	0.00	0.00	0.00
40.5	0.00	0.00	0.00	0.00	0.00
41.0	0.00	0.00	0.00	0.00	0.00
41.5	0.00	0.00	0.00	0.00	0.00
42.0	0.00	0.00	0.00	0.00	0.00
42.5	0.00	0.00	0.00	0.00	0.00
43.0	0.00	0.00	0.00	0.00	0.00
43.5	0.00	0.00	0.00	0.00	0.00
44.0	0.00	0.00	0.00	0.00	0.00
44.5	0.00	0.00	0.00	0.00	0.00
45.0	0.00	0.00	0.00	0.00	0.00
45.5	0.00	0.00	0.00	0.00	0.00
46.0	0.00	0.00	0.00	0.00	0.00
46.5	0.00	0.00	0.00	0.00	0.00
47.0	0.00	0.00	0.00	0.00	0.00
47.5	0.00	0.00	0.00	0.00	0.00
48.0	0.00	0.00	0.00	0.00	0.00
48.5	0.00	0.00	0.00	0.00	0.00
49.0	0.00	0.00	0.00	0.00	0.00
49.5	0.00	0.00	0.00	0.00	0.00
50.0	0.00	0.00	0.00	0.00	0.00
50.5	0.00	0.00	0.00	0.00	0.00
51.0	0.00	0.00	0.00	0.00	0.00
51.5	0.00	0.00	0.00	0.00	0.00
52.0	0.00	0.00	0.00	0.00	0.00
52.5	0.00	0.00	0.00	0.00	0.00
53.0	0.00	0.00	0.00	0.00	0.00
53.5	0.00	0.00	0.00	0.00	0.00
54.0	0.00	0.00	0.00	0.00	0.00
54.5	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

55.0	0.00	0.00	0.00	0.00	0.00
55.5	0.00	0.00	0.00	0.00	0.00
56.0	0.00	0.00	0.00	0.00	0.00
56.5	0.00	0.00	0.00	0.00	0.00
57.0	0.00	0.00	0.00	0.00	0.00
57.5	0.00	0.00	0.00	0.00	0.00
58.0	0.00	0.00	0.00	0.00	0.00
58.5	0.00	0.00	0.00	0.00	0.00
59.0	0.00	0.00	0.00	0.00	0.00
59.5	0.00	0.00	0.00	0.00	0.00
60.0	0.00	0.00	0.00	0.00	0.00
60.5	0.00	0.00	0.00	0.00	0.00
61.0	0.00	0.00	0.00	0.00	0.00
61.5	0.00	0.00	0.00	0.00	0.00
62.0	0.00	0.00	0.00	0.00	0.00
62.5	0.00	0.00	0.00	0.00	0.00
63.0	0.00	0.00	0.00	0.00	0.00
63.5	0.00	0.00	0.00	0.00	0.00
64.0	0.00	0.00	0.00	0.00	0.00
64.5	0.00	0.00	0.00	0.00	0.00
65.0	0.00	0.00	0.00	0.00	0.00
65.5	0.00	0.00	0.00	0.00	0.00
66.0	0.00	0.00	0.00	0.00	0.00
66.5	0.00	0.00	0.00	0.00	0.00
67.0	0.00	0.00	0.00	0.00	0.00
67.5	0.00	0.00	0.00	0.00	0.00
68.0	0.00	0.00	0.00	0.00	0.00
68.5	0.00	0.00	0.00	0.00	0.00
69.0	0.00	0.00	0.00	0.00	0.00
69.5	0.00	0.00	0.00	0.00	0.00
70.0	0.00	0.00	0.00	0.00	0.00
70.5	0.00	0.00	0.00	0.00	0.00
71.0	0.00	0.00	0.00	0.00	0.00
71.5	0.00	0.00	0.00	0.00	0.00
72.0	0.00	0.00	0.00	0.00	0.00
72.5	0.00	0.00	0.00	0.00	0.00
73.0	0.00	0.00	0.00	0.00	0.00
73.5	0.00	0.00	0.00	0.00	0.00
74.0	0.00	0.00	0.00	0.00	0.00
74.5	0.00	0.00	0.00	0.00	0.00
75.0	0.00	0.00	0.00	0.00	0.00
75.5	0.00	0.00	0.00	0.00	0.00
76.0	0.00	0.00	0.00	0.00	0.00
76.5	0.00	0.00	0.00	0.00	0.00
77.0	0.00	0.00	0.00	0.00	0.00
77.5	0.00	0.00	0.00	0.00	0.00
78.0	0.00	0.00	0.00	0.00	0.00
78.5	0.00	0.00	0.00	0.00	0.00
79.0	0.00	0.00	0.00	0.00	0.00
79.5	0.00	0.00	0.00	0.00	0.00
80.0	0.00	0.00	0.00	0.00	0.00
80.5	0.00	0.00	0.00	0.00	0.00
81.0	0.00	0.00	0.00	0.00	0.00
81.5	0.00	0.00	0.00	0.00	0.00
82.0	0.00	0.00	0.00	0.00	0.00
82.5	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

83.0	0.00	0.00	0.00	0.00	0.00
83.5	0.00	0.00	0.00	0.00	0.00
84.0	0.00	0.00	0.00	0.00	0.00
84.5	0.00	0.00	0.00	0.00	0.00
85.0	0.00	0.00	0.00	0.00	0.00
85.5	0.00	0.00	0.00	0.00	0.00
86.0	0.00	0.00	0.00	0.00	0.00
86.5	0.00	0.00	0.00	0.00	0.00
87.0	0.00	0.00	0.00	0.00	0.00
87.5	0.00	0.00	0.00	0.00	0.00
88.0	0.00	0.00	0.00	0.00	0.00
88.5	0.00	0.00	0.00	0.00	0.00
89.0	0.00	0.00	0.00	0.00	0.00
89.5	0.00	0.00	0.00	0.00	0.00
90.0	6.39	27.90	52.65	7.74	3.78
90.5	13.14	42.39	78.21	11.16	5.31
91.0	24.48	60.93	106.83	14.49	6.93
91.5	38.43	83.79	140.49	18.09	8.82
92.0	54.09	112.05	178.38	22.86	11.07
92.5	70.83	145.35	217.35	28.53	13.95
93.0	89.01	183.60	255.24	34.83	17.19
93.5	108.99	226.44	290.52	41.31	20.34
94.0	131.94	274.59	321.93	46.98	23.76
94.5	158.04	329.04	348.93	52.38	27.27
95.0	188.28	390.60	370.89	57.69	31.05
95.5	223.47	461.07	388.71	63.36	34.65
96.0	263.97	540.90	402.75	69.30	38.61
96.5	311.40	629.19	412.65	74.88	42.75
97.0	365.94	726.12	418.14	80.46	46.71
97.5	430.38	830.16	419.85	86.40	50.85
98.0	507.51	939.60	418.77	92.34	55.08
98.5	599.76	1053.00	415.71	98.28	59.49
99.0	706.95	1165.50	411.12	104.49	63.90
99.5	829.53	1272.60	405.36	111.06	68.40
100.0	963.00	1368.90	398.70	118.17	72.90
100.5	1107.00	1448.10	391.95	124.83	77.67
101.0	1256.40	1508.40	385.92	130.86	81.72
101.5	1406.70	1548.90	380.52	137.25	86.58
102.0	1541.70	1567.80	376.29	144.09	91.44
102.5	1648.80	1567.80	373.41	150.84	96.21
103.0	1724.40	1551.60	372.06	157.14	101.07
103.5	1765.80	1521.90	371.97	163.35	105.75
104.0	1780.20	1485.00	373.14	169.56	110.61
104.5	1774.80	1445.40	375.30	175.59	115.47
105.0	1758.60	1404.90	378.00	181.71	120.33
105.5	1735.20	1367.10	381.51	187.74	125.55
106.0	1707.30	1332.00	385.38	193.77	130.32
106.5	1680.30	1300.50	390.06	199.71	135.27
107.0	1652.40	1273.50	396.18	206.10	140.31
107.5	1627.20	1246.50	402.66	212.22	145.44
108.0	1602.00	1226.70	408.96	218.25	150.48
108.5	1575.90	1206.90	415.62	224.46	155.52
109.0	1552.50	1190.70	422.46	230.85	160.56
109.5	1529.10	1177.20	429.57	237.06	165.69
110.0	1507.50	1163.70	437.76	243.36	170.91
110.5	1486.80	1152.00	445.86	249.57	176.04

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CANDELA TABULATION - (Cont.)

111.0	1468.80	1142.10	453.51	255.96	181.08
111.5	1452.60	1134.00	460.53	262.26	186.30
112.0	1436.40	1125.90	467.37	268.83	191.70
112.5	1422.90	1119.60	474.39	275.31	197.01
113.0	1408.50	1114.20	481.23	281.88	202.14
113.5	1396.80	1110.60	487.80	288.45	207.81
114.0	1386.00	1106.10	494.28	294.93	213.12
114.5	1376.10	1103.40	500.58	301.50	218.70
115.0	1368.00	1100.70	506.88	308.07	223.92
115.5	1361.70	1100.70	513.36	314.64	229.41
116.0	1355.40	1098.90	519.75	320.94	234.90
116.5	1351.80	1097.10	526.14	327.33	240.39
117.0	1349.10	1096.20	532.53	333.63	245.88
117.5	1343.70	1094.40	538.74	339.93	251.19
118.0	1340.10	1091.70	545.13	345.96	256.86
118.5	1336.50	1089.90	551.43	352.26	262.35
119.0	1332.00	1089.00	557.73	358.29	268.11
119.5	1328.40	1086.30	563.85	364.14	273.78
120.0	1324.80	1083.60	569.97	369.99	279.27
120.5	1320.30	1082.70	576.00	375.75	285.03
121.0	1315.80	1080.00	581.67	381.42	290.43
121.5	1312.20	1077.30	587.34	386.91	296.19
122.0	1307.70	1075.50	592.92	392.49	301.77
122.5	1301.40	1073.70	598.41	397.80	307.35
123.0	1296.90	1071.90	603.63	403.02	312.93
123.5	1292.40	1068.30	608.67	408.24	318.60
124.0	1287.00	1065.60	613.71	413.55	324.00
124.5	1282.50	1063.80	618.57	418.59	329.67
125.0	1276.20	1062.00	623.07	423.63	335.25
125.5	1270.80	1058.40	627.75	428.76	340.74
126.0	1265.40	1056.60	632.25	433.62	346.32
126.5	1260.90	1053.90	636.48	438.57	351.90
127.0	1254.60	1051.20	640.44	443.52	357.39
127.5	1249.20	1048.50	644.31	448.38	362.88
128.0	1243.80	1044.90	648.00	453.24	368.46
128.5	1238.40	1042.20	651.51	457.92	373.86
129.0	1232.10	1039.50	655.20	462.60	379.44
129.5	1225.80	1035.90	658.53	467.28	384.84
130.0	1219.50	1031.40	661.77	471.78	390.15
130.5	1214.10	1027.80	664.83	476.46	395.73
131.0	1208.70	1023.30	667.89	480.78	401.40
131.5	1201.50	1019.70	670.68	485.10	406.89
132.0	1195.20	1014.30	673.47	489.33	412.20
132.5	1188.90	1009.80	676.17	493.56	417.33
133.0	1180.80	1004.40	678.69	497.61	422.64
133.5	1174.50	999.90	681.30	501.75	427.50
134.0	1167.30	995.40	683.73	505.62	432.36
134.5	1159.20	989.10	685.80	509.49	437.04
135.0	1152.00	983.70	687.78	513.36	441.81
135.5	1143.00	978.30	689.94	517.14	446.67
136.0	1136.70	972.00	691.74	520.92	451.53
136.5	1127.70	965.70	693.81	524.61	456.30
137.0	1118.70	961.20	695.61	528.30	460.89
137.5	1108.80	955.80	697.23	531.99	465.48
138.0	1100.70	950.40	698.76	535.59	470.16
138.5	1090.80	945.00	700.29	539.19	474.84

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CANDELA TABULATION - (Cont.)

139.0	1081.80	939.60	701.73	542.61	479.25
139.5	1072.80	935.10	703.26	546.12	483.48
140.0	1062.90	928.80	704.70	549.63	487.71
140.5	1053.00	922.50	705.96	553.05	491.94
141.0	1043.10	917.10	707.04	556.38	495.90
141.5	1032.30	910.80	708.21	559.80	500.04
142.0	1024.20	905.40	709.20	563.13	504.00
142.5	1013.40	899.37	710.01	566.37	507.96
143.0	1003.50	893.61	710.91	569.52	512.46
143.5	993.60	888.03	711.72	572.76	516.96
144.0	983.70	882.54	712.26	575.82	521.19
144.5	972.90	877.32	712.71	578.97	525.51
145.0	964.80	872.10	713.34	581.76	529.47
145.5	956.70	866.88	713.88	585.09	533.70
146.0	948.60	861.66	714.24	587.88	538.11
146.5	940.50	856.71	714.42	590.49	542.43
147.0	933.30	851.85	714.87	593.37	546.75
147.5	924.30	847.08	715.05	596.07	550.71
148.0	917.10	842.58	715.05	598.77	554.58
148.5	909.00	837.99	715.14	601.38	558.45
149.0	901.80	833.58	715.05	604.08	562.32
149.5	894.42	829.35	714.96	606.69	566.10
150.0	887.67	825.03	714.60	609.39	569.97
150.5	880.83	821.07	714.33	611.91	573.75
151.0	874.62	817.20	714.15	614.52	577.17
151.5	868.50	813.24	713.88	616.95	580.77
152.0	862.83	809.73	713.79	619.56	584.46
152.5	857.16	806.04	713.43	622.35	588.42
153.0	851.94	802.62	713.07	624.87	591.93
153.5	846.72	799.29	712.89	627.39	595.35
154.0	841.50	795.87	712.71	630.00	598.77
154.5	836.91	792.54	712.53	632.34	602.28
155.0	832.14	789.48	712.26	634.86	605.79
155.5	827.64	786.24	711.90	637.38	609.30
156.0	823.32	783.09	711.45	640.08	612.36
156.5	819.27	780.12	711.18	642.69	615.60
157.0	815.13	777.15	710.91	645.21	619.02
157.5	811.17	774.27	710.28	647.64	622.26
158.0	807.48	771.48	709.83	650.07	625.68
158.5	803.79	768.69	709.47	652.50	628.74
159.0	800.01	765.99	709.02	654.66	631.53
159.5	796.41	763.20	708.84	656.91	634.50
160.0	792.90	760.68	708.57	659.25	637.56
160.5	789.21	758.25	708.21	661.59	640.62
161.0	785.61	755.73	708.12	663.66	643.68
161.5	782.01	753.21	707.94	665.82	646.47
162.0	778.77	750.78	707.85	667.98	649.44
162.5	774.99	748.35	707.49	669.96	652.14
163.0	771.30	745.74	707.13	671.94	654.75
163.5	767.70	743.40	706.77	673.74	657.27
164.0	764.19	740.97	706.41	675.45	659.70
164.5	760.59	738.63	706.14	677.34	662.13
165.0	757.26	736.20	705.96	679.14	664.74
165.5	754.02	733.95	705.69	680.76	667.35
166.0	750.87	731.52	705.51	682.38	669.87
166.5	747.81	729.36	705.24	684.09	672.12

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CANDELA TABULATION - (Cont.)

167.0	744.66	727.20	704.97	685.71	674.28
167.5	741.87	725.13	704.70	687.33	676.26
168.0	738.90	723.06	704.43	688.86	678.24
168.5	736.11	721.26	704.16	690.39	680.31
169.0	733.86	719.46	704.07	691.83	682.29
169.5	731.43	717.93	704.16	693.18	684.18
170.0	729.27	716.40	704.25	694.44	685.98
170.5	727.20	714.96	704.16	695.88	687.60
171.0	725.40	713.88	704.25	697.05	689.31
171.5	723.78	712.71	704.34	698.13	690.84
172.0	722.16	711.54	704.43	699.21	692.28
172.5	720.90	710.73	704.43	700.29	693.99
173.0	719.64	709.83	704.52	701.19	695.43
173.5	718.56	709.20	704.79	702.09	696.60
174.0	717.84	708.57	704.97	702.90	697.77
174.5	717.03	708.12	705.24	703.62	698.76
175.0	716.49	707.58	705.33	704.25	699.57
175.5	716.13	707.40	705.42	704.97	700.47
176.0	715.86	707.13	705.69	705.78	701.19
176.5	715.59	706.95	705.87	706.41	702.00
177.0	715.23	706.95	706.05	706.86	702.36
177.5	715.14	706.77	706.23	707.31	702.90
178.0	715.05	706.59	706.59	707.67	703.53
178.5	714.87	706.59	706.68	708.03	703.98
179.0	714.96	706.50	706.77	708.21	704.25
179.5	714.87	706.59	706.77	708.21	704.34
180.0	707.85	707.85	707.85	707.85	707.85

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	0.64	N.A.	0.00
10-90	0.64	N.A.	0.00
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	0.64	N.A.	0.00
90-110	1023.83	N.A.	25.70
90-120	1700.44	N.A.	42.70
90-130	2352.61	N.A.	59.00
90-150	3387.1	N.A.	85.00
90-180	3986.07	N.A.	100.00
110-180	2962.24	N.A.	74.30
0-180	3986.71	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	0.64
90-100	281.45
100-110	742.38
110-120	676.61
120-130	652.17
130-140	576.24
140-150	458.26
150-160	330.74
160-170	200.83
170-180	67.40

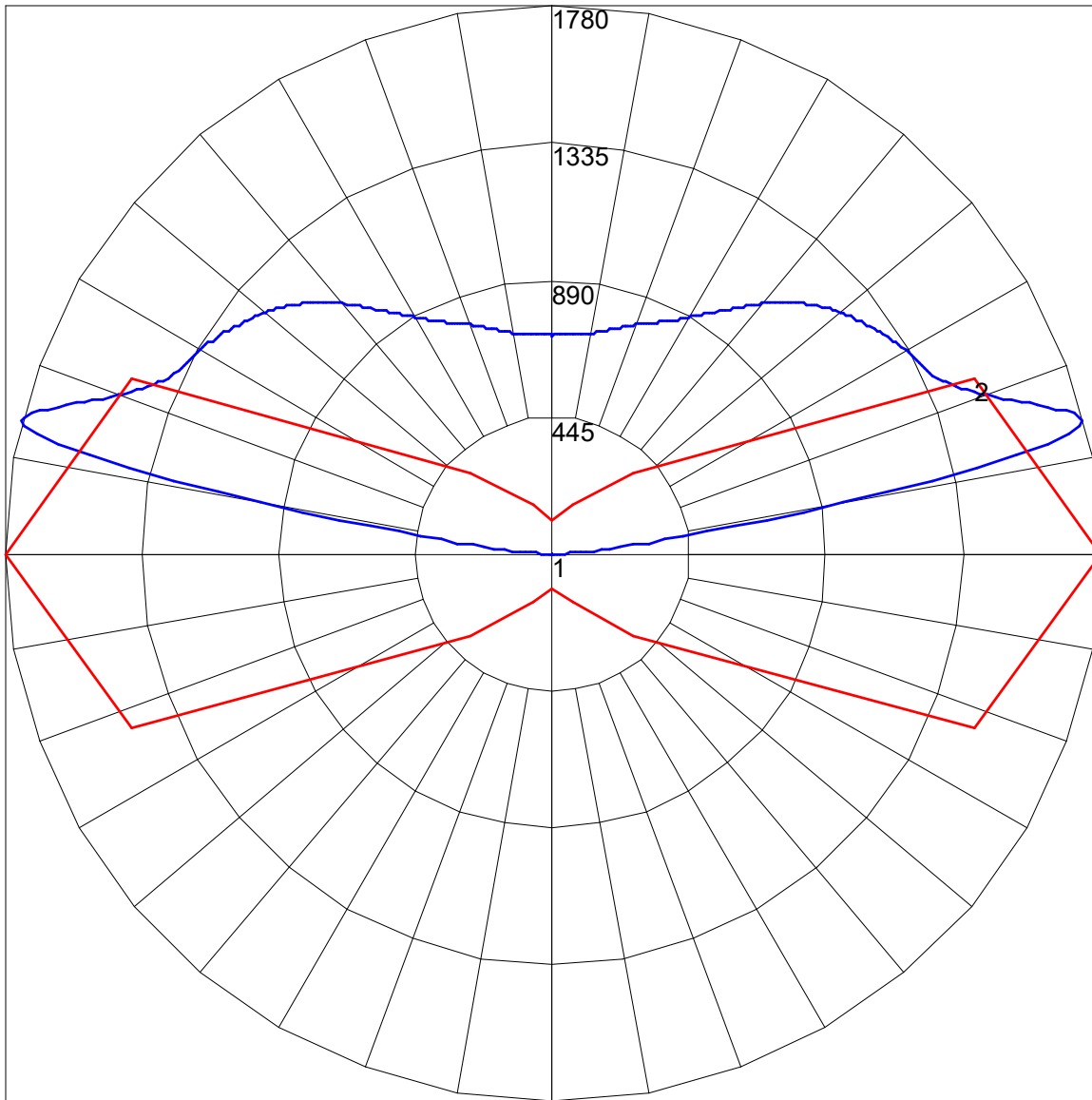
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	27	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 1780.2 Located At Horizontal Angle = 0, Vertical Angle = 104
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (104) (Through Max. Cd.)