



IES INDOOR REPORT

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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 11476049.08
 [TESTLAB] .
 [ISSUE DATE]
 [MANUFAC] Prudential Lighting Corp
 [LUMCAT] Bio2-LIN-LED35-LO-CW
 [LUMINAIRE] Rectangular formed grey aluminum housing
 [LAMP] 120 White LEDs with four (4) rectangular optics
 [BALLAST] One (1) OSRAM Optotronic

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1857
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	116
Total Luminaire Watts	16
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	0.000	0.000	0.000	0.000	0.000
0.5	0.000	0.000	0.000	0.000	0.000
1.0	0.000	0.000	0.000	0.000	0.000
1.5	0.000	0.000	0.000	0.000	0.000
2.0	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000
3.0	0.000	0.000	0.000	0.000	0.000
3.5	0.000	0.000	0.000	0.000	0.000
4.0	0.000	0.000	0.000	0.000	0.000
4.5	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000
5.5	0.000	0.000	0.000	0.000	0.000
6.0	0.000	0.000	0.000	0.000	0.000
6.5	0.000	0.000	0.000	0.000	0.000
7.0	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000
8.0	0.000	0.000	0.000	0.000	0.000
8.5	0.000	0.000	0.000	0.000	0.000
9.0	0.000	0.000	0.000	0.000	0.000
9.5	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000
10.5	0.000	0.000	0.000	0.000	0.000
11.0	0.000	0.000	0.000	0.000	0.000
11.5	0.000	0.000	0.000	0.000	0.000
12.0	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000
13.0	0.000	0.000	0.000	0.000	0.000
13.5	0.000	0.000	0.000	0.000	0.000
14.0	0.000	0.000	0.000	0.000	0.000
14.5	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000
15.5	0.000	0.000	0.000	0.000	0.000
16.0	0.000	0.000	0.000	0.000	0.000
16.5	0.000	0.000	0.000	0.000	0.000
17.0	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000
18.0	0.000	0.000	0.000	0.000	0.000
18.5	0.000	0.000	0.000	0.000	0.000
19.0	0.000	0.000	0.000	0.000	0.000
19.5	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000
20.5	0.000	0.000	0.000	0.000	0.000
21.0	0.000	0.000	0.000	0.000	0.000
21.5	0.000	0.000	0.000	0.000	0.000
22.0	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000
23.0	0.000	0.000	0.000	0.000	0.000
23.5	0.000	0.000	0.000	0.000	0.000
24.0	0.000	0.000	0.000	0.000	0.000
24.5	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000
25.5	0.000	0.000	0.000	0.000	0.000
26.0	0.000	0.000	0.000	0.000	0.000
26.5	0.000	0.000	0.000	0.000	0.000

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

CANDELA TABULATION - (Cont.)

27.0	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000
28.0	0.000	0.000	0.000	0.000	0.000
28.5	0.000	0.000	0.000	0.000	0.000
29.0	0.000	0.000	0.000	0.000	0.000
29.5	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000
30.5	0.000	0.000	0.000	0.000	0.000
31.0	0.000	0.000	0.000	0.000	0.000
31.5	0.000	0.000	0.000	0.000	0.000
32.0	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000
33.0	0.000	0.000	0.000	0.000	0.000
33.5	0.000	0.000	0.000	0.000	0.000
34.0	0.000	0.000	0.000	0.000	0.000
34.5	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000
35.5	0.000	0.000	0.000	0.000	0.000
36.0	0.000	0.000	0.000	0.000	0.000
36.5	0.000	0.000	0.000	0.000	0.000
37.0	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000
38.0	0.000	0.000	0.000	0.000	0.000
38.5	0.000	0.000	0.000	0.000	0.000
39.0	0.000	0.000	0.000	0.000	0.000
39.5	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000
40.5	0.000	0.000	0.000	0.000	0.000
41.0	0.000	0.000	0.000	0.000	0.000
41.5	0.000	0.000	0.000	0.000	0.000
42.0	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000
43.0	0.000	0.000	0.000	0.000	0.000
43.5	0.000	0.000	0.000	0.000	0.000
44.0	0.000	0.000	0.000	0.000	0.000
44.5	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000
45.5	0.000	0.000	0.000	0.000	0.000
46.0	0.000	0.000	0.000	0.000	0.000
46.5	0.000	0.000	0.000	0.000	0.000
47.0	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000
48.0	0.000	0.000	0.000	0.000	0.000
48.5	0.000	0.000	0.000	0.000	0.000
49.0	0.000	0.000	0.000	0.000	0.000
49.5	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000
50.5	0.000	0.000	0.000	0.000	0.000
51.0	0.000	0.000	0.000	0.000	0.000
51.5	0.000	0.000	0.000	0.000	0.000
52.0	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000
53.0	0.000	0.000	0.000	0.000	0.000
53.5	0.000	0.000	0.000	0.000	0.000
54.0	0.000	0.000	0.000	0.000	0.000
54.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

55.0	0.000	0.000	0.000	0.000	0.000
55.5	0.000	0.000	0.000	0.000	0.000
56.0	0.000	0.000	0.000	0.000	0.000
56.5	0.000	0.000	0.000	0.000	0.000
57.0	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000
58.0	0.000	0.000	0.000	0.000	0.000
58.5	0.000	0.000	0.000	0.000	0.000
59.0	0.000	0.000	0.000	0.000	0.000
59.5	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000
60.5	0.000	0.000	0.000	0.000	0.000
61.0	0.000	0.000	0.000	0.000	0.000
61.5	0.000	0.000	0.000	0.000	0.000
62.0	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000
63.0	0.000	0.000	0.000	0.000	0.000
63.5	0.000	0.000	0.000	0.000	0.000
64.0	0.000	0.000	0.000	0.000	0.000
64.5	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000
65.5	0.000	0.000	0.000	0.000	0.000
66.0	0.000	0.000	0.000	0.000	0.000
66.5	0.000	0.000	0.000	0.000	0.000
67.0	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000
68.0	0.000	0.000	0.000	0.000	0.000
68.5	0.000	0.000	0.000	0.000	0.000
69.0	0.000	0.000	0.000	0.000	0.000
69.5	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000
70.5	0.000	0.000	0.000	0.000	0.000
71.0	0.000	0.000	0.000	0.000	0.000
71.5	0.000	0.000	0.000	0.000	0.000
72.0	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000
73.0	0.000	0.000	0.000	0.000	0.000
73.5	0.000	0.000	0.000	0.000	0.000
74.0	0.000	0.000	0.000	0.000	0.000
74.5	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000
75.5	0.000	0.000	0.000	0.000	0.000
76.0	0.000	0.000	0.000	0.000	0.000
76.5	0.000	0.000	0.000	0.000	0.000
77.0	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000
78.0	0.000	0.000	0.000	0.000	0.000
78.5	0.000	0.000	0.000	0.000	0.000
79.0	0.000	0.000	0.000	0.000	0.000
79.5	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000
80.5	0.000	0.000	0.000	0.000	0.000
81.0	0.000	0.000	0.000	0.000	0.000
81.5	0.000	0.000	0.000	0.000	0.000
82.0	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

83.0	0.000	0.000	0.000	0.000	0.000
83.5	0.000	0.000	0.000	0.000	0.000
84.0	0.000	0.000	0.000	0.000	0.000
84.5	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000
85.5	0.000	0.000	0.000	0.000	0.000
86.0	0.000	0.000	0.000	0.000	0.000
86.5	0.000	0.000	0.000	0.000	0.000
87.0	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000
88.0	0.000	0.000	0.000	0.000	0.000
88.5	0.000	0.000	0.000	0.000	0.000
89.0	0.000	0.000	0.000	0.000	0.000
89.5	0.000	0.000	0.000	0.000	0.000
90.0	2.061	10.422	17.901	3.294	1.611
90.5	4.644	17.460	28.359	4.869	2.331
91.0	10.143	27.009	40.248	6.390	3.069
91.5	17.271	38.646	54.441	8.073	3.951
92.0	25.443	52.767	70.362	10.332	5.049
92.5	34.119	69.876	87.489	12.951	6.390
93.0	43.407	88.974	103.770	15.840	7.893
93.5	53.586	110.880	118.530	18.711	9.450
94.0	65.178	135.270	131.850	21.285	11.106
94.5	78.408	162.540	143.100	23.679	12.789
95.0	93.510	193.770	152.010	26.163	14.535
95.5	110.970	229.050	159.120	28.863	16.362
96.0	131.850	268.650	164.880	31.671	18.225
96.5	156.330	312.480	169.020	34.389	20.142
97.0	184.500	360.900	171.900	37.044	22.104
97.5	217.710	411.840	173.340	39.816	24.093
98.0	257.040	464.220	173.520	42.660	26.127
98.5	303.930	516.510	172.980	45.486	28.188
99.0	358.920	566.460	171.810	48.456	30.312
99.5	421.380	611.730	170.370	51.687	32.454
100.0	488.160	649.260	168.750	55.116	34.614
100.5	557.280	677.430	167.040	58.392	36.810
101.0	625.590	694.980	165.690	61.362	39.015
101.5	690.030	702.810	164.520	64.404	41.229
102.0	743.760	701.730	163.980	67.815	43.488
102.5	782.010	693.450	163.890	71.055	45.738
103.0	802.170	679.770	164.250	74.133	48.033
103.5	808.650	663.210	165.060	77.130	50.355
104.0	806.040	645.570	166.320	80.064	52.650
104.5	797.760	628.380	168.120	82.953	54.972
105.0	786.600	612.360	170.190	85.608	57.312
105.5	774.180	597.690	172.260	88.524	59.634
106.0	762.030	585.090	174.690	91.530	62.019
106.5	750.150	574.110	177.120	94.410	64.377
107.0	738.900	563.760	179.910	97.380	66.762
107.5	728.100	554.490	183.240	100.350	69.138
108.0	717.660	546.840	186.660	103.230	71.550
108.5	707.580	540.270	190.350	106.110	73.962
109.0	697.950	534.420	193.770	109.080	76.392
109.5	688.770	529.380	197.190	112.050	78.795
110.0	680.220	524.880	201.060	114.930	81.261
110.5	672.480	521.190	205.290	117.990	83.727

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CANDELA TABULATION - (Cont.)

111.0	665.460	517.770	209.250	121.050	86.004
111.5	659.160	514.710	212.760	124.200	88.452
112.0	653.580	512.010	216.270	127.260	90.900
112.5	648.270	509.670	219.690	130.410	93.420
113.0	643.230	507.960	223.020	133.470	95.940
113.5	638.730	506.610	226.260	136.530	98.550
114.0	634.500	505.620	229.500	139.680	101.160
114.5	630.900	504.900	232.650	142.830	103.410
115.0	627.750	504.540	235.800	145.980	106.020
115.5	625.050	504.540	238.950	149.040	108.630
116.0	623.340	504.540	242.100	152.100	111.330
116.5	622.080	504.360	245.160	155.070	114.030
117.0	621.090	504.090	248.310	158.040	116.460
117.5	619.740	503.640	251.460	161.010	119.070
118.0	618.480	503.100	254.430	163.980	121.680
118.5	617.130	502.650	257.580	166.950	124.290
119.0	615.780	502.110	260.550	169.830	126.990
119.5	614.430	501.480	263.610	172.530	129.780
120.0	612.900	500.760	266.490	175.320	132.300
120.5	611.280	500.130	269.460	178.110	135.000
121.0	609.570	499.410	272.250	180.720	137.790
121.5	607.680	498.870	275.040	183.330	140.490
122.0	605.700	498.150	277.830	186.030	143.190
122.5	603.720	497.520	280.350	188.460	145.980
123.0	601.650	496.710	282.960	190.980	148.680
123.5	599.490	495.900	285.390	193.500	151.380
124.0	597.240	495.000	287.820	195.930	153.990
124.5	594.810	494.190	290.250	198.360	156.690
125.0	592.740	493.200	292.590	200.880	159.390
125.5	590.400	492.300	294.750	203.400	162.000
126.0	588.060	491.400	296.820	205.650	164.790
126.5	585.900	490.410	298.980	208.080	167.490
127.0	583.470	489.510	300.870	210.330	170.010
127.5	581.130	488.520	302.760	212.670	172.800
128.0	578.790	487.350	304.560	214.920	175.410
128.5	576.270	486.000	306.450	217.260	177.930
129.0	574.020	484.650	308.070	219.510	180.720
129.5	571.410	483.120	309.780	221.670	183.240
130.0	568.800	481.500	311.310	223.830	185.940
130.5	566.010	479.790	312.840	226.080	188.550
131.0	563.040	477.990	314.370	228.150	191.340
131.5	560.250	476.280	315.720	230.310	194.040
132.0	557.280	474.390	317.160	232.470	196.740
132.5	554.220	472.410	318.510	234.450	199.260
133.0	551.160	470.160	319.770	236.430	201.780
133.5	547.920	467.820	321.030	238.410	204.210
134.0	544.590	465.480	322.200	240.300	206.640
134.5	541.170	463.140	323.370	242.190	208.890
135.0	537.930	460.710	324.540	244.080	211.230
135.5	534.330	458.100	325.530	245.970	213.570
136.0	530.730	455.580	326.610	247.770	215.820
136.5	526.860	452.970	327.510	249.750	218.160
137.0	523.080	450.450	328.410	251.460	220.500
137.5	519.120	447.930	329.400	253.170	222.840
138.0	514.980	445.230	330.210	254.880	224.910
138.5	510.840	442.620	331.110	256.680	227.160

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CANDELA TABULATION - (Cont.)

139.0	506.610	439.830	331.830	258.390	229.410
139.5	502.380	437.310	332.640	260.190	231.570
140.0	497.970	434.430	333.360	261.990	233.460
140.5	493.740	432.000	334.080	263.520	235.440
141.0	489.240	429.480	334.710	265.140	237.510
141.5	484.920	426.690	335.250	266.850	239.580
142.0	480.510	424.080	335.700	268.470	241.470
142.5	476.280	421.740	336.330	270.090	243.630
143.0	472.050	419.310	336.690	271.530	245.610
143.5	467.730	417.330	337.230	273.240	247.770
144.0	463.590	414.900	337.590	274.770	249.840
144.5	459.450	412.470	337.950	276.390	251.820
145.0	455.310	410.310	338.220	277.830	253.890
145.5	451.170	408.060	338.400	279.180	255.780
146.0	447.210	405.180	338.760	280.620	257.760
146.5	443.610	403.380	339.030	282.150	259.740
147.0	439.740	402.210	339.120	283.500	261.720
147.5	436.140	399.960	339.300	284.760	263.700
148.0	432.540	397.800	339.300	286.110	265.500
148.5	429.210	395.820	339.480	287.280	267.390
149.0	426.060	394.380	339.570	288.630	269.280
149.5	422.550	392.850	339.660	289.800	270.990
150.0	420.300	390.870	339.570	290.970	272.880
150.5	417.240	388.890	339.480	292.140	274.770
151.0	414.270	387.180	339.480	293.400	276.390
151.5	412.020	385.740	339.390	294.660	278.100
152.0	408.510	383.940	339.300	295.920	279.810
152.5	405.900	382.320	339.210	297.090	281.610
153.0	403.920	380.790	339.120	298.260	283.320
153.5	401.490	379.530	339.210	299.610	284.940
154.0	399.870	377.910	339.030	300.690	286.560
154.5	398.070	376.470	338.940	301.950	288.180
155.0	395.460	374.940	338.850	303.120	289.800
155.5	393.030	373.500	338.760	304.380	291.420
156.0	391.410	372.150	338.760	305.550	293.040
156.5	389.790	370.890	338.580	306.720	294.480
157.0	387.540	369.450	338.400	307.890	296.190
157.5	385.830	368.280	338.310	309.060	297.810
158.0	384.120	367.020	338.310	310.230	299.340
158.5	382.320	365.670	338.220	311.400	300.870
159.0	380.790	364.410	338.040	312.570	302.130
159.5	379.080	363.240	337.950	313.650	303.570
160.0	377.460	361.980	337.770	314.820	304.830
160.5	376.020	360.900	337.590	315.900	306.360
161.0	374.580	359.730	337.500	316.890	307.710
161.5	372.960	358.560	337.410	317.970	309.060
162.0	371.340	357.390	337.410	319.050	310.410
162.5	369.630	356.310	337.410	319.950	311.760
163.0	368.190	355.140	337.320	320.850	312.930
163.5	366.660	353.970	337.140	321.840	314.100
164.0	364.950	352.980	337.050	322.740	315.270
164.5	363.420	351.810	337.050	323.640	316.440
165.0	361.890	350.820	336.870	324.540	317.700
165.5	360.450	349.740	336.870	325.350	319.050
166.0	359.010	348.840	336.780	326.070	319.950
166.5	357.480	347.850	336.690	326.790	321.300

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CANDELA TABULATION - (Cont.)

167.0	356.040	346.950	336.600	327.510	322.290
167.5	354.600	346.050	336.510	328.230	323.280
168.0	353.340	345.060	336.420	329.040	324.090
168.5	351.990	344.160	336.420	329.760	324.990
169.0	350.820	343.260	336.240	330.480	325.980
169.5	349.830	342.720	336.240	331.110	326.790
170.0	348.840	341.910	336.150	331.650	327.780
170.5	347.850	341.370	336.240	332.280	328.500
171.0	347.040	340.650	336.330	332.910	329.220
171.5	346.320	340.200	336.330	333.450	329.850
172.0	345.510	339.660	336.420	333.900	330.660
172.5	344.970	339.210	336.510	334.350	331.290
173.0	344.250	338.940	336.600	334.890	332.010
173.5	343.890	338.580	336.600	335.250	332.730
174.0	343.440	338.310	336.780	335.610	333.180
174.5	343.080	338.130	336.870	336.060	333.720
175.0	342.630	337.860	336.870	336.330	334.260
175.5	342.360	337.680	337.050	336.600	334.620
176.0	342.180	337.590	337.050	336.870	335.070
176.5	342.180	337.680	337.140	337.140	335.430
177.0	342.000	337.500	337.230	337.410	335.610
177.5	342.000	337.410	337.230	337.590	335.970
178.0	341.910	337.320	337.410	337.860	336.150
178.5	341.820	337.500	337.500	337.950	336.420
179.0	341.820	337.410	337.500	338.040	336.330
179.5	341.820	337.410	337.590	338.130	336.600
180.0	338.130	338.130	338.130	338.130	338.130

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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	0.23	N.A.	0.00
10-90	0.23	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	0.23	N.A.	0.00
90-110	466.39	N.A.	25.10
90-120	778.65	N.A.	41.90
90-130	1083.54	N.A.	58.30
90-150	1571.74	N.A.	84.60
90-180	1857.23	N.A.	100.00
110-180	1390.84	N.A.	74.90
0-180	1857.46	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	0.23
90-100	130.80
100-110	335.59
110-120	312.25
120-130	304.90
130-140	271.21
140-150	216.98
150-160	157.45
160-170	95.84
170-180	32.19

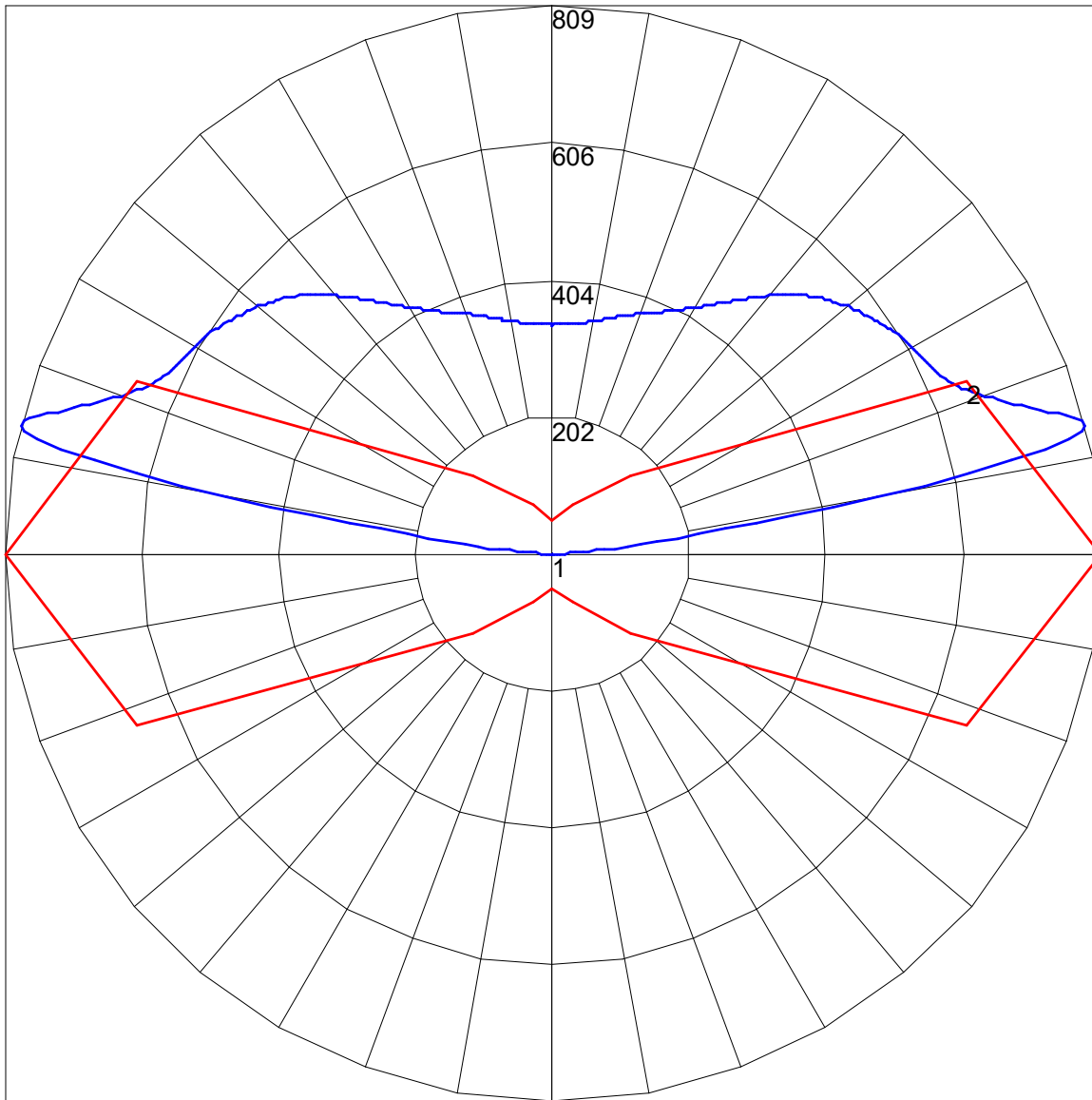
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	28	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 = 808.65 Located At Horizontal Angle = 0, Vertical Angle = 103.5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (103.5) (Through Max. Cd.)