IES INDOOR REPORT
PHOTOMETRIC FILENAME : BPRO2-LED35-LO-NW-SYM-ADC.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 104503052LAX-001
[TESTLAB] INTERTEK
[ISSUEDATE] 11-06-2020
[MANUFAC] PRUDENTIAL LIGHTING
[LUMCAT] BPRO2-LED35-LO-NW-SYM-ADC

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2381
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	132
Total Luminaire Watts	18
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)	0.17 ft
Luminous Width (90-270)	4.08 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

	0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

27.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54.5	0.000	0.000	0.000	0.000	0.000	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	0.000	0.000	0.000	0.000	0.000
55.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
68.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
68.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
81.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
81.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	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	0.000	0.000	0.000	0.000	0.000
83.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
84.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
84.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
86.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
86.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
88.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
88.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
89.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
89.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.5	2.640	3.575	4.015	4.015	3.630	4.015	4.015	3.575	2.640	3.575
91.0	5.500	6.105	6.710	6.765	6.545	6.765	6.710	6.105	5.500	6.105
91.5	8.745	9.185	9.900	10.120	10.175	10.120	9.900	9.185	8.745	9.185
92.0	12.100	12.595	13.365	13.585	13.860	13.585	13.365	12.595	12.100	12.595
92.5	15.510	16.005	16.885	17.215	17.765	17.215	16.885	16.005	15.510	16.005
93.0	19.030	19.580	20.515	20.955	21.670	20.955	20.515	19.580	19.030	19.580
93.5	22.605	23.155	24.200	24.805	25.685	24.805	24.200	23.155	22.605	23.155
94.0	26.235	26.840	27.995	28.765	29.755	28.765	27.995	26.840	26.235	26.840
94.5	29.920	30.580	31.845	32.835	33.935	32.835	31.845	30.580	29.920	30.580
95.0	33.715	34.375	35.805	36.960	38.115	36.960	35.805	34.375	33.715	34.375
95.5	37.565	38.280	39.875	41.140	42.405	41.140	39.875	38.280	37.565	38.280
96.0	41.470	42.240	43.945	45.485	46.860	45.485	43.945	42.240	41.470	42.240
96.5	45.485	46.255	48.180	49.830	51.260	49.830	48.180	46.255	45.485	46.255
97.0	49.500	50.325	52.470	54.285	55.880	54.285	52.470	50.325	49.500	50.325
97.5	53.625	54.505	56.760	58.850	60.500	58.850	56.760	54.505	53.625	54.505
98.0	57.750	58.740	61.215	63.470	65.175	63.470	61.215	58.740	57.750	58.740
98.5	62.040	63.085	65.780	68.145	69.960	68.145	65.780	63.085	62.040	63.085
99.0	66.385	67.540	70.400	72.930	74.855	72.930	70.400	67.540	66.385	67.540
99.5	70.730	71.995	75.075	77.770	79.805	77.770	75.075	71.995	70.730	71.995
100.0	75.240	76.560	79.805	82.665	84.810	82.665	79.805	76.560	75.240	76.560
100.5	79.750	81.235	84.645	87.615	89.925	87.615	84.645	81.235	79.750	81.235
101.0	84.480	85.965	89.540	92.730	95.095	92.730	89.540	85.965	84.480	85.965
101.5	89.100	90.750	94.435	97.845	100.320	97.845	94.435	90.750	89.100	90.750
102.0	93.830	95.535	99.440	103.070	105.655	103.070	99.440	95.535	93.830	95.535
102.5	98.615	100.485	104.555	108.295	110.990	108.295	104.555	100.485	98.615	100.485
103.0	103.565	105.435	109.670	113.685	116.435	113.685	109.670	105.435	103.565	105.435
103.5	108.460	110.440	114.675	119.185	121.880	119.185	114.675	110.440	108.460	110.440
104.0	113.465	115.555	119.955	124.685	127.380	124.685	119.955	115.555	113.465	115.555
104.5	118.525	120.670	125.290	130.790	132.990	130.790	125.290	120.670	118.525	120.670
105.0	123.695	125.895	130.735	136.730	138.600	136.730	130.735	125.895	123.695	125.895
105.5	128.920	131.175	136.235	142.285	144.210	142.285	136.235	131.175	128.920	131.175
106.0	134.145	136.510	141.735	147.840	150.040	147.840	141.735	136.510	134.145	136.510
106.5	139.480	141.900	147.345	153.725	155.870	153.725	147.345	141.900	139.480	141.900
107.0	144.925	147.455	153.065	159.720	161.700	159.720	153.065	147.455	144.925	147.455
107.5	150.370	153.010	158.785	165.440	167.640	165.440	158.785	153.010	150.370	153.010
108.0	155.980	158.675	164.560	171.160	173.690	171.160	164.560	158.675	155.980	158.675
108.5	161.535	164.395	170.500	177.265	179.850	177.265	170.500	164.395	161.535	164.395
109.0	167.200	170.170	176.440	183.150	186.065	183.150	176.440	170.170	167.200	170.170
109.5	172.975	176.000	182.490	188.980	192.390	188.980	182.490	176.000	172.975	176.000
110.0	178.695	181.940	188.540	195.030	198.770	195.030	188.540	181.940	178.695	181.940
110.5	184.635	187.825	194.700	201.355	205.205	201.355	194.700	187.825	184.635	187.825

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CANDELA TABULATION - (Cont.)

111.0	190.575	193.875	201.025	207.570	211.805	207.570	201.025	193.875	190.575	193.875
111.5	196.460	199.925	207.460	213.730	218.405	213.730	207.460	199.925	196.460	199.925
112.0	202.620	206.030	214.115	220.165	225.060	220.165	214.115	206.030	202.620	206.030
112.5	208.670	212.190	220.935	226.820	231.715	226.820	220.935	212.190	208.670	212.190
113.0	214.775	218.460	227.865	233.530	238.425	233.530	227.865	218.460	214.775	218.460
113.5	221.045	224.730	234.795	240.185	245.190	240.185	234.795	224.730	221.045	224.730
114.0	227.260	231.110	241.560	246.730	252.010	246.730	241.560	231.110	227.260	231.110
114.5	233.530	237.490	248.380	253.495	258.830	253.495	248.380	237.490	233.530	237.490
115.0	239.855	243.980	255.585	260.205	265.650	260.205	255.585	243.980	239.855	243.980
115.5	246.180	250.635	262.955	266.805	272.525	266.805	262.955	250.635	246.180	250.635
116.0	252.670	257.290	270.325	273.625	279.455	273.625	270.325	257.290	252.670	257.290
116.5	259.105	264.055	277.530	280.500	286.440	280.500	277.530	264.055	259.105	264.055
117.0	265.540	271.095	284.570	287.430	293.480	287.430	284.570	271.095	265.540	271.095
117.5	272.250	278.355	291.665	294.470	300.630	294.470	291.665	278.355	272.250	278.355
118.0	278.960	285.725	298.815	301.510	307.835	301.510	298.815	285.725	278.960	285.725
118.5	285.890	293.040	306.075	308.605	315.040	308.605	306.075	293.040	285.890	293.040
119.0	292.985	300.355	313.225	315.755	322.355	315.755	313.225	300.355	292.985	300.355
119.5	300.410	307.780	320.320	322.905	329.725	322.905	320.320	307.780	300.410	307.780
120.0	308.165	315.315	327.250	330.110	337.150	330.110	327.250	315.315	308.165	315.315
120.5	315.645	323.015	334.180	337.315	344.575	337.315	334.180	323.015	315.645	323.015
121.0	322.960	330.825	341.000	344.575	352.055	344.575	341.000	330.825	322.960	330.825
121.5	330.330	338.965	347.820	351.835	359.535	351.835	347.820	338.965	330.330	338.965
122.0	337.755	347.270	354.750	359.205	367.125	359.205	354.750	347.270	337.755	347.270
122.5	345.565	355.410	361.680	366.520	374.660	366.520	361.680	355.410	345.565	355.410
123.0	353.870	363.440	368.720	373.890	382.140	373.890	368.720	363.440	353.870	363.440
123.5	362.395	371.140	375.870	381.370	389.785	381.370	375.870	371.140	362.395	371.140
124.0	371.085	378.730	383.075	388.850	397.320	388.850	383.075	378.730	371.085	378.730
124.5	379.775	386.100	390.280	396.275	405.130	396.275	390.280	386.100	379.775	386.100
125.0	388.135	393.415	397.595	403.975	412.665	403.975	397.595	393.415	388.135	393.415
125.5	396.275	400.565	404.745	411.675	420.420	411.675	404.745	400.565	396.275	400.565
126.0	404.250	407.770	411.895	419.375	428.065	419.375	411.895	407.770	404.250	407.770
126.5	412.390	414.920	419.155	427.075	435.655	427.075	419.155	414.920	412.390	414.920
127.0	419.925	421.905	426.250	434.885	443.410	434.885	426.250	421.905	419.925	421.905
127.5	427.020	428.725	433.455	442.585	451.110	442.585	433.455	428.725	427.020	428.725
128.0	434.225	435.545	440.660	450.340	458.810	450.340	440.660	435.545	434.225	435.545
128.5	441.100	442.420	447.975	458.095	466.565	458.095	447.975	442.420	441.100	442.420
129.0	448.140	449.240	455.290	465.850	474.430	465.850	455.290	449.240	448.140	449.240
129.5	454.960	456.115	462.660	473.605	482.350	473.605	462.660	456.115	454.960	456.115
130.0	461.725	463.265	470.085	481.305	490.215	481.305	470.085	463.265	461.725	463.265
130.5	468.600	470.525	477.620	489.225	498.080	489.225	477.620	470.525	468.600	470.525
131.0	475.640	477.950	485.100	496.980	506.000	496.980	485.100	477.950	475.640	477.950
131.5	482.680	485.485	492.690	504.845	513.865	504.845	492.690	485.485	482.680	485.485
132.0	489.995	493.185	500.335	512.655	521.730	512.655	500.335	493.185	489.995	493.185
132.5	497.475	500.830	507.925	520.575	529.595	520.575	507.925	500.830	497.475	500.830
133.0	505.285	508.585	515.570	528.385	537.405	528.385	515.570	508.585	505.285	508.585
133.5	512.875	516.230	523.160	536.195	545.380	536.195	523.160	516.230	512.875	516.230
134.0	520.685	523.930	530.750	544.005	553.300	544.005	530.750	523.930	520.685	523.930
134.5	528.440	531.575	538.285	551.870	561.055	551.870	538.285	531.575	528.440	531.575
135.0	536.580	539.220	546.095	559.790	568.865	559.790	546.095	539.220	536.580	539.220
135.5	544.335	546.700	553.740	567.710	576.565	567.710	553.740	546.700	544.335	546.700
136.0	551.980	554.290	561.385	575.465	584.485	575.465	561.385	554.290	551.980	554.290
136.5	559.790	561.715	568.975	583.220	592.240	583.220	568.975	561.715	559.790	561.715
137.0	567.435	569.250	576.675	591.140	599.775	591.140	576.675	569.250	567.435	569.250
137.5	575.025	576.730	584.375	598.785	607.365	598.785	584.375	576.730	575.025	576.730
138.0	582.505	584.265	591.965	606.540	615.065	606.540	591.965	584.265	582.505	584.265
138.5	589.875	591.855	599.665	614.240	622.875	614.240	599.665	591.855	589.875	591.855

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CANDELA TABULATION - (Cont.)

139.0	597.300	599.225	607.310	621.885	630.465	621.885	607.310	599.225	597.300	599.225
139.5	604.725	606.815	614.900	629.585	638.165	629.585	614.900	606.815	604.725	606.815
140.0	611.985	614.405	622.655	637.175	645.645	637.175	622.655	614.405	611.985	614.405
140.5	619.190	621.995	630.190	644.765	653.400	644.765	630.190	621.995	619.190	621.995
141.0	626.670	629.640	637.835	652.245	660.770	652.245	637.835	629.640	626.670	629.640
141.5	634.205	637.340	645.370	659.615	668.415	659.615	645.370	637.340	634.205	637.340
142.0	641.685	644.930	652.795	667.150	675.840	667.150	652.795	644.930	641.685	644.930
142.5	649.055	652.520	660.330	674.410	683.100	674.410	660.330	652.520	649.055	652.520
143.0	656.645	660.165	667.645	681.890	690.690	681.890	667.645	660.165	656.645	660.165
143.5	664.180	667.755	675.015	689.040	697.895	689.040	675.015	667.755	664.180	667.755
144.0	671.715	675.290	682.330	696.245	704.990	696.245	682.330	675.290	671.715	675.290
144.5	679.195	682.825	689.480	703.505	712.140	703.505	689.480	682.825	679.195	682.825
145.0	686.675	690.250	696.740	710.600	719.125	710.600	696.740	690.250	686.675	690.250
145.5	694.045	697.510	704.055	717.750	726.220	717.750	704.055	697.510	694.045	697.510
146.0	701.360	704.935	711.040	724.735	733.040	724.735	711.040	704.935	701.360	704.935
146.5	708.620	712.085	718.025	731.720	739.750	731.720	718.025	712.085	708.620	712.085
147.0	715.825	719.180	724.955	738.485	746.570	738.485	724.955	719.180	715.825	719.180
147.5	723.030	726.275	731.885	745.305	753.390	745.305	731.885	726.275	723.030	726.275
148.0	730.015	733.205	738.705	751.960	759.935	751.960	738.705	733.205	730.015	733.205
148.5	737.055	740.245	745.470	758.560	766.645	758.560	745.470	740.245	737.055	740.245
149.0	743.985	747.120	752.235	765.215	773.190	765.215	752.235	747.120	743.985	747.120
149.5	750.640	753.775	758.780	771.485	779.625	771.485	758.780	753.775	750.640	753.775
150.0	757.515	760.650	765.325	777.975	786.005	777.975	765.325	760.650	757.515	760.650
150.5	764.335	767.415	771.705	784.300	792.385	784.300	771.705	767.415	764.335	767.415
151.0	771.210	774.235	778.250	790.460	798.710	790.460	778.250	774.235	771.210	774.235
151.5	777.755	780.670	784.575	796.510	804.705	796.510	784.575	780.670	777.755	780.670
152.0	784.190	787.215	790.790	802.615	810.865	802.615	790.790	787.215	784.190	787.215
152.5	790.735	793.595	796.950	808.500	816.860	808.500	796.950	793.595	790.735	793.595
153.0	797.115	799.975	802.835	814.385	822.690	814.385	802.835	799.975	797.115	799.975
153.5	803.440	806.135	808.720	820.105	828.410	820.105	808.720	806.135	803.440	806.135
154.0	809.435	812.350	814.660	825.825	834.130	825.825	814.660	812.350	809.435	812.350
154.5	815.595	818.400	820.435	831.545	839.685	831.545	820.435	818.400	815.595	818.400
155.0	821.700	824.285	826.045	836.990	845.185	836.990	826.045	824.285	821.700	824.285
155.5	827.475	830.060	831.655	842.270	850.575	842.270	831.655	830.060	827.475	830.060
156.0	833.250	835.615	837.045	847.715	856.020	847.715	837.045	835.615	833.250	835.615
156.5	838.860	841.225	842.380	852.775	861.025	852.775	842.380	841.225	838.860	841.225
157.0	844.470	846.615	847.660	857.890	866.470	857.890	847.660	846.615	844.470	846.615
157.5	849.805	851.950	852.830	862.840	871.585	862.840	852.830	851.950	849.805	851.950
158.0	855.305	857.120	857.890	867.735	876.425	867.735	857.890	857.120	855.305	857.120
158.5	860.365	862.070	862.840	872.630	881.210	872.630	862.840	862.070	860.365	862.070
159.0	865.425	867.130	867.735	877.250	886.050	877.250	867.735	867.130	865.425	867.130
159.5	870.320	871.970	872.520	881.815	890.505	881.815	872.520	871.970	870.320	871.970
160.0	875.215	876.755	876.975	886.160	895.235	886.160	876.975	876.755	875.215	876.755
160.5	879.890	881.540	881.485	890.670	899.635	890.670	881.485	881.540	879.890	881.540
161.0	884.675	885.995	885.885	894.740	903.815	894.740	885.885	885.995	884.675	885.995
161.5	888.910	890.450	890.175	898.975	908.050	898.975	890.175	890.450	888.910	890.450
162.0	893.475	894.740	894.300	903.045	912.230	903.045	894.300	894.740	893.475	894.740
162.5	897.600	898.975	898.480	906.950	915.970	906.950	898.480	898.975	897.600	898.975
163.0	901.615	903.210	902.275	910.800	919.820	910.800	902.275	903.210	901.615	903.210
163.5	905.850	907.060	906.235	914.595	923.670	914.595	906.235	907.060	905.850	907.060
164.0	909.590	911.020	909.700	918.225	927.300	918.225	909.700	911.020	909.590	911.020
164.5	913.330	914.870	913.330	921.745	930.765	921.745	913.330	914.870	913.330	914.870
165.0	917.180	918.390	916.850	925.155	934.285	925.155	916.850	918.390	917.180	918.390
165.5	920.645	921.690	920.205	928.565	937.695	928.565	920.205	921.690	920.645	921.690
166.0	924.055	924.990	923.395	931.755	940.940	931.755	923.395	924.990	924.055	924.990
166.5	927.355	928.290	926.585	934.890	944.185	934.890	926.585	928.290	927.355	928.290

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Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

167.0	930.655	931.425	929.555	937.970	947.265	937.970	929.555	931.425	930.655	931.425
167.5	933.570	934.450	932.470	940.720	950.125	940.720	932.470	934.450	933.570	934.450
168.0	936.595	937.365	935.165	943.580	953.150	943.580	935.165	937.365	936.595	937.365
168.5	939.400	940.115	937.805	946.165	955.900	946.165	937.805	940.115	939.400	940.115
169.0	942.260	942.865	940.445	948.805	958.375	948.805	940.445	942.865	942.260	942.865
169.5	944.900	945.450	942.865	951.225	960.850	951.225	942.865	945.450	944.900	945.450
170.0	947.430	947.870	945.230	953.535	963.105	953.535	945.230	947.870	947.430	947.870
170.5	949.740	950.180	947.320	955.735	965.305	955.735	947.320	950.180	949.740	950.180
171.0	951.995	952.380	949.575	957.825	967.285	957.825	949.575	952.380	951.995	952.380
171.5	954.030	954.470	951.665	959.860	969.485	959.860	951.665	954.470	954.030	954.470
172.0	956.175	956.560	953.535	961.730	971.520	961.730	953.535	956.560	956.175	956.560
172.5	957.990	958.210	955.295	963.435	973.115	963.435	955.295	958.210	957.990	958.210
173.0	959.530	959.915	956.890	965.085	974.765	965.085	956.890	959.915	959.530	959.915
173.5	961.070	961.455	958.430	966.680	976.415	966.680	958.430	961.455	961.070	961.455
174.0	962.610	962.885	959.860	968.165	977.625	968.165	959.860	962.885	962.610	962.885
174.5	963.875	964.370	961.235	969.430	978.945	969.430	961.235	964.370	963.875	964.370
175.0	965.250	965.470	962.335	970.530	980.375	970.530	962.335	965.470	965.250	965.470
175.5	966.130	966.680	963.600	971.575	981.365	971.575	963.600	966.680	966.130	966.680
176.0	967.285	967.615	964.535	972.565	982.355	972.565	964.535	967.615	967.285	967.615
176.5	968.275	968.550	965.360	973.445	983.235	973.445	965.360	968.550	968.275	968.550
177.0	968.880	969.320	966.020	974.050	984.005	974.050	966.020	969.320	968.880	969.320
177.5	969.540	969.870	966.570	974.765	984.445	974.765	966.570	969.870	969.540	969.870
178.0	970.145	970.420	967.120	975.260	985.050	975.260	967.120	970.420	970.145	970.420
178.5	970.530	970.805	967.560	975.810	985.270	975.810	967.560	970.805	970.530	970.805
179.0	970.915	971.025	967.780	975.975	985.655	975.975	967.780	971.025	970.915	971.025
179.5	971.135	971.355	967.780	976.195	985.820	976.195	967.780	971.355	971.135	971.355
180.0	973.500	973.500	973.500	973.500	973.500	973.500	973.500	973.500	973.500	973.500

Vert. Angles	**Horizontal Angles**						
	225.0	**247.5**	**270.0**	**292.5**	**315.0**	**337.5**	**360.0**
0.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
1.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
2.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
3.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
4.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
6.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
7.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
8.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
10.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
11.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
12.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

12.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
13.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
14.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
15.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
16.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
17.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
18.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
19.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
20.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
21.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
22.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
23.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
24.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
25.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
26.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
27.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
28.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
29.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
30.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
31.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
32.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
33.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
34.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
35.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
36.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
37.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
38.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
39.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
40.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

40.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
41.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
42.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
43.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
44.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
45.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
46.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
47.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
48.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
49.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
50.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
51.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
52.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
53.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
54.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
55.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
56.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
57.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
58.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
59.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
60.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
61.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
62.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
63.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
64.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
65.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
66.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
67.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
68.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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CANDELA TABULATION - (Cont.)

68.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
69.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
70.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
71.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
72.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
73.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
74.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
75.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
76.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
77.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
78.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
79.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
80.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
81.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
81.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
82.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
83.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
83.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
84.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
84.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
85.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
86.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
86.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
87.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
88.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
88.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
89.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
89.5	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000
90.5	4.015	4.015	3.630	4.015	4.015	3.575	2.640
91.0	6.710	6.765	6.545	6.765	6.710	6.105	5.500
91.5	9.900	10.120	10.175	10.120	9.900	9.185	8.745
92.0	13.365	13.585	13.860	13.585	13.365	12.595	12.100
92.5	16.885	17.215	17.765	17.215	16.885	16.005	15.510
93.0	20.515	20.955	21.670	20.955	20.515	19.580	19.030
93.5	24.200	24.805	25.685	24.805	24.200	23.155	22.605
94.0	27.995	28.765	29.755	28.765	27.995	26.840	26.235
94.5	31.845	32.835	33.935	32.835	31.845	30.580	29.920
95.0	35.805	36.960	38.115	36.960	35.805	34.375	33.715
95.5	39.875	41.140	42.405	41.140	39.875	38.280	37.565
96.0	43.945	45.485	46.860	45.485	43.945	42.240	41.470

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Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

96.5	48.180	49.830	51.260	49.830	48.180	46.255	45.485
97.0	52.470	54.285	55.880	54.285	52.470	50.325	49.500
97.5	56.760	58.850	60.500	58.850	56.760	54.505	53.625
98.0	61.215	63.470	65.175	63.470	61.215	58.740	57.750
98.5	65.780	68.145	69.960	68.145	65.780	63.085	62.040
99.0	70.400	72.930	74.855	72.930	70.400	67.540	66.385
99.5	75.075	77.770	79.805	77.770	75.075	71.995	70.730
100.0	79.805	82.665	84.810	82.665	79.805	76.560	75.240
100.5	84.645	87.615	89.925	87.615	84.645	81.235	79.750
101.0	89.540	92.730	95.095	92.730	89.540	85.965	84.480
101.5	94.435	97.845	100.320	97.845	94.435	90.750	89.100
102.0	99.440	103.070	105.655	103.070	99.440	95.535	93.830
102.5	104.555	108.295	110.990	108.295	104.555	100.485	98.615
103.0	109.670	113.685	116.435	113.685	109.670	105.435	103.565
103.5	114.675	119.185	121.880	119.185	114.675	110.440	108.460
104.0	119.955	124.685	127.380	124.685	119.955	115.555	113.465
104.5	125.290	130.790	132.990	130.790	125.290	120.670	118.525
105.0	130.735	136.730	138.600	136.730	130.735	125.895	123.695
105.5	136.235	142.285	144.210	142.285	136.235	131.175	128.920
106.0	141.735	147.840	150.040	147.840	141.735	136.510	134.145
106.5	147.345	153.725	155.870	153.725	147.345	141.900	139.480
107.0	153.065	159.720	161.700	159.720	153.065	147.455	144.925
107.5	158.785	165.440	167.640	165.440	158.785	153.010	150.370
108.0	164.560	171.160	173.690	171.160	164.560	158.675	155.980
108.5	170.500	177.265	179.850	177.265	170.500	164.395	161.535
109.0	176.440	183.150	186.065	183.150	176.440	170.170	167.200
109.5	182.490	188.980	192.390	188.980	182.490	176.000	172.975
110.0	188.540	195.030	198.770	195.030	188.540	181.940	178.695
110.5	194.700	201.355	205.205	201.355	194.700	187.825	184.635
111.0	201.025	207.570	211.805	207.570	201.025	193.875	190.575
111.5	207.460	213.730	218.405	213.730	207.460	199.925	196.460
112.0	214.115	220.165	225.060	220.165	214.115	206.030	202.620
112.5	220.935	226.820	231.715	226.820	220.935	212.190	208.670
113.0	227.865	233.530	238.425	233.530	227.865	218.460	214.775
113.5	234.795	240.185	245.190	240.185	234.795	224.730	221.045
114.0	241.560	246.730	252.010	246.730	241.560	231.110	227.260
114.5	248.380	253.495	258.830	253.495	248.380	237.490	233.530
115.0	255.585	260.205	265.650	260.205	255.585	243.980	239.855
115.5	262.955	266.805	272.525	266.805	262.955	250.635	246.180
116.0	270.325	273.625	279.455	273.625	270.325	257.290	252.670
116.5	277.530	280.500	286.440	280.500	277.530	264.055	259.105
117.0	284.570	287.430	293.480	287.430	284.570	271.095	265.540
117.5	291.665	294.470	300.630	294.470	291.665	278.355	272.250
118.0	298.815	301.510	307.835	301.510	298.815	285.725	278.960
118.5	306.075	308.605	315.040	308.605	306.075	293.040	285.890
119.0	313.225	315.755	322.355	315.755	313.225	300.355	292.985
119.5	320.320	322.905	329.725	322.905	320.320	307.780	300.410
120.0	327.250	330.110	337.150	330.110	327.250	315.315	308.165
120.5	334.180	337.315	344.575	337.315	334.180	323.015	315.645
121.0	341.000	344.575	352.055	344.575	341.000	330.825	322.960
121.5	347.820	351.835	359.535	351.835	347.820	338.965	330.330
122.0	354.750	359.205	367.125	359.205	354.750	347.270	337.755
122.5	361.680	366.520	374.660	366.520	361.680	355.410	345.565
123.0	368.720	373.890	382.140	373.890	368.720	363.440	353.870
123.5	375.870	381.370	389.785	381.370	375.870	371.140	362.395
124.0	383.075	388.850	397.320	388.850	383.075	378.730	371.085

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CANDELA TABULATION - (Cont.)

124.5	390.280	396.275	405.130	396.275	390.280	386.100	379.775
125.0	397.595	403.975	412.665	403.975	397.595	393.415	388.135
125.5	404.745	411.675	420.420	411.675	404.745	400.565	396.275
126.0	411.895	419.375	428.065	419.375	411.895	407.770	404.250
126.5	419.155	427.075	435.655	427.075	419.155	414.920	412.390
127.0	426.250	434.885	443.410	434.885	426.250	421.905	419.925
127.5	433.455	442.585	451.110	442.585	433.455	428.725	427.020
128.0	440.660	450.340	458.810	450.340	440.660	435.545	434.225
128.5	447.975	458.095	466.565	458.095	447.975	442.420	441.100
129.0	455.290	465.850	474.430	465.850	455.290	449.240	448.140
129.5	462.660	473.605	482.350	473.605	462.660	456.115	454.960
130.0	470.085	481.305	490.215	481.305	470.085	463.265	461.725
130.5	477.620	489.225	498.080	489.225	477.620	470.525	468.600
131.0	485.100	496.980	506.000	496.980	485.100	477.950	475.640
131.5	492.690	504.845	513.865	504.845	492.690	485.485	482.680
132.0	500.335	512.655	521.730	512.655	500.335	493.185	489.995
132.5	507.925	520.575	529.595	520.575	507.925	500.830	497.475
133.0	515.570	528.385	537.405	528.385	515.570	508.585	505.285
133.5	523.160	536.195	545.380	536.195	523.160	516.230	512.875
134.0	530.750	544.005	553.300	544.005	530.750	523.930	520.685
134.5	538.285	551.870	561.055	551.870	538.285	531.575	528.440
135.0	546.095	559.790	568.865	559.790	546.095	539.220	536.580
135.5	553.740	567.710	576.565	567.710	553.740	546.700	544.335
136.0	561.385	575.465	584.485	575.465	561.385	554.290	551.980
136.5	568.975	583.220	592.240	583.220	568.975	561.715	559.790
137.0	576.675	591.140	599.775	591.140	576.675	569.250	567.435
137.5	584.375	598.785	607.365	598.785	584.375	576.730	575.025
138.0	591.965	606.540	615.065	606.540	591.965	584.265	582.505
138.5	599.665	614.240	622.875	614.240	599.665	591.855	589.875
139.0	607.310	621.885	630.465	621.885	607.310	599.225	597.300
139.5	614.900	629.585	638.165	629.585	614.900	606.815	604.725
140.0	622.655	637.175	645.645	637.175	622.655	614.405	611.985
140.5	630.190	644.765	653.400	644.765	630.190	621.995	619.190
141.0	637.835	652.245	660.770	652.245	637.835	629.640	626.670
141.5	645.370	659.615	668.415	659.615	645.370	637.340	634.205
142.0	652.795	667.150	675.840	667.150	652.795	644.930	641.685
142.5	660.330	674.410	683.100	674.410	660.330	652.520	649.055
143.0	667.645	681.890	690.690	681.890	667.645	660.165	656.645
143.5	675.015	689.040	697.895	689.040	675.015	667.755	664.180
144.0	682.330	696.245	704.990	696.245	682.330	675.290	671.715
144.5	689.480	703.505	712.140	703.505	689.480	682.825	679.195
145.0	696.740	710.600	719.125	710.600	696.740	690.250	686.675
145.5	704.055	717.750	726.220	717.750	704.055	697.510	694.045
146.0	711.040	724.735	733.040	724.735	711.040	704.935	701.360
146.5	718.025	731.720	739.750	731.720	718.025	712.085	708.620
147.0	724.955	738.485	746.570	738.485	724.955	719.180	715.825
147.5	731.885	745.305	753.390	745.305	731.885	726.275	723.030
148.0	738.705	751.960	759.935	751.960	738.705	733.205	730.015
148.5	745.470	758.560	766.645	758.560	745.470	740.245	737.055
149.0	752.235	765.215	773.190	765.215	752.235	747.120	743.985
149.5	758.780	771.485	779.625	771.485	758.780	753.775	750.640
150.0	765.325	777.975	786.005	777.975	765.325	760.650	757.515
150.5	771.705	784.300	792.385	784.300	771.705	767.415	764.335
151.0	778.250	790.460	798.710	790.460	778.250	774.235	771.210
151.5	784.575	796.510	804.705	796.510	784.575	780.670	777.755
152.0	790.790	802.615	810.865	802.615	790.790	787.215	784.190

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CANDELA TABULATION - (Cont.)

152.5	796.950	808.500	816.860	808.500	796.950	793.595	790.735
153.0	802.835	814.385	822.690	814.385	802.835	799.975	797.115
153.5	808.720	820.105	828.410	820.105	808.720	806.135	803.440
154.0	814.660	825.825	834.130	825.825	814.660	812.350	809.435
154.5	820.435	831.545	839.685	831.545	820.435	818.400	815.595
155.0	826.045	836.990	845.185	836.990	826.045	824.285	821.700
155.5	831.655	842.270	850.575	842.270	831.655	830.060	827.475
156.0	837.045	847.715	856.020	847.715	837.045	835.615	833.250
156.5	842.380	852.775	861.025	852.775	842.380	841.225	838.860
157.0	847.660	857.890	866.470	857.890	847.660	846.615	844.470
157.5	852.830	862.840	871.585	862.840	852.830	851.950	849.805
158.0	857.890	867.735	876.425	867.735	857.890	857.120	855.305
158.5	862.840	872.630	881.210	872.630	862.840	862.070	860.365
159.0	867.735	877.250	886.050	877.250	867.735	867.130	865.425
159.5	872.520	881.815	890.505	881.815	872.520	871.970	870.320
160.0	876.975	886.160	895.235	886.160	876.975	876.755	875.215
160.5	881.485	890.670	899.635	890.670	881.485	881.540	879.890
161.0	885.885	894.740	903.815	894.740	885.885	885.995	884.675
161.5	890.175	898.975	908.050	898.975	890.175	890.450	888.910
162.0	894.300	903.045	912.230	903.045	894.300	894.740	893.475
162.5	898.480	906.950	915.970	906.950	898.480	898.975	897.600
163.0	902.275	910.800	919.820	910.800	902.275	903.210	901.615
163.5	906.235	914.595	923.670	914.595	906.235	907.060	905.850
164.0	909.700	918.225	927.300	918.225	909.700	911.020	909.590
164.5	913.330	921.745	930.765	921.745	913.330	914.870	913.330
165.0	916.850	925.155	934.285	925.155	916.850	918.390	917.180
165.5	920.205	928.565	937.695	928.565	920.205	921.690	920.645
166.0	923.395	931.755	940.940	931.755	923.395	924.990	924.055
166.5	926.585	934.890	944.185	934.890	926.585	928.290	927.355
167.0	929.555	937.970	947.265	937.970	929.555	931.425	930.655
167.5	932.470	940.720	950.125	940.720	932.470	934.450	933.570
168.0	935.165	943.580	953.150	943.580	935.165	937.365	936.595
168.5	937.805	946.165	955.900	946.165	937.805	940.115	939.400
169.0	940.445	948.805	958.375	948.805	940.445	942.865	942.260
169.5	942.865	951.225	960.850	951.225	942.865	945.450	944.900
170.0	945.230	953.535	963.105	953.535	945.230	947.870	947.430
170.5	947.320	955.735	965.305	955.735	947.320	950.180	949.740
171.0	949.575	957.825	967.285	957.825	949.575	952.380	951.995
171.5	951.665	959.860	969.485	959.860	951.665	954.470	954.030
172.0	953.535	961.730	971.520	961.730	953.535	956.560	956.175
172.5	955.295	963.435	973.115	963.435	955.295	958.210	957.990
173.0	956.890	965.085	974.765	965.085	956.890	959.915	959.530
173.5	958.430	966.680	976.415	966.680	958.430	961.455	961.070
174.0	959.860	968.165	977.625	968.165	959.860	962.885	962.610
174.5	961.235	969.430	978.945	969.430	961.235	964.370	963.875
175.0	962.335	970.530	980.375	970.530	962.335	965.470	965.250
175.5	963.600	971.575	981.365	971.575	963.600	966.680	966.130
176.0	964.535	972.565	982.355	972.565	964.535	967.615	967.285
176.5	965.360	973.445	983.235	973.445	965.360	968.550	968.275
177.0	966.020	974.050	984.005	974.050	966.020	969.320	968.880
177.5	966.570	974.765	984.445	974.765	966.570	969.870	969.540
178.0	967.120	975.260	985.050	975.260	967.120	970.420	970.145
178.5	967.560	975.810	985.270	975.810	967.560	970.805	970.530
179.0	967.780	975.975	985.655	975.975	967.780	971.025	970.915
179.5	967.780	976.195	985.820	976.195	967.780	971.355	971.135
180.0	973.500	973.500	973.500	973.500	973.500	973.500	973.500

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IES INDOOR REPORT
PHOTOMETRIC FILENAME : BPRO2-LED35-LO-NW-SYM-ADC.IES

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	0.00	N.A.	0.00
10-90	0.00	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	0.00	N.A.	0.00
90-110	179.69	N.A.	7.50
90-120	431.06	N.A.	18.10
90-130	787.20	N.A.	33.10
90-150	1648.2	N.A.	69.20
90-180	2381.5	N.A.	100.00
110-180	2201.81	N.A.	92.50
0-180	2381.5	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	0.00
90-100	40.41
100-110	139.28
110-120	251.37
120-130	356.14
130-140	423.65
140-150	437.35
150-160	381.85
160-170	259.62
170-180	91.83

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IES INDOOR REPORT
PHOTOMETRIC FILENAME : BPRO2-LED35-LO-NW-SYM-ADC.IES

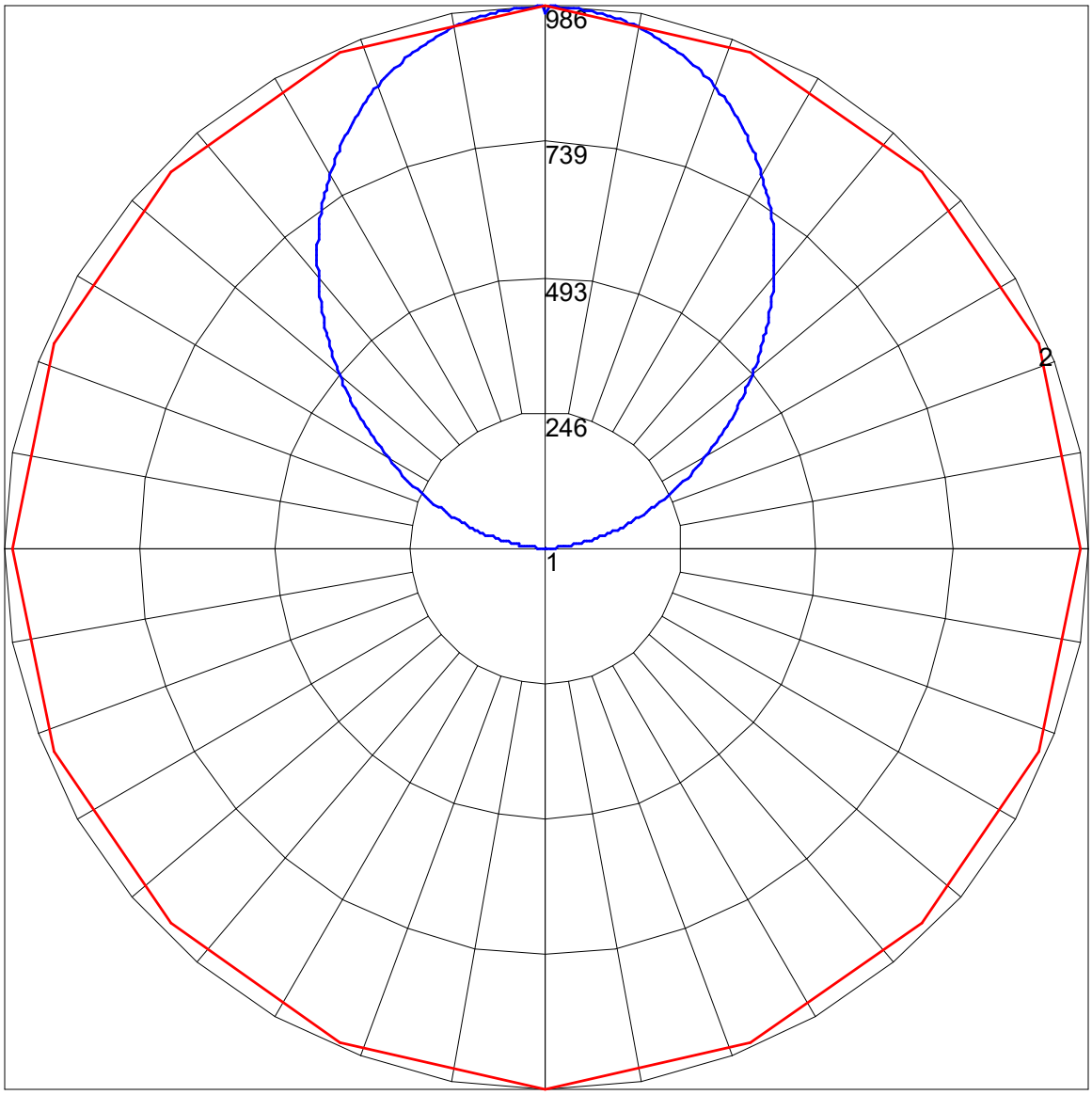
COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BPRO2-LED35-LO-NW-SYM-ADC.IES

POLAR GRAPH



Maximum Candela = 985.82 Located At Horizontal Angle = 90, Vertical Angle = 179.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (179.5) (Through Max. Cd.)

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