Picasso Lighting

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I5-30-80-FW-W.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 13313159.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 10/29/2023JS
[MANUFAC] Picasso Lighting Industries
[LUMCAT] BLD-4-PF-4-D3-I5-30-80-FW-W
[LUMINAIRE] Formed White aluminum housing, plastic lens enclosures
[LAMP] 96 White LEDs down, 96 White LEDs up
[BALLAST] Two ERP PSB50W-1200-42-S Driver
[OTHER] 24.4 C, 119.989 V, 0.476329 A, 38.01 W, 0.974777 PF, 59.9705
[MORE] Hz
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3500
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	92
Total Luminaire Watts	38.01
Ballast Factor	1.00
CIE Type	General Diffuse
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	4.00 ft
Luminous Width (90-270)	0.13 ft
Luminous Height	0.33 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9651	3526	2830
55	8951	2637	2074
65	8008	1823	1416
75	6591	1068	824
85	3945	392	324

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I5-30-80-FW-W.IES

CANDELA TABULATION

	0.0	22.5	45.0	67.5	90.0
0.0	528.70	528.70	528.70	528.70	528.70
0.5	528.11	529.22	527.12	528.11	532.10
1.0	528.05	529.16	527.06	528.11	531.97
1.5	527.91	529.09	526.93	527.98	531.77
2.0	527.65	528.89	526.87	527.84	531.44
2.5	527.45	528.63	526.67	527.59	531.12
3.0	527.12	528.30	526.47	527.33	530.60
3.5	526.67	527.98	526.21	527.00	530.07
4.0	526.28	527.59	525.89	526.61	529.55
4.5	525.82	527.19	525.49	526.21	529.02
5.0	525.36	526.73	525.03	525.69	528.50
5.5	524.84	526.21	524.51	525.17	527.91
6.0	524.25	525.62	523.85	524.57	527.33
6.5	523.73	525.03	523.20	523.92	526.61
7.0	522.88	524.38	522.48	523.27	525.89
7.5	522.09	523.59	521.63	522.41	525.17
8.0	521.37	522.81	520.72	521.63	524.25
8.5	520.58	521.96	519.86	520.78	523.34
9.0	519.67	520.98	518.88	519.86	522.29
9.5	518.75	520.00	517.84	518.82	521.18
10.0	517.70	519.02	516.79	517.70	519.93
10.5	516.66	517.91	515.75	516.47	518.69
11.0	515.55	516.66	514.64	515.22	517.19
11.5	514.43	515.55	513.46	513.92	515.81
12.0	513.20	514.31	512.21	512.54	514.31
12.5	512.02	513.06	511.04	511.10	512.80
13.0	510.64	511.76	509.66	509.60	511.23
13.5	509.33	510.44	508.28	508.09	509.60
14.0	507.89	509.07	506.91	506.52	508.03
14.5	506.45	507.63	505.41	504.89	506.33
15.0	504.95	506.13	503.90	503.25	504.69
15.5	503.51	504.62	502.34	501.55	503.06
16.0	501.88	503.06	500.70	499.85	501.35
16.5	500.30	501.48	499.07	498.08	499.65
17.0	498.61	499.85	497.30	496.31	497.89
17.5	496.91	498.08	495.53	494.48	496.05
18.0	495.20	496.31	493.70	492.52	494.15
18.5	493.37	494.48	491.80	490.62	492.26
19.0	491.60	492.59	489.84	488.60	490.30
19.5	489.71	490.62	487.94	486.50	488.40
20.0	487.75	488.60	485.85	484.41	486.31
20.5	485.72	486.57	483.76	482.25	484.28
21.0	483.76	484.48	481.60	480.16	482.25
21.5	481.73	482.32	479.51	477.93	480.09
22.0	479.63	480.16	477.21	475.71	477.87
22.5	477.41	477.87	474.92	473.48	475.58
23.0	475.31	475.64	472.57	471.20	473.09
23.5	473.09	473.36	470.28	468.91	470.67
24.0	470.87	471.00	467.86	466.49	468.32
24.5	468.51	468.65	465.38	464.06	465.89
25.0	466.16	466.29	462.89	461.65	463.41
25.5	463.74	463.87	460.47	459.16	460.99
26.0	461.32	461.25	457.85	456.68	458.37
26.5	458.83	458.77	455.30	454.12	455.82

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I5-30-80-FW-W.IES

CANDELA TABULATION - (Cont.)

27.0	456.28	456.15	452.69	451.37	453.14
27.5	453.73	453.53	450.07	448.76	450.53
28.0	451.11	450.79	447.45	446.01	447.91
28.5	448.37	448.04	444.77	443.33	445.10
29.0	445.62	445.29	442.02	440.51	442.35
29.5	443.00	442.48	439.28	437.70	439.60
30.0	440.19	439.67	436.52	434.89	436.85
30.5	437.51	436.72	433.78	432.01	434.04
31.0	434.76	433.78	430.97	429.20	431.03
31.5	431.95	430.83	428.09	426.32	428.09
32.0	429.20	427.89	425.27	423.31	425.15
32.5	426.26	424.88	422.33	420.37	422.33
33.0	423.38	421.81	419.39	417.36	419.39
33.5	420.44	418.80	416.45	414.48	416.38
34.0	417.42	415.66	413.50	411.47	413.30
34.5	414.41	412.52	410.42	408.46	410.23
35.0	411.34	409.44	407.35	405.32	407.28
35.5	408.26	406.31	404.41	402.18	404.34
36.0	405.13	403.10	401.33	399.04	401.27
36.5	401.99	399.89	398.19	395.90	398.19
37.0	398.72	396.75	395.05	392.69	395.05
37.5	395.45	393.48	391.85	389.49	391.85
38.0	392.18	390.21	388.64	386.35	388.77
38.5	388.90	386.87	385.43	383.21	385.50
39.0	385.50	383.54	382.16	380.00	382.04
39.5	382.23	380.07	378.89	376.73	378.70
40.0	378.77	376.73	375.75	373.40	375.43
40.5	375.36	373.27	372.41	370.13	371.96
41.0	371.83	369.80	369.08	366.73	368.69
41.5	368.36	366.40	365.68	363.39	365.22
42.0	364.96	362.80	362.28	359.99	361.88
42.5	361.49	359.33	358.81	356.59	358.42
43.0	357.96	355.80	355.41	353.12	354.95
43.5	354.36	352.27	351.88	349.65	351.48
44.0	350.90	348.67	348.41	346.12	348.08
44.5	347.30	345.08	344.81	342.59	344.55
45.0	343.70	341.48	341.15	339.12	340.88
45.5	340.04	337.88	337.55	335.59	337.29
46.0	336.38	334.28	333.82	331.92	333.69
46.5	332.71	330.55	330.23	328.33	329.96
47.0	328.98	326.82	326.56	324.66	326.24
47.5	325.19	323.16	322.83	321.00	322.57
48.0	321.46	319.49	319.10	317.40	318.65
48.5	317.60	315.70	315.44	313.80	314.92
49.0	313.80	311.97	311.65	310.14	311.06
49.5	310.01	308.18	307.91	306.41	307.40
50.0	306.22	304.25	304.12	302.69	303.66
50.5	302.29	300.46	300.39	298.95	300.00
51.0	298.37	296.66	296.60	295.16	296.27
51.5	294.50	292.81	292.81	291.43	292.55
52.0	290.58	289.01	289.01	287.64	288.75
52.5	286.72	285.08	285.15	283.78	284.96
53.0	282.86	281.23	281.23	279.98	281.09
53.5	278.93	277.43	277.30	276.06	277.24
54.0	274.94	273.51	273.38	272.20	273.51
54.5	271.09	269.65	269.39	268.34	269.65

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I5-30-80-FW-W.IES

CANDELA TABULATION - (Cont.)

55.0	267.10	265.73	265.40	264.48	265.73
55.5	263.04	261.80	261.47	260.62	261.74
56.0	258.98	257.87	257.48	256.70	257.74
56.5	254.80	253.95	253.43	252.83	253.69
57.0	250.67	249.96	249.37	248.91	249.76
57.5	246.56	245.96	245.31	245.05	245.71
58.0	242.43	241.85	241.32	241.13	241.78
58.5	238.38	237.72	237.33	237.20	237.86
59.0	234.26	233.60	233.27	233.34	233.87
59.5	230.20	229.61	229.22	229.42	229.81
60.0	226.08	225.56	225.17	225.43	225.89
60.5	222.09	221.37	221.11	221.50	221.96
61.0	218.10	217.31	217.05	217.51	218.03
61.5	214.04	213.20	213.13	213.59	214.11
62.0	209.93	209.14	209.07	209.60	210.12
62.5	205.87	205.08	205.08	205.61	206.26
63.0	201.81	201.02	201.09	201.62	202.40
63.5	197.69	196.97	197.10	197.69	198.54
64.0	193.70	192.92	193.11	193.70	194.62
64.5	189.58	188.93	189.05	189.77	190.69
65.0	185.45	184.87	185.00	185.78	186.77
65.5	181.34	180.81	181.01	181.86	182.84
66.0	177.21	176.75	176.96	177.93	178.91
66.5	173.03	172.70	172.96	174.01	174.92
67.0	168.84	168.58	169.04	170.09	170.93
67.5	164.72	164.46	165.05	166.10	166.94
68.0	160.40	160.40	160.99	162.17	162.95
68.5	156.28	156.22	156.94	158.24	158.96
69.0	152.03	152.16	152.94	154.25	154.91
69.5	147.77	147.98	148.95	150.33	150.79
70.0	143.59	143.92	144.90	146.27	146.47
70.5	139.47	140.00	141.11	142.35	142.28
71.0	135.22	135.87	137.18	138.62	138.56
71.5	131.09	131.95	133.39	134.57	134.63
72.0	127.50	127.89	129.46	130.58	130.77
72.5	123.38	123.77	125.54	126.65	126.91
73.0	119.39	119.78	121.61	122.72	123.11
73.5	115.33	115.79	117.75	118.80	119.45
74.0	111.74	111.80	113.76	114.87	115.79
74.5	107.87	108.20	109.84	111.14	112.13
75.0	103.95	104.34	106.04	107.48	108.46
75.5	100.16	100.67	102.25	103.82	104.87
76.0	96.29	96.89	98.65	100.48	101.66
76.5	92.50	93.09	94.92	97.01	98.06
77.0	88.70	89.30	91.19	93.41	94.33
77.5	84.98	85.50	87.59	89.88	90.60
78.0	81.18	81.77	84.06	86.22	86.87
78.5	77.39	78.05	80.53	82.62	83.21
79.0	73.73	74.38	77.00	78.96	79.48
79.5	70.00	70.72	73.40	75.36	75.89
80.0	66.33	66.99	69.80	71.83	72.29
80.5	62.74	63.26	66.27	68.36	68.88
81.0	59.14	59.60	62.67	64.96	65.48
81.5	55.54	56.00	59.21	61.62	62.21
82.0	52.07	52.46	55.67	58.35	59.07
82.5	48.54	49.00	52.20	55.15	55.93

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

83.0	45.08	45.66	48.93	52.07	52.86
83.5	41.67	42.39	45.66	49.07	49.85
84.0	38.21	38.99	42.65	46.12	46.91
84.5	34.87	35.66	39.71	43.24	44.09
85.0	31.20	32.45	36.83	40.49	41.34
85.5	27.87	29.24	34.08	37.88	38.73
86.0	24.53	26.17	31.40	35.33	36.31
86.5	21.46	23.22	28.91	33.10	34.15
87.0	18.45	20.35	26.10	30.42	31.40
87.5	15.18	17.66	23.68	27.35	27.74
88.0	11.84	15.57	21.78	26.10	26.63
88.5	8.63	14.00	21.39	25.97	26.43
89.0	6.41	13.34	21.85	26.63	26.89
89.5	4.78	13.08	22.76	27.47	27.61
90.0	3.41	13.22	23.88	28.59	28.65
90.5	1.57	1.96	1.96	2.36	2.49
91.0	3.53	1.84	1.96	2.61	2.61
91.5	5.24	1.96	1.96	2.61	2.61
92.0	7.07	2.49	1.96	2.36	2.61
92.5	9.04	3.01	2.09	2.75	2.61
93.0	11.00	3.80	2.61	2.75	2.61
93.5	13.23	4.45	2.88	3.01	2.88
94.0	15.59	5.37	3.40	3.28	3.15
94.5	17.81	6.29	3.67	3.53	3.40
95.0	20.56	7.33	4.07	3.93	3.80
95.5	23.57	8.39	4.59	4.19	4.07
96.0	26.59	9.17	5.24	4.59	4.45
96.5	30.00	9.96	5.76	4.97	4.84
97.0	33.13	10.75	6.68	5.24	5.24
97.5	36.55	11.40	7.47	5.63	5.63
98.0	40.08	12.31	8.12	6.16	6.16
98.5	44.01	13.63	8.91	6.81	6.68
99.0	47.80	15.59	9.43	7.60	7.47
99.5	51.60	17.81	10.21	8.52	8.25
100.0	55.40	21.21	10.87	9.29	8.91
100.5	59.47	25.28	11.40	10.35	9.83
101.0	63.27	30.12	11.92	11.27	10.75
101.5	67.45	36.55	12.44	12.05	11.52
102.0	71.77	44.27	12.71	12.84	12.44
102.5	75.71	52.65	12.96	13.63	13.09
103.0	79.89	62.08	13.36	14.28	13.75
103.5	83.96	71.77	13.88	14.93	14.41
104.0	87.88	82.39	14.67	15.45	14.93
104.5	91.95	93.91	15.72	15.85	15.32
105.0	96.00	107.27	17.41	16.11	15.72
105.5	100.07	124.16	19.39	16.37	15.97
106.0	104.25	140.28	21.75	16.76	16.24
106.5	108.45	152.32	25.01	17.03	16.24
107.0	112.37	161.49	28.68	17.29	16.51
107.5	116.44	170.40	33.27	17.68	16.64
108.0	120.37	178.65	38.37	18.20	16.89
108.5	124.43	185.85	44.27	18.99	17.16
109.0	128.36	192.67	51.87	20.17	17.55
109.5	132.28	198.83	61.29	21.35	18.20
110.0	136.48	204.84	73.35	22.92	19.12
110.5	140.40	210.48	87.09	24.88	20.17

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

111.0	144.47	215.85	102.56	27.37	21.61
111.5	148.40	220.96	118.80	30.39	22.92
112.0	152.32	225.93	136.48	33.92	24.76
112.5	156.39	230.91	154.81	37.99	26.85
113.0	160.05	235.63	173.80	42.69	29.73
113.5	163.99	240.60	195.68	48.20	32.61
114.0	167.91	245.19	218.99	54.88	36.28
114.5	171.57	249.91	245.19	63.65	40.60
115.0	175.24	254.36	271.12	74.52	45.32
115.5	179.04	258.93	298.49	88.80	50.95
116.0	182.84	263.13	326.00	104.25	58.15
116.5	186.64	267.32	355.87	121.93	67.32
117.0	190.44	271.39	387.16	141.19	78.85
117.5	194.11	275.44	416.89	161.63	92.73
118.0	197.77	279.24	443.35	184.03	108.84
118.5	201.57	283.17	463.79	207.47	126.39
119.0	205.37	287.09	481.85	233.00	146.17
119.5	209.04	290.76	497.84	260.64	166.87
120.0	212.71	294.56	513.16	292.08	189.65
120.5	216.37	298.23	526.92	325.35	213.49
121.0	220.04	302.03	538.71	361.36	239.68
121.5	223.71	305.56	548.27	397.91	268.37
122.0	227.37	308.97	556.65	435.89	299.41
122.5	230.91	312.64	563.99	475.71	334.39
123.0	234.57	315.92	570.40	515.92	371.71
123.5	238.37	319.32	576.16	559.65	410.61
124.0	241.79	322.47	581.01	602.36	450.81
124.5	245.45	325.87	585.85	640.73	492.47
125.0	248.85	329.15	589.79	673.08	535.43
125.5	252.39	332.28	593.84	700.59	582.45
126.0	255.80	335.29	597.25	724.43	628.29
126.5	259.20	338.44	600.52	745.77	670.20
127.0	262.73	341.72	603.67	766.73	708.57
127.5	266.28	344.73	606.68	784.93	739.88
128.0	269.81	347.87	609.83	799.87	768.04
128.5	272.96	351.01	612.31	811.65	793.19
129.0	276.36	354.03	614.80	821.87	816.51
129.5	279.63	356.91	617.03	830.12	837.72
130.0	283.04	359.79	619.25	837.07	855.67
130.5	286.19	362.67	621.35	842.44	869.95
131.0	289.45	365.56	623.32	847.15	881.20
131.5	292.87	368.44	625.15	850.95	890.76
132.0	295.88	371.05	626.85	854.09	898.76
132.5	299.15	373.93	628.03	856.84	905.31
133.0	302.29	376.68	629.33	859.07	910.55
133.5	305.56	379.31	630.52	860.64	915.00
134.0	308.71	381.92	631.17	861.95	918.67
134.5	311.85	384.55	631.96	863.00	921.93
135.0	314.87	387.16	632.48	863.79	924.43
135.5	318.01	389.65	632.48	864.44	926.27
136.0	321.15	392.27	632.75	864.71	927.83
136.5	324.16	394.63	632.88	864.57	928.88
137.0	327.17	396.99	632.48	863.79	929.40
137.5	330.19	399.35	632.09	862.73	929.93
138.0	333.20	401.84	631.56	861.29	929.80
138.5	336.08	404.07	630.65	859.72	929.01

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

139.0	339.09	406.41	629.60	857.76	927.83
139.5	341.85	408.52	628.68	855.80	926.27
140.0	344.73	410.75	627.51	853.44	924.16
140.5	347.61	412.84	625.80	850.81	921.55
141.0	350.36	414.93	624.23	847.68	918.67
141.5	353.24	417.03	622.65	844.01	915.25
142.0	355.99	418.99	620.96	839.95	911.99
142.5	359.00	421.09	619.12	835.36	907.92
143.0	361.49	423.05	617.29	830.77	903.60
143.5	364.37	424.88	615.32	825.67	898.76
144.0	367.25	426.72	613.23	820.56	893.52
144.5	369.75	428.55	611.27	815.19	887.76
145.0	372.36	430.39	609.04	809.29	881.60
145.5	374.99	432.09	606.95	803.40	875.05
146.0	377.47	433.92	604.45	797.12	868.24
146.5	380.09	435.63	602.09	790.96	861.29
147.0	382.71	437.07	599.73	784.28	853.96
147.5	385.47	438.64	597.39	777.60	846.36
148.0	387.81	439.95	594.89	770.67	838.24
148.5	390.17	441.39	592.40	763.85	830.39
149.0	392.67	442.69	589.79	757.04	822.27
149.5	395.03	444.01	587.29	749.97	813.88
150.0	397.12	445.19	584.68	742.89	805.37
150.5	399.48	446.24	581.92	735.83	796.72
151.0	401.57	447.28	579.17	728.75	788.08
151.5	403.80	448.33	576.29	721.55	779.31
152.0	405.76	449.37	573.68	714.47	770.67
152.5	407.85	450.43	570.79	707.13	761.88
153.0	409.96	451.21	568.04	700.07	753.24
153.5	411.79	452.13	565.29	693.12	744.60
154.0	413.88	452.79	562.41	685.92	735.69
154.5	415.59	453.44	559.53	678.85	727.04
155.0	417.41	454.23	556.65	671.91	718.15
155.5	419.39	454.88	553.76	664.83	709.49
156.0	421.21	455.67	551.01	657.76	700.72
156.5	422.92	456.32	548.13	650.95	692.21
157.0	424.63	456.84	545.25	643.88	683.69
157.5	426.32	457.37	542.24	637.20	675.19
158.0	427.77	457.76	539.63	630.52	666.93
158.5	429.47	458.15	536.73	623.71	658.81
159.0	431.04	458.41	533.85	617.16	650.56
159.5	432.48	458.68	530.97	610.61	642.57
160.0	433.92	459.07	528.23	604.32	634.57
160.5	435.36	459.33	525.35	597.91	626.59
161.0	436.67	459.60	522.59	591.75	618.99
161.5	437.99	459.99	519.84	585.59	611.27
162.0	439.29	460.12	517.23	579.69	603.80
162.5	440.60	460.37	514.47	573.80	596.60
163.0	441.79	460.51	511.85	567.91	589.25
163.5	442.96	460.64	509.49	562.41	582.32
164.0	444.13	460.64	507.01	556.77	575.37
164.5	445.19	460.77	504.52	551.41	568.83
165.0	446.24	460.91	502.16	546.04	562.28
165.5	447.41	460.91	499.80	541.07	555.99
166.0	448.47	460.91	497.44	535.95	549.97
166.5	449.37	461.04	495.35	531.24	543.95

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

CANDELA TABULATION - (Cont.)

167.0	450.29	461.04	493.12	526.65	538.44
167.5	451.08	460.91	491.03	522.07	532.81
168.0	452.00	460.91	488.93	517.75	527.57
168.5	452.79	460.77	486.84	513.56	522.33
169.0	453.71	460.91	484.87	509.63	517.61
169.5	454.48	460.91	482.91	505.56	512.64
170.0	455.15	460.91	481.20	501.89	508.32
170.5	456.05	460.91	479.37	498.23	504.00
171.0	456.71	460.91	477.67	494.83	499.80
171.5	457.24	460.91	476.09	491.55	496.00
172.0	458.03	460.91	474.52	488.41	491.95
172.5	458.55	460.91	473.08	485.65	488.80
173.0	459.07	460.91	471.51	483.04	485.40
173.5	459.47	460.91	470.33	480.41	482.39
174.0	459.99	460.91	469.03	478.19	479.37
174.5	460.51	460.91	467.97	476.23	476.75
175.0	460.77	460.77	466.80	474.27	474.27
175.5	461.16	460.77	466.15	472.56	472.29
176.0	461.43	460.64	465.36	471.12	470.20
176.5	461.83	460.77	464.57	469.68	468.63
177.0	461.95	460.64	464.17	468.51	467.19
177.5	462.21	460.64	463.52	467.32	465.88
178.0	462.35	460.64	463.13	466.15	464.96
178.5	462.48	460.64	462.73	465.09	464.31
179.0	462.60	460.51	462.35	464.31	463.79
179.5	462.60	460.51	461.95	463.79	463.39
180.0	462.21	462.21	462.21	462.21	462.21

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I5-30-80-FW-W.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	192.29	N.A.	5.50
0-30	406.00	N.A.	11.60
0-40	661.16	N.A.	18.90
0-60	1161.38	N.A.	33.20
0-80	1457.27	N.A.	41.60
0-90	1499.4	N.A.	42.80
10-90	1449.43	N.A.	41.40
20-40	468.86	N.A.	13.40
20-50	731.84	N.A.	20.90
40-70	683.72	N.A.	19.50
60-80	295.89	N.A.	8.50
70-80	112.40	N.A.	3.20
80-90	42.13	N.A.	1.20
90-110	63.57	N.A.	1.80
90-120	250.89	N.A.	7.20
90-130	681.12	N.A.	19.50
90-150	1550.45	N.A.	44.30
90-180	2000.58	N.A.	57.20
110-180	1937.01	N.A.	55.30
0-180	3499.98	N.A.	100.00

Total Luminaire Efficiency = N.A.%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	49.97
10-20	142.33
20-30	213.71
30-40	255.15
40-50	262.98
50-60	237.25
60-70	183.49
70-80	112.40
80-90	42.13
90-100	8.99
100-110	54.58
110-120	187.33
120-130	430.23
130-140	481.37
140-150	387.96
150-160	261.31
160-170	143.75
170-180	45.06

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I5-30-80-FW-W.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

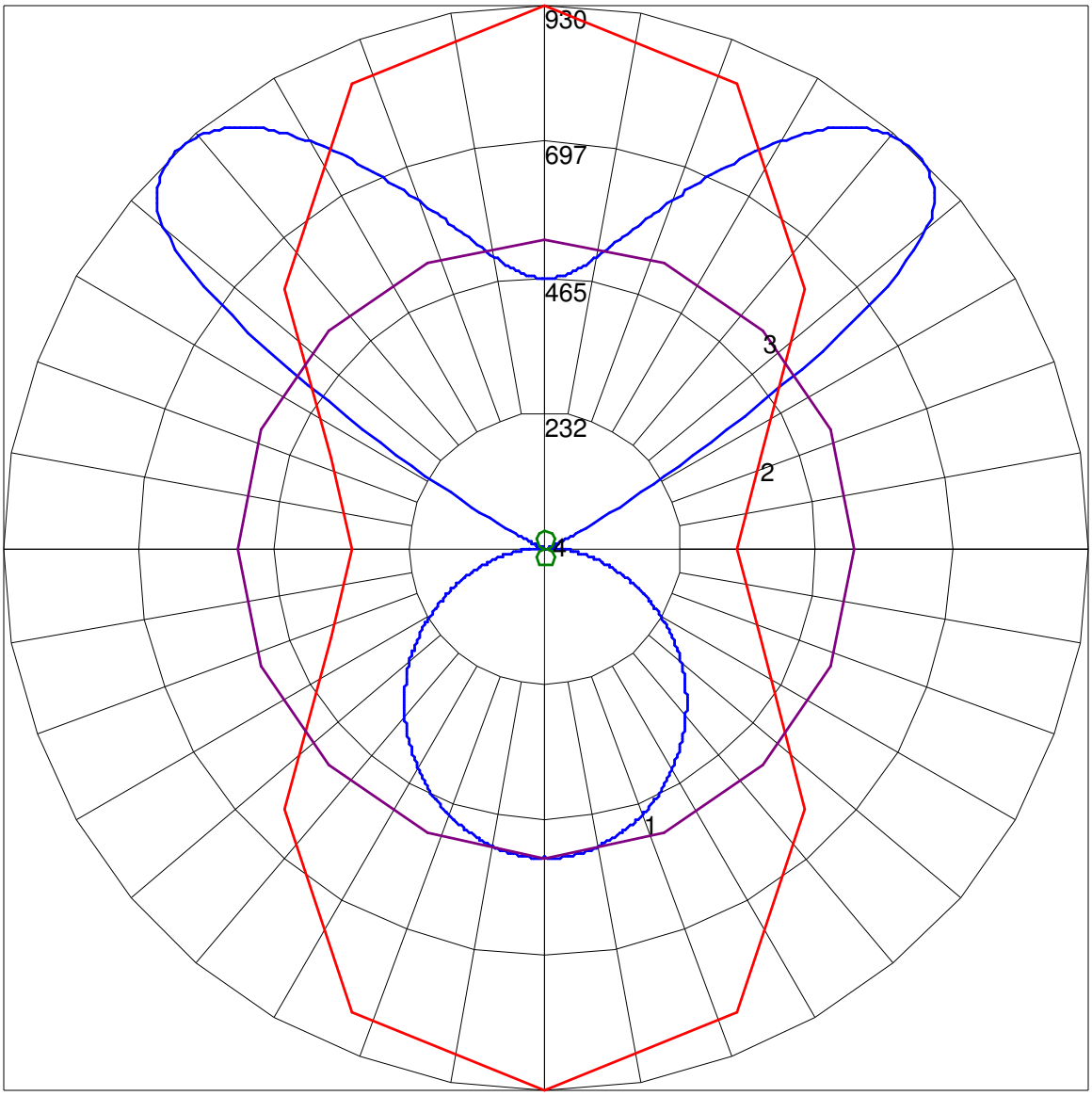
Effective Floor Cavity Reflectance 0.20

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	105	105	105	105	96	96	96	96	79	79	79	64	64	64	50	50	50	43
1	96	91	88	84	87	84	80	77	69	67	64	56	54	52	43	42	41	35
2	87	80	73	68	79	73	68	63	60	56	53	49	46	44	38	36	34	29
3	79	70	62	57	72	64	58	52	53	48	44	43	39	37	33	31	29	25
4	72	62	54	48	66	57	50	44	47	42	38	38	34	31	30	27	25	21
5	66	55	47	41	60	50	43	38	42	36	32	34	30	27	27	24	22	18
6	61	49	41	35	56	45	38	33	38	32	28	31	27	23	24	21	19	16
7	56	44	36	31	51	41	34	29	34	29	25	28	24	21	22	19	17	14
8	52	40	32	27	48	37	30	25	31	26	22	25	21	18	20	17	15	13
9	49	36	29	24	44	34	27	22	28	23	19	23	19	16	19	16	13	11
10	45	33	26	21	41	31	24	20	26	21	17	22	18	15	17	14	12	10

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I5-30-80-FW-W.IES

POLAR GRAPH



Maximum Candela = 929.93 Located At Horizontal Angle = 90, Vertical Angle = 137.5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (137.5) (Through Max. Cd.)
3 - Horizontal Cone Through Vertical Angle (2)
4 - Horizontal Cone Through Vertical Angle (90)

Photometric Toolbox Professional Edition - Copyright 2002-2012 by Lighting Analysts, Inc.
Calculations based on published IES Methods and recommendations, values rounded for display purposes.
Results derived from content of manufacturers photometric file.