



Picasso Lighting

IES INDOOR REPORT

PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I3-27-80-FW-W.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 13313159.01
[TESTLAB] UL Verification Services Inc.
[ISSUE DATE] 10/29/2023JS
[MANUFAC] Picasso Lighting Industries
[LUMCAT] BLD-4-PF-4-D3-I3-27-80-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, 34.8 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	3000
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	86
Total Luminaire Watts	34.8
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

IES INDOOR REPORT
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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	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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I3-27-80-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

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PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I3-27-80-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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I3-27-80-FW-W.IES

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	1.18	1.47	1.47	1.77	1.87
91.0	2.65	1.38	1.47	1.96	1.96
91.5	3.93	1.47	1.47	1.96	1.96
92.0	5.30	1.87	1.47	1.77	1.96
92.5	6.78	2.26	1.57	2.06	1.96
93.0	8.25	2.85	1.96	2.06	1.96
93.5	9.92	3.34	2.16	2.26	2.16
94.0	11.69	4.03	2.55	2.46	2.36
94.5	13.36	4.72	2.75	2.65	2.55
95.0	15.42	5.50	3.05	2.95	2.85
95.5	17.68	6.29	3.44	3.14	3.05
96.0	19.94	6.88	3.93	3.44	3.34
96.5	22.50	7.47	4.32	3.73	3.63
97.0	24.85	8.06	5.01	3.93	3.93
97.5	27.41	8.55	5.60	4.22	4.22
98.0	30.06	9.23	6.09	4.62	4.62
98.5	33.01	10.22	6.68	5.11	5.01
99.0	35.85	11.69	7.07	5.70	5.60
99.5	38.70	13.36	7.66	6.39	6.19
100.0	41.55	15.91	8.15	6.97	6.68
100.5	44.60	18.96	8.55	7.76	7.37
101.0	47.45	22.59	8.94	8.45	8.06
101.5	50.59	27.41	9.33	9.04	8.64
102.0	53.83	33.20	9.53	9.63	9.33
102.5	56.78	39.49	9.72	10.22	9.82
103.0	59.92	46.56	10.02	10.71	10.31
103.5	62.97	53.83	10.41	11.20	10.81
104.0	65.91	61.79	11.00	11.59	11.20
104.5	68.96	70.43	11.79	11.89	11.49
105.0	72.00	80.45	13.06	12.08	11.79
105.5	75.05	93.12	14.54	12.28	11.98
106.0	78.19	105.21	16.31	12.57	12.18
106.5	81.34	114.24	18.76	12.77	12.18
107.0	84.28	121.12	21.51	12.97	12.38
107.5	87.33	127.80	24.95	13.26	12.48
108.0	90.28	133.99	28.78	13.65	12.67
108.5	93.32	139.39	33.20	14.24	12.87
109.0	96.27	144.50	38.90	15.13	13.16
109.5	99.21	149.12	45.97	16.01	13.65
110.0	102.36	153.63	55.01	17.19	14.34
110.5	105.30	157.86	65.32	18.66	15.13

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PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I3-27-80-FW-W.IES

CANDELA TABULATION - (Cont.)

111.0	108.35	161.89	76.92	20.53	16.21
111.5	111.30	165.72	89.10	22.79	17.19
112.0	114.24	169.45	102.36	25.44	18.57
112.5	117.29	173.18	116.11	28.49	20.14
113.0	120.04	176.72	130.35	32.02	22.30
113.5	122.99	180.45	146.76	36.15	24.46
114.0	125.93	183.89	164.24	41.16	27.21
114.5	128.68	187.43	183.89	47.74	30.45
115.0	131.43	190.77	203.34	55.89	33.99
115.5	134.28	194.20	223.87	66.60	38.21
116.0	137.13	197.35	244.50	78.19	43.61
116.5	139.98	200.49	266.90	91.45	50.49
117.0	142.83	203.54	290.37	105.89	59.14
117.5	145.58	206.58	312.67	121.22	69.55
118.0	148.33	209.43	332.51	138.02	81.63
118.5	151.18	212.38	347.84	155.60	94.79
119.0	154.03	215.32	361.39	174.75	109.63
119.5	156.78	218.07	373.38	195.48	125.15
120.0	159.53	220.92	384.87	219.06	142.24
120.5	162.28	223.67	395.19	244.01	160.12
121.0	165.03	226.52	404.03	271.02	179.76
121.5	167.78	229.17	411.20	298.43	201.28
122.0	170.53	231.73	417.49	326.92	224.56
122.5	173.18	234.48	422.99	356.78	250.79
123.0	175.93	236.94	427.80	386.94	278.78
123.5	178.78	239.49	432.12	419.74	307.96
124.0	181.34	241.85	435.76	451.77	338.11
124.5	184.09	244.40	439.39	480.55	369.35
125.0	186.64	246.86	442.34	504.81	401.57
125.5	189.29	249.21	445.38	525.44	436.84
126.0	191.85	251.47	447.94	543.32	471.22
126.5	194.40	253.83	450.39	559.33	502.65
127.0	197.05	256.29	452.75	575.05	531.43
127.5	199.71	258.55	455.01	588.70	554.91
128.0	202.36	260.90	457.37	599.90	576.03
128.5	204.72	263.26	459.23	608.74	594.89
129.0	207.27	265.52	461.10	616.40	612.38
129.5	209.72	267.68	462.77	622.59	628.29
130.0	212.28	269.84	464.44	627.80	641.75
130.5	214.64	272.00	466.01	631.83	652.46
131.0	217.09	274.17	467.49	635.36	660.90
131.5	219.65	276.33	468.86	638.21	668.07
132.0	221.91	278.29	470.14	640.57	674.07
132.5	224.36	280.45	471.02	642.63	678.98
133.0	226.72	282.51	472.00	644.30	682.91
133.5	229.17	284.48	472.89	645.48	686.25
134.0	231.53	286.44	473.38	646.46	689.00
134.5	233.89	288.41	473.97	647.25	691.45
135.0	236.15	290.37	474.36	647.84	693.32
135.5	238.51	292.24	474.36	648.33	694.70
136.0	240.86	294.20	474.56	648.53	695.87
136.5	243.12	295.97	474.66	648.43	696.66
137.0	245.38	297.74	474.36	647.84	697.05
137.5	247.64	299.51	474.07	647.05	697.45
138.0	249.90	301.38	473.67	645.97	697.35
138.5	252.06	303.05	472.99	644.79	696.76

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CANDELA TABULATION - (Cont.)

139.0	254.32	304.81	472.20	643.32	695.87
139.5	256.39	306.39	471.51	641.85	694.70
140.0	258.55	308.06	470.63	640.08	693.12
140.5	260.71	309.63	469.35	638.11	691.16
141.0	262.77	311.20	468.17	635.76	689.00
141.5	264.93	312.77	466.99	633.01	686.44
142.0	266.99	314.24	465.72	629.96	683.99
142.5	269.25	315.82	464.34	626.52	680.94
143.0	271.12	317.29	462.97	623.08	677.70
143.5	273.28	318.66	461.49	619.25	674.07
144.0	275.44	320.04	459.92	615.42	670.14
144.5	277.31	321.41	458.45	611.39	665.82
145.0	279.27	322.79	456.78	606.97	661.20
145.5	281.24	324.07	455.21	602.55	656.29
146.0	283.10	325.44	453.34	597.84	651.18
146.5	285.07	326.72	451.57	593.22	645.97
147.0	287.03	327.80	449.80	588.21	640.47
147.5	289.10	328.98	448.04	583.20	634.77
148.0	290.86	329.96	446.17	578.00	628.68
148.5	292.63	331.04	444.30	572.89	622.79
149.0	294.50	332.02	442.34	567.78	616.70
149.5	296.27	333.01	440.47	562.48	610.41
150.0	297.84	333.89	438.51	557.17	604.03
150.5	299.61	334.68	436.44	551.87	597.54
151.0	301.18	335.46	434.38	546.56	591.06
151.5	302.85	336.25	432.22	541.16	584.48
152.0	304.32	337.03	430.26	535.85	578.00
152.5	305.89	337.82	428.09	530.35	571.41
153.0	307.47	338.41	426.03	525.05	564.93
153.5	308.84	339.10	423.97	519.84	558.45
154.0	310.41	339.59	421.81	514.44	551.77
154.5	311.69	340.08	419.65	509.14	545.28
155.0	313.06	340.67	417.49	503.93	538.61
155.5	314.54	341.16	415.32	498.62	532.12
156.0	315.91	341.75	413.26	493.32	525.54
156.5	317.19	342.24	411.10	488.21	519.16
157.0	318.47	342.63	408.94	482.91	512.77
157.5	319.74	343.03	406.68	477.90	506.39
158.0	320.83	343.32	404.72	472.89	500.20
158.5	322.10	343.61	402.55	467.78	494.11
159.0	323.28	343.81	400.39	462.87	487.92
159.5	324.36	344.01	398.23	457.96	481.93
160.0	325.44	344.30	396.17	453.24	475.93
160.5	326.52	344.50	394.01	448.43	469.94
161.0	327.50	344.70	391.94	443.81	464.24
161.5	328.49	344.99	389.88	439.19	458.45
162.0	329.47	345.09	387.92	434.77	452.85
162.5	330.45	345.28	385.85	430.35	447.45
163.0	331.34	345.38	383.89	425.93	441.94
163.5	332.22	345.48	382.12	421.81	436.74
164.0	333.10	345.48	380.26	417.58	431.53
164.5	333.89	345.58	378.39	413.56	426.62
165.0	334.68	345.68	376.62	409.53	421.71
165.5	335.56	345.68	374.85	405.80	416.99
166.0	336.35	345.68	373.08	401.96	412.48
166.5	337.03	345.78	371.51	398.43	407.96

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I3-27-80-FW-W.IES

CANDELA TABULATION - (Cont.)

167.0	337.72	345.78	369.84	394.99	403.83
167.5	338.31	345.68	368.27	391.55	399.61
168.0	339.00	345.68	366.70	388.31	395.68
168.5	339.59	345.58	365.13	385.17	391.75
169.0	340.28	345.68	363.65	382.22	388.21
169.5	340.86	345.68	362.18	379.17	384.48
170.0	341.36	345.68	360.90	376.42	381.24
170.5	342.04	345.68	359.53	373.67	378.00
171.0	342.53	345.68	358.25	371.12	374.85
171.5	342.93	345.68	357.07	368.66	372.00
172.0	343.52	345.68	355.89	366.31	368.96
172.5	343.91	345.68	354.81	364.24	366.60
173.0	344.30	345.68	353.63	362.28	364.05
173.5	344.60	345.68	352.75	360.31	361.79
174.0	344.99	345.68	351.77	358.64	359.53
174.5	345.38	345.68	350.98	357.17	357.56
175.0	345.58	345.58	350.10	355.70	355.70
175.5	345.87	345.58	349.61	354.42	354.22
176.0	346.07	345.48	349.02	353.34	352.65
176.5	346.37	345.58	348.43	352.26	351.47
177.0	346.46	345.48	348.13	351.38	350.39
177.5	346.66	345.48	347.64	350.49	349.41
178.0	346.76	345.48	347.35	349.61	348.72
178.5	346.86	345.48	347.05	348.82	348.23
179.0	346.95	345.38	346.76	348.23	347.84
179.5	346.95	345.38	346.46	347.84	347.54
180.0	346.66	346.66	346.66	346.66	346.66

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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	192.29	N.A.	6.40
0-30	406.00	N.A.	13.50
0-40	661.16	N.A.	22.00
0-60	1161.38	N.A.	38.70
0-80	1457.27	N.A.	48.60
0-90	1499.4	N.A.	50.00
10-90	1449.43	N.A.	48.30
20-40	468.86	N.A.	15.60
20-50	731.84	N.A.	24.40
40-70	683.72	N.A.	22.80
60-80	295.89	N.A.	9.90
70-80	112.40	N.A.	3.70
80-90	42.13	N.A.	1.40
90-110	47.82	N.A.	1.60
90-120	188.31	N.A.	6.30
90-130	510.98	N.A.	17.00
90-150	1162.98	N.A.	38.80
90-180	1500.57	N.A.	50.00
110-180	1452.76	N.A.	48.40
0-180	2999.97	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	6.88
100-110	40.93
110-120	140.49
120-130	322.67
130-140	361.03
140-150	290.97
150-160	195.98
160-170	107.81
170-180	33.80

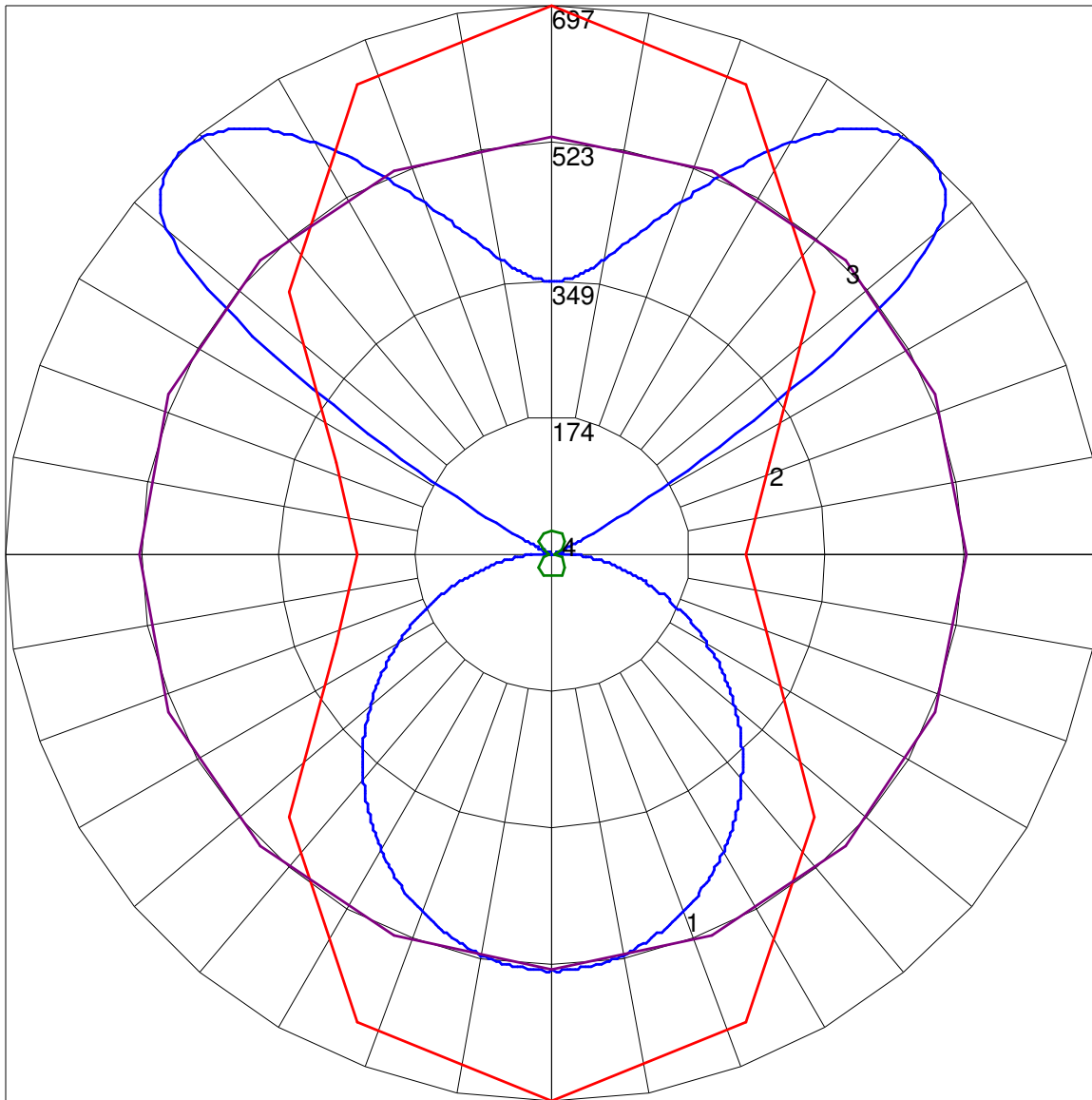
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLD-4-PF-4-D3-I3-27-80-FW-W.IES

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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	97	93	89	85	90	86	82	79	73	70	68	60	59	57	49	48	47	41
2	89	81	75	69	81	75	69	65	63	59	56	53	50	47	43	41	39	34
3	81	71	63	57	74	66	59	54	56	51	47	46	43	40	38	35	33	29
4	74	63	55	48	68	58	51	45	49	44	40	41	37	34	34	31	28	25
5	68	56	48	41	62	52	44	39	44	38	34	37	33	29	30	27	24	21
6	62	50	42	36	57	46	39	34	40	34	30	33	29	25	27	24	21	19
7	57	45	37	31	53	42	35	30	36	30	26	30	26	22	25	22	19	16
8	53	41	33	28	49	38	31	26	33	27	23	28	23	20	23	20	17	15
9	50	37	30	25	46	35	28	23	30	24	21	25	21	18	21	18	15	13
10	46	34	27	22	43	32	25	21	28	22	19	23	19	16	20	16	14	12

POLAR GRAPH



Maximum Candela = 697.45 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)