



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : P23-FLSH-LED35-LO-SAL-D1.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] 11476049.04  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUE DATE] 10/12/2016  
 [MANUFAC] Prudential Lighting Corp  
 [LUMCAT] P23-FLSH-LED35-LO-SAL-D1  
 [LUMINAIRE] Rectangular formed grey aluminum housing with internal white aluminum reflectors and a frosted plastic lens  
 [LAMP] 120 White LEDs  
 [BALLAST] One (1) OSRAM Optotronic OT30W/PRG1050C/UNV/DIM/L  
 [OTHER] 24.6 C, 120.078 V, 0.1546 A, 18.458 W, 0.9938 PF, 59.99 Hz  
 [OTHER] This test was performed using the calibrated photodetector method of absolute photometry.

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1686
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	91
Total Luminaire Watts	18.458
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.04
Spacing Criterion (90-270)	1.16
Spacing Criterion (Diagonal)	1.18
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	5389	6168	7159
55	4571	5289	6343
65	3889	4522	5461
75	3265	3741	4437
85	2519	2857	3126

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**CANDELA TABULATION**

	<b>0.0</b>	<b>22.5</b>	<b>45.0</b>	<b>67.5</b>	<b>90.0</b>
<b>0.0</b>	797.00	797.00	797.00	797.00	797.00
<b>0.5</b>	803.60	796.70	796.70	796.30	792.20
<b>1.0</b>	803.30	796.20	796.50	796.10	792.10
<b>1.5</b>	802.80	795.90	796.10	795.90	791.80
<b>2.0</b>	802.10	795.30	795.60	795.50	791.50
<b>2.5</b>	801.40	794.40	795.10	795.00	791.00
<b>3.0</b>	800.50	793.50	794.30	794.20	790.30
<b>3.5</b>	799.10	792.40	793.30	793.40	789.60
<b>4.0</b>	797.80	791.00	792.00	792.30	788.80
<b>4.5</b>	796.10	789.50	790.70	791.10	787.60
<b>5.0</b>	794.30	787.80	789.20	790.00	786.50
<b>5.5</b>	792.20	785.80	787.50	788.50	785.30
<b>6.0</b>	790.10	783.70	785.80	787.20	784.20
<b>6.5</b>	787.60	781.40	783.80	785.80	783.30
<b>7.0</b>	785.10	779.00	781.80	784.50	782.90
<b>7.5</b>	782.40	776.40	779.70	783.80	782.60
<b>8.0</b>	779.20	773.60	777.30	783.10	781.30
<b>8.5</b>	776.00	770.70	775.10	781.90	779.40
<b>9.0</b>	772.60	767.60	772.80	779.80	776.60
<b>9.5</b>	769.10	764.40	770.90	776.90	773.40
<b>10.0</b>	765.50	760.80	769.00	773.30	770.80
<b>10.5</b>	761.60	757.30	766.60	770.30	768.40
<b>11.0</b>	757.60	753.50	763.70	767.40	766.10
<b>11.5</b>	753.40	749.50	760.40	764.60	763.70
<b>12.0</b>	749.20	745.60	756.50	761.90	761.20
<b>12.5</b>	744.60	741.40	752.00	759.00	758.70
<b>13.0</b>	740.00	737.20	747.60	756.10	755.90
<b>13.5</b>	735.20	732.60	743.50	753.10	753.20
<b>14.0</b>	730.30	728.00	739.30	749.90	750.40
<b>14.5</b>	725.30	723.20	735.10	746.60	747.60
<b>15.0</b>	720.10	718.40	731.00	743.30	745.30
<b>15.5</b>	714.50	713.50	726.80	739.90	743.10
<b>16.0</b>	709.10	708.50	722.40	736.70	740.70
<b>16.5</b>	703.50	703.60	717.90	734.10	737.80
<b>17.0</b>	697.70	698.70	713.30	731.50	734.00
<b>17.5</b>	691.90	693.70	708.60	727.90	729.30
<b>18.0</b>	685.90	688.60	703.70	724.10	724.60
<b>18.5</b>	679.80	683.00	698.70	719.60	720.60
<b>19.0</b>	673.70	677.40	693.80	714.10	716.80
<b>19.5</b>	667.20	671.40	688.60	709.00	712.80
<b>20.0</b>	660.90	665.40	683.50	704.20	708.80
<b>20.5</b>	654.40	659.30	678.50	699.60	704.80
<b>21.0</b>	647.80	652.80	673.80	695.10	700.60
<b>21.5</b>	641.10	646.00	669.30	690.60	696.40
<b>22.0</b>	635.90	639.20	664.40	685.90	692.30
<b>22.5</b>	629.20	632.20	659.00	681.00	688.60
<b>23.0</b>	621.90	625.30	653.30	676.30	684.50
<b>23.5</b>	615.00	618.60	647.00	671.40	680.90
<b>24.0</b>	607.80	611.80	640.20	666.80	676.70
<b>24.5</b>	600.60	605.00	633.20	662.20	672.40
<b>25.0</b>	593.50	598.30	626.80	658.00	667.20
<b>25.5</b>	586.00	591.30	620.30	653.70	660.80
<b>26.0</b>	578.70	584.60	614.00	648.60	654.90
<b>26.5</b>	571.50	577.80	607.90	643.40	649.40

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**CANDELA TABULATION - (Cont.)**

27.0	564.10	571.10	601.70	637.20	644.40
27.5	556.90	564.20	595.50	630.50	639.10
28.0	549.90	557.30	589.20	624.20	633.80
28.5	542.80	550.40	582.90	618.30	628.60
29.0	535.80	543.50	576.60	612.50	623.70
29.5	528.70	536.60	570.30	606.70	619.00
30.0	521.80	529.80	564.20	600.90	613.50
30.5	514.70	522.60	558.20	595.20	608.80
31.0	507.70	515.80	551.90	589.60	603.90
31.5	500.70	508.90	545.90	584.10	598.70
32.0	493.70	502.00	539.90	578.50	592.50
32.5	486.90	495.30	533.50	573.30	585.40
33.0	480.00	488.40	526.60	568.10	578.70
33.5	473.00	481.50	519.90	562.00	572.60
34.0	466.10	474.70	512.80	555.80	566.60
34.5	459.20	468.00	505.50	548.70	560.70
35.0	452.30	461.30	498.70	541.20	555.10
35.5	445.50	454.60	492.10	534.50	550.10
36.0	438.30	448.00	485.60	528.10	544.00
36.5	431.40	441.50	479.00	522.00	537.70
37.0	425.30	434.80	472.40	515.90	533.00
37.5	418.60	428.20	465.90	510.30	527.20
38.0	411.90	422.00	459.40	504.00	521.10
38.5	404.80	415.60	452.90	498.00	513.70
39.0	398.50	408.60	446.40	492.60	506.20
39.5	392.10	403.10	440.00	486.90	499.60
40.0	385.70	396.80	433.60	480.90	493.20
40.5	379.00	390.50	427.00	474.50	487.40
41.0	372.50	384.10	421.00	467.00	482.20
41.5	366.50	377.90	414.80	459.60	475.20
42.0	360.30	371.70	408.60	453.00	468.90
42.5	354.00	365.40	402.20	446.90	463.90
43.0	348.10	359.50	396.20	441.00	458.20
43.5	342.00	353.50	389.40	434.80	451.80
44.0	336.10	347.80	383.60	428.80	443.60
44.5	330.40	341.90	378.00	422.30	437.40
45.0	324.60	336.00	371.50	417.50	431.20
45.5	319.00	330.20	365.20	411.70	425.80
46.0	313.40	324.50	359.30	405.30	418.50
46.5	307.90	318.80	353.40	397.30	411.60
47.0	302.40	313.20	347.60	390.30	406.90
47.5	297.00	307.60	341.80	385.10	401.10
48.0	291.70	302.10	335.90	378.00	395.40
48.5	286.30	296.50	330.10	372.00	387.80
49.0	281.30	291.10	324.30	365.90	381.00
49.5	276.10	285.80	318.60	360.30	375.40
50.0	271.00	280.60	312.90	354.70	368.10
50.5	266.10	275.20	307.30	348.70	361.60
51.0	261.20	270.20	301.70	342.10	356.70
51.5	256.30	265.10	296.10	335.60	351.70
52.0	251.50	260.10	290.60	329.60	345.60
52.5	246.70	255.20	285.10	323.80	339.00
53.0	241.80	250.20	279.60	317.80	332.10
53.5	237.20	245.30	274.20	312.10	325.60
54.0	232.50	240.50	268.90	306.20	319.50
54.5	227.80	235.70	263.60	300.40	314.30

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**CANDELA TABULATION - (Cont.)**

55.0	223.30	230.90	258.40	294.60	309.90
55.5	218.60	226.30	253.20	289.00	304.40
56.0	214.10	221.60	248.10	283.30	296.70
56.5	209.60	217.10	243.00	277.70	290.20
57.0	205.10	212.50	237.80	272.10	284.50
57.5	200.70	208.10	232.90	266.50	279.40
58.0	196.30	203.50	227.80	260.90	275.50
58.5	191.90	199.30	222.90	255.50	268.30
59.0	187.60	194.80	218.00	249.90	261.50
59.5	183.50	190.40	213.30	244.60	255.90
60.0	179.30	186.10	208.30	239.20	250.80
60.5	175.10	181.90	203.60	233.60	246.50
61.0	171.00	177.60	199.00	228.40	239.70
61.5	167.00	173.40	194.30	223.00	233.50
62.0	163.00	169.20	189.70	217.70	228.30
62.5	159.10	165.20	185.10	212.50	223.60
63.0	155.10	161.00	180.50	207.30	218.20
63.5	151.40	157.10	176.00	202.00	211.70
64.0	147.50	153.00	171.60	196.90	206.40
64.5	143.70	149.00	167.10	191.80	201.70
65.0	140.00	145.20	162.80	186.70	196.60
65.5	136.30	141.30	158.40	181.50	190.60
66.0	132.50	137.40	154.00	176.50	185.10
66.5	128.80	133.60	149.60	171.50	181.10
67.0	125.20	129.70	145.40	166.60	175.00
67.5	121.70	126.00	141.20	161.60	169.80
68.0	118.10	122.40	137.00	156.80	165.90
68.5	114.50	118.70	132.90	152.00	159.60
69.0	111.00	115.10	128.70	147.20	154.70
69.5	107.70	111.60	124.60	142.40	150.20
70.0	104.60	108.10	120.50	137.70	144.70
70.5	101.20	104.60	116.60	133.00	140.10
71.0	97.84	101.10	112.60	128.40	135.00
71.5	94.47	97.76	108.80	123.90	130.40
72.0	91.15	94.39	104.80	119.50	125.60
72.5	87.88	91.04	101.00	115.00	120.80
73.0	84.64	87.67	97.29	110.70	116.00
73.5	81.42	84.32	93.45	106.30	111.30
74.0	78.22	81.02	89.79	101.90	106.80
74.5	75.06	77.77	86.12	97.68	102.30
75.0	71.97	74.54	82.47	93.52	97.81
75.5	68.88	71.35	78.87	89.39	93.31
76.0	65.86	68.21	75.27	85.21	89.11
76.5	62.86	65.07	71.75	81.09	84.64
77.0	59.88	62.01	68.29	77.06	80.44
77.5	56.98	58.99	64.88	73.08	76.16
78.0	54.10	56.01	61.53	69.16	71.99
78.5	51.27	53.08	58.24	65.33	67.89
79.0	48.47	50.18	54.98	61.54	63.87
79.5	45.72	47.32	51.82	57.84	59.94
80.0	43.01	44.51	48.68	54.24	56.12
80.5	40.32	41.75	45.61	50.70	52.39
81.0	37.73	39.04	42.63	47.24	48.72
81.5	35.15	36.40	39.72	43.86	45.14
82.0	32.67	33.80	36.88	40.60	41.69
82.5	30.18	31.26	34.06	37.42	38.33

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**CANDELA TABULATION - (Cont.)**

83.0	27.78	28.82	31.36	34.32	35.08
83.5	25.41	26.40	28.73	31.38	31.93
84.0	23.13	24.05	26.15	28.49	28.91
84.5	20.87	21.75	23.64	25.66	26.00
85.0	18.70	19.51	21.21	22.97	23.21
85.5	16.55	17.29	18.84	20.26	20.51
86.0	14.49	15.13	16.51	17.71	17.90
86.5	12.45	13.04	14.24	15.28	15.41
87.0	10.43	11.01	12.04	12.89	12.96
87.5	8.53	9.05	9.94	10.59	10.61
88.0	6.67	7.35	8.05	8.40	8.35
88.5	4.85	5.78	6.40	6.61	6.43
89.0	3.11	4.30	4.86	5.10	5.12
89.5	1.74	2.99	3.56	3.98	3.98
90.0	0.85	2.12	2.54	2.90	2.88
90.5	0.00	0.00	0.00	0.00	0.00
91.0	0.00	0.00	0.00	0.00	0.00
91.5	0.00	0.00	0.00	0.00	0.00
92.0	0.00	0.00	0.00	0.00	0.00
92.5	0.00	0.00	0.00	0.00	0.00
93.0	0.00	0.00	0.00	0.00	0.00
93.5	0.00	0.00	0.00	0.00	0.00
94.0	0.00	0.00	0.00	0.00	0.00
94.5	0.00	0.00	0.00	0.00	0.00
95.0	0.00	0.00	0.00	0.00	0.00
95.5	0.00	0.00	0.00	0.00	0.00
96.0	0.00	0.00	0.00	0.00	0.00
96.5	0.00	0.00	0.00	0.00	0.00
97.0	0.00	0.00	0.00	0.00	0.00
97.5	0.00	0.00	0.00	0.00	0.00
98.0	0.00	0.00	0.00	0.00	0.00
98.5	0.00	0.00	0.00	0.00	0.00
99.0	0.00	0.00	0.00	0.00	0.00
99.5	0.00	0.00	0.00	0.00	0.00
100.0	0.00	0.00	0.00	0.00	0.00
100.5	0.00	0.00	0.00	0.00	0.00
101.0	0.00	0.00	0.00	0.00	0.00
101.5	0.00	0.00	0.00	0.00	0.00
102.0	0.00	0.00	0.00	0.00	0.00
102.5	0.00	0.00	0.00	0.00	0.00
103.0	0.00	0.00	0.00	0.00	0.00
103.5	0.00	0.00	0.00	0.00	0.00
104.0	0.00	0.00	0.00	0.00	0.00
104.5	0.00	0.00	0.00	0.00	0.00
105.0	0.00	0.00	0.00	0.00	0.00
105.5	0.00	0.00	0.00	0.00	0.00
106.0	0.00	0.00	0.00	0.00	0.00
106.5	0.00	0.00	0.00	0.00	0.00
107.0	0.00	0.00	0.00	0.00	0.00
107.5	0.00	0.00	0.00	0.00	0.00
108.0	0.00	0.00	0.00	0.00	0.00
108.5	0.00	0.00	0.00	0.00	0.00
109.0	0.00	0.00	0.00	0.00	0.00
109.5	0.00	0.00	0.00	0.00	0.00
110.0	0.00	0.00	0.00	0.00	0.00
110.5	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

111.0	0.00	0.00	0.00	0.00	0.00
111.5	0.00	0.00	0.00	0.00	0.00
112.0	0.00	0.00	0.00	0.00	0.00
112.5	0.00	0.00	0.00	0.00	0.00
113.0	0.00	0.00	0.00	0.00	0.00
113.5	0.00	0.00	0.00	0.00	0.00
114.0	0.00	0.00	0.00	0.00	0.00
114.5	0.00	0.00	0.00	0.00	0.00
115.0	0.00	0.00	0.00	0.00	0.00
115.5	0.00	0.00	0.00	0.00	0.00
116.0	0.00	0.00	0.00	0.00	0.00
116.5	0.00	0.00	0.00	0.00	0.00
117.0	0.00	0.00	0.00	0.00	0.00
117.5	0.00	0.00	0.00	0.00	0.00
118.0	0.00	0.00	0.00	0.00	0.00
118.5	0.00	0.00	0.00	0.00	0.00
119.0	0.00	0.00	0.00	0.00	0.00
119.5	0.00	0.00	0.00	0.00	0.00
120.0	0.00	0.00	0.00	0.00	0.00
120.5	0.00	0.00	0.00	0.00	0.00
121.0	0.00	0.00	0.00	0.00	0.00
121.5	0.00	0.00	0.00	0.00	0.00
122.0	0.00	0.00	0.00	0.00	0.00
122.5	0.00	0.00	0.00	0.00	0.00
123.0	0.00	0.00	0.00	0.00	0.00
123.5	0.00	0.00	0.00	0.00	0.00
124.0	0.00	0.00	0.00	0.00	0.00
124.5	0.00	0.00	0.00	0.00	0.00
125.0	0.00	0.00	0.00	0.00	0.00
125.5	0.00	0.00	0.00	0.00	0.00
126.0	0.00	0.00	0.00	0.00	0.00
126.5	0.00	0.00	0.00	0.00	0.00
127.0	0.00	0.00	0.00	0.00	0.00
127.5	0.00	0.00	0.00	0.00	0.00
128.0	0.00	0.00	0.00	0.00	0.00
128.5	0.00	0.00	0.00	0.00	0.00
129.0	0.00	0.00	0.00	0.00	0.00
129.5	0.00	0.00	0.00	0.00	0.00
130.0	0.00	0.00	0.00	0.00	0.00
130.5	0.00	0.00	0.00	0.00	0.00
131.0	0.00	0.00	0.00	0.00	0.00
131.5	0.00	0.00	0.00	0.00	0.00
132.0	0.00	0.00	0.00	0.00	0.00
132.5	0.00	0.00	0.00	0.00	0.00
133.0	0.00	0.00	0.00	0.00	0.00
133.5	0.00	0.00	0.00	0.00	0.00
134.0	0.00	0.00	0.00	0.00	0.00
134.5	0.00	0.00	0.00	0.00	0.00
135.0	0.00	0.00	0.00	0.00	0.00
135.5	0.00	0.00	0.00	0.00	0.00
136.0	0.00	0.00	0.00	0.00	0.00
136.5	0.00	0.00	0.00	0.00	0.00
137.0	0.00	0.00	0.00	0.00	0.00
137.5	0.00	0.00	0.00	0.00	0.00
138.0	0.00	0.00	0.00	0.00	0.00
138.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : P23-FLSH-LED35-LO-SAL-D1.IES

CANDELA TABULATION - (Cont.)

139.0	0.00	0.00	0.00	0.00	0.00
139.5	0.00	0.00	0.00	0.00	0.00
140.0	0.00	0.00	0.00	0.00	0.00
140.5	0.00	0.00	0.00	0.00	0.00
141.0	0.00	0.00	0.00	0.00	0.00
141.5	0.00	0.00	0.00	0.00	0.00
142.0	0.00	0.00	0.00	0.00	0.00
142.5	0.00	0.00	0.00	0.00	0.00
143.0	0.00	0.00	0.00	0.00	0.00
143.5	0.00	0.00	0.00	0.00	0.00
144.0	0.00	0.00	0.00	0.00	0.00
144.5	0.00	0.00	0.00	0.00	0.00
145.0	0.00	0.00	0.00	0.00	0.00
145.5	0.00	0.00	0.00	0.00	0.00
146.0	0.00	0.00	0.00	0.00	0.00
146.5	0.00	0.00	0.00	0.00	0.00
147.0	0.00	0.00	0.00	0.00	0.00
147.5	0.00	0.00	0.00	0.00	0.00
148.0	0.00	0.00	0.00	0.00	0.00
148.5	0.00	0.00	0.00	0.00	0.00
149.0	0.00	0.00	0.00	0.00	0.00
149.5	0.00	0.00	0.00	0.00	0.00
150.0	0.00	0.00	0.00	0.00	0.00
150.5	0.00	0.00	0.00	0.00	0.00
151.0	0.00	0.00	0.00	0.00	0.00
151.5	0.00	0.00	0.00	0.00	0.00
152.0	0.00	0.00	0.00	0.00	0.00
152.5	0.00	0.00	0.00	0.00	0.00
153.0	0.00	0.00	0.00	0.00	0.00
153.5	0.00	0.00	0.00	0.00	0.00
154.0	0.00	0.00	0.00	0.00	0.00
154.5	0.00	0.00	0.00	0.00	0.00
155.0	0.00	0.00	0.00	0.00	0.00
155.5	0.00	0.00	0.00	0.00	0.00
156.0	0.00	0.00	0.00	0.00	0.00
156.5	0.00	0.00	0.00	0.00	0.00
157.0	0.00	0.00	0.00	0.00	0.00
157.5	0.00	0.00	0.00	0.00	0.00
158.0	0.00	0.00	0.00	0.00	0.00
158.5	0.00	0.00	0.00	0.00	0.00
159.0	0.00	0.00	0.00	0.00	0.00
159.5	0.00	0.00	0.00	0.00	0.00
160.0	0.00	0.00	0.00	0.00	0.00
160.5	0.00	0.00	0.00	0.00	0.00
161.0	0.00	0.00	0.00	0.00	0.00
161.5	0.00	0.00	0.00	0.00	0.00
162.0	0.00	0.00	0.00	0.00	0.00
162.5	0.00	0.00	0.00	0.00	0.00
163.0	0.00	0.00	0.00	0.00	0.00
163.5	0.00	0.00	0.00	0.00	0.00
164.0	0.00	0.00	0.00	0.00	0.00
164.5	0.00	0.00	0.00	0.00	0.00
165.0	0.00	0.00	0.00	0.00	0.00
165.5	0.00	0.00	0.00	0.00	0.00
166.0	0.00	0.00	0.00	0.00	0.00
166.5	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT  
PHOTOMETRIC FILENAME : P23-FLSH-LED35-LO-SAL-D1.IES

CANDELA TABULATION - (Cont.)

167.0	0.00	0.00	0.00	0.00	0.00
167.5	0.00	0.00	0.00	0.00	0.00
168.0	0.00	0.00	0.00	0.00	0.00
168.5	0.00	0.00	0.00	0.00	0.00
169.0	0.00	0.00	0.00	0.00	0.00
169.5	0.00	0.00	0.00	0.00	0.00
170.0	0.00	0.00	0.00	0.00	0.00
170.5	0.00	0.00	0.00	0.00	0.00
171.0	0.00	0.00	0.00	0.00	0.00
171.5	0.00	0.00	0.00	0.00	0.00
172.0	0.00	0.00	0.00	0.00	0.00
172.5	0.00	0.00	0.00	0.00	0.00
173.0	0.00	0.00	0.00	0.00	0.00
173.5	0.00	0.00	0.00	0.00	0.00
174.0	0.00	0.00	0.00	0.00	0.00
174.5	0.00	0.00	0.00	0.00	0.00
175.0	0.00	0.00	0.00	0.00	0.00
175.5	0.00	0.00	0.00	0.00	0.00
176.0	0.00	0.00	0.00	0.00	0.00
176.5	0.00	0.00	0.00	0.00	0.00
177.0	0.00	0.00	0.00	0.00	0.00
177.5	0.00	0.00	0.00	0.00	0.00
178.0	0.00	0.00	0.00	0.00	0.00
178.5	0.00	0.00	0.00	0.00	0.00
179.0	0.00	0.00	0.00	0.00	0.00
179.5	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00



**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : P23-FLSH-LED35-LO-SAL-D1.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	280.32	N.A.	16.60
0-30	568.87	N.A.	33.80
0-40	882.35	N.A.	52.30
0-60	1407.38	N.A.	83.50
0-80	1660.94	N.A.	98.50
0-90	1685.44	N.A.	100.00
10-90	1610.76	N.A.	95.60
20-40	602.03	N.A.	35.70
20-50	891.89	N.A.	52.90
40-70	689.44	N.A.	40.90
60-80	253.56	N.A.	15.00
70-80	89.15	N.A.	5.30
80-90	24.50	N.A.	1.50
90-110	0.06	N.A.	0.00
90-120	0.06	N.A.	0.00
90-130	0.06	N.A.	0.00
90-150	0.06	N.A.	0.00
90-180	0.06	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1685.5	N.A.	100.00

Total Luminaire Efficiency = N.A.%

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	74.68
10-20	205.64
20-30	288.55
30-40	313.48
40-50	289.87
50-60	235.17
60-70	164.41
70-80	89.15
80-90	24.50
90-100	0.06
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

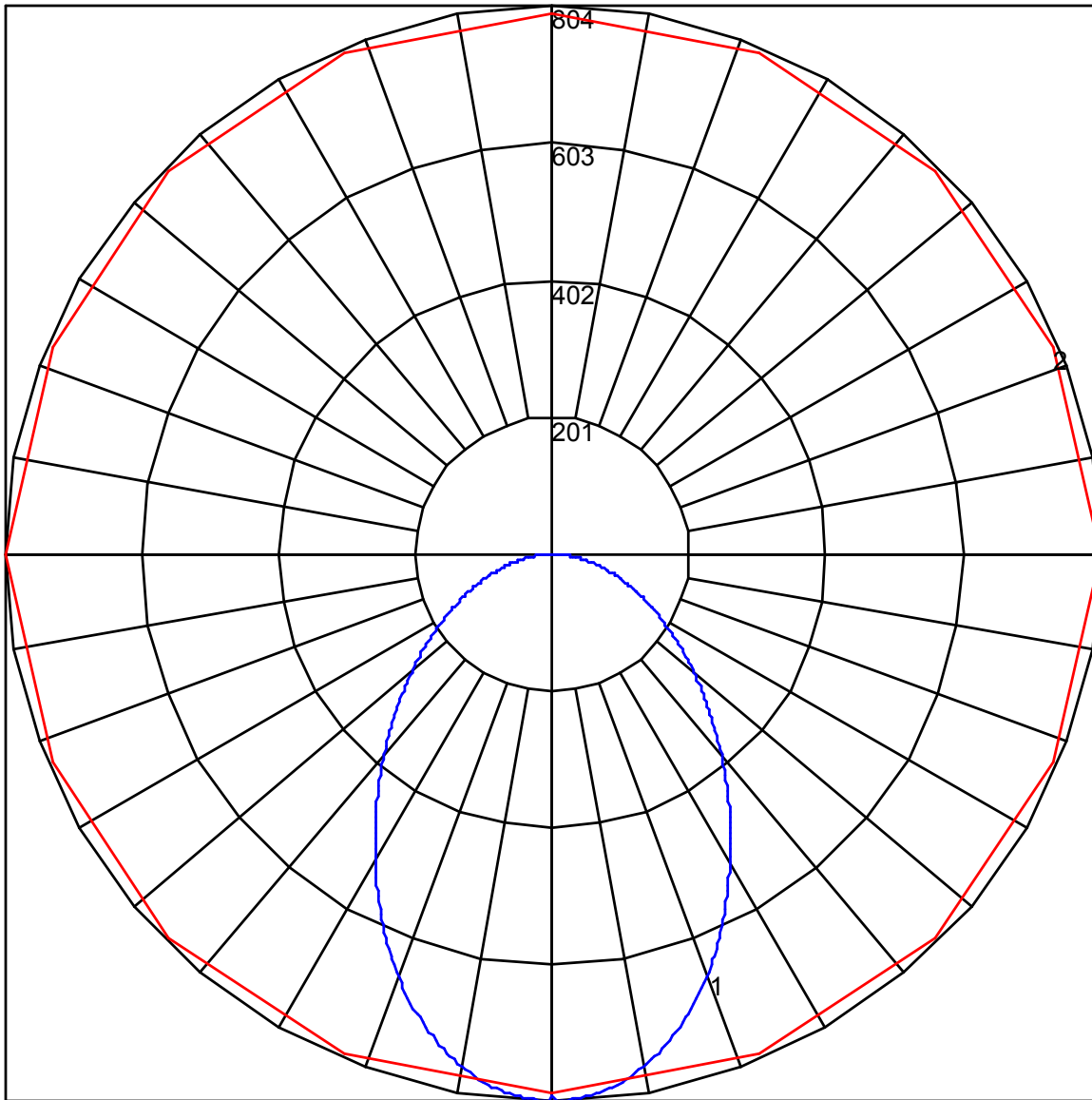
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : P23-FLSH-LED35-LO-SAL-D1.IES**

**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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	110	105	101	98	107	103	99	96	99	96	93	95	92	90	91	89	88	86
2	100	93	86	81	98	91	85	80	87	83	78	84	80	77	81	78	75	73
3	92	82	75	69	90	81	74	68	78	72	67	75	70	66	73	68	65	63
4	85	74	65	59	83	72	65	59	70	63	58	68	62	57	66	61	56	54
5	79	66	58	52	77	65	57	51	63	56	51	61	55	50	60	54	50	48
6	73	60	52	46	71	59	51	45	58	50	45	56	50	45	54	49	44	42
7	68	55	47	41	66	54	46	41	53	46	40	51	45	40	50	44	40	38
8	63	50	42	37	62	50	42	37	48	41	36	47	41	36	46	40	36	34
9	59	47	39	33	58	46	38	33	45	38	33	44	37	33	43	37	33	31
10	56	43	36	31	55	43	35	30	42	35	30	41	35	30	40	34	30	28

POLAR GRAPH



Maximum Candela = 803.6 Located At Horizontal Angle = 0, Vertical Angle = .5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (.5) (Through Max. Cd.)