



## IES INDOOR REPORT

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

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002  
 [TEST] 11476049.07  
 [TESTLAB] UL Verification Services Inc.  
 [ISSUE DATE] 10/12/2016  
 [MANUFAC] Prudential Lighting Corp  
 [LUMCAT] P23-FLSH-LED35-HO-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 OTi 48/120-277/2A0 DIM L  
 [OTHER] 24.9 C, 120.001 V, 0.3686 A, 44.0736 W, 0.9963 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	3540
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	44.0736
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	11365	12980	15042
55	9651	11137	13312
65	8184	9517	11456
75	6863	7829	9308
85	5280	5940	6506

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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>	1670.0	1670.0	1670.0	1670.0	1670.0
<b>0.5</b>	1683.0	1669.0	1669.0	1670.0	1659.0
<b>1.0</b>	1683.0	1669.0	1671.0	1669.0	1661.0
<b>1.5</b>	1684.0	1668.0	1668.0	1668.0	1659.0
<b>2.0</b>	1681.0	1667.0	1667.0	1667.0	1659.0
<b>2.5</b>	1679.0	1665.0	1665.0	1666.0	1659.0
<b>3.0</b>	1676.0	1663.0	1663.0	1664.0	1657.0
<b>3.5</b>	1674.0	1660.0	1661.0	1663.0	1654.0
<b>4.0</b>	1670.0	1658.0	1658.0	1661.0	1653.0
<b>4.5</b>	1669.0	1654.0	1656.0	1658.0	1651.0
<b>5.0</b>	1665.0	1651.0	1653.0	1657.0	1649.0
<b>5.5</b>	1660.0	1646.0	1649.0	1652.0	1646.0
<b>6.0</b>	1656.0	1642.0	1645.0	1650.0	1645.0
<b>6.5</b>	1651.0	1637.0	1643.0	1648.0	1644.0
<b>7.0</b>	1645.0	1632.0	1638.0	1647.0	1644.0
<b>7.5</b>	1640.0	1626.0	1634.0	1646.0	1642.0
<b>8.0</b>	1634.0	1621.0	1631.0	1643.0	1637.0
<b>8.5</b>	1627.0	1615.0	1626.0	1639.0	1630.0
<b>9.0</b>	1618.0	1608.0	1622.0	1632.0	1625.0
<b>9.5</b>	1613.0	1601.0	1619.0	1625.0	1620.0
<b>10.0</b>	1606.0	1594.0	1613.0	1619.0	1616.0
<b>10.5</b>	1598.0	1586.0	1607.0	1613.0	1610.0
<b>11.0</b>	1589.0	1579.0	1599.0	1608.0	1605.0
<b>11.5</b>	1580.0	1571.0	1590.0	1603.0	1601.0
<b>12.0</b>	1571.0	1562.0	1583.0	1597.0	1595.0
<b>12.5</b>	1562.0	1552.0	1574.0	1590.0	1591.0
<b>13.0</b>	1552.0	1544.0	1565.0	1585.0	1585.0
<b>13.5</b>	1542.0	1535.0	1557.0	1579.0	1580.0
<b>14.0</b>	1531.0	1526.0	1549.0	1571.0	1573.0
<b>14.5</b>	1519.0	1516.0	1540.0	1564.0	1569.0
<b>15.0</b>	1508.0	1507.0	1532.0	1558.0	1565.0
<b>15.5</b>	1498.0	1497.0	1521.0	1553.0	1561.0
<b>16.0</b>	1486.0	1488.0	1513.0	1547.0	1553.0
<b>16.5</b>	1474.0	1478.0	1503.0	1540.0	1546.0
<b>17.0</b>	1461.0	1466.0	1494.0	1535.0	1535.0
<b>17.5</b>	1448.0	1456.0	1483.0	1526.0	1525.0
<b>18.0</b>	1435.0	1444.0	1473.0	1516.0	1518.0
<b>18.5</b>	1425.0	1432.0	1463.0	1505.0	1510.0
<b>19.0</b>	1412.0	1420.0	1453.0	1495.0	1502.0
<b>19.5</b>	1398.0	1406.0	1442.0	1485.0	1494.0
<b>20.0</b>	1385.0	1393.0	1433.0	1476.0	1485.0
<b>20.5</b>	1372.0	1379.0	1423.0	1466.0	1477.0
<b>21.0</b>	1358.0	1365.0	1414.0	1457.0	1468.0
<b>21.5</b>	1343.0	1351.0	1404.0	1448.0	1458.0
<b>22.0</b>	1334.0	1338.0	1392.0	1437.0	1451.0
<b>22.5</b>	1319.0	1324.0	1381.0	1428.0	1443.0
<b>23.0</b>	1304.0	1309.0	1367.0	1418.0	1439.0
<b>23.5</b>	1290.0	1296.0	1353.0	1408.0	1430.0
<b>24.0</b>	1275.0	1282.0	1338.0	1399.0	1421.0
<b>24.5</b>	1258.0	1267.0	1325.0	1391.0	1407.0
<b>25.0</b>	1245.0	1253.0	1314.0	1383.0	1393.0
<b>25.5</b>	1229.0	1240.0	1300.0	1373.0	1382.0
<b>26.0</b>	1214.0	1225.0	1288.0	1360.0	1372.0
<b>26.5</b>	1198.0	1211.0	1274.0	1347.0	1361.0

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

**CANDELA TABULATION - (Cont.)**

27.0	1183.0	1196.0	1262.0	1332.0	1352.0
27.5	1169.0	1182.0	1248.0	1319.0	1339.0
28.0	1152.0	1167.0	1235.0	1307.0	1328.0
28.5	1138.0	1153.0	1222.0	1296.0	1318.0
29.0	1123.0	1139.0	1208.0	1284.0	1305.0
29.5	1109.0	1124.0	1194.0	1272.0	1297.0
30.0	1093.0	1110.0	1181.0	1260.0	1289.0
30.5	1078.0	1098.0	1170.0	1248.0	1278.0
31.0	1063.0	1081.0	1158.0	1236.0	1268.0
31.5	1048.0	1068.0	1146.0	1224.0	1252.0
32.0	1040.0	1054.0	1132.0	1215.0	1237.0
32.5	1025.0	1042.0	1117.0	1205.0	1224.0
33.0	1011.0	1028.0	1102.0	1192.0	1211.0
33.5	996.3	1014.0	1089.0	1178.0	1199.0
34.0	981.7	1000.0	1074.0	1162.0	1188.0
34.5	967.3	986.2	1061.0	1147.0	1173.0
35.0	952.8	972.0	1048.0	1133.0	1162.0
35.5	938.2	958.0	1035.0	1120.0	1151.0
36.0	924.2	944.1	1022.0	1108.0	1142.0
36.5	910.0	930.1	1009.0	1094.0	1133.0
37.0	895.7	916.3	995.5	1082.0	1120.0
37.5	881.7	902.5	981.8	1070.0	1105.0
38.0	867.5	888.9	968.1	1058.0	1088.0
38.5	853.8	875.2	954.5	1050.0	1074.0
39.0	839.9	861.6	941.0	1040.0	1060.0
39.5	826.0	848.1	927.5	1027.0	1050.0
40.0	812.4	834.7	914.0	1012.0	1039.0
40.5	798.8	821.6	900.4	995.7	1026.0
41.0	785.6	808.4	887.0	981.1	1013.0
41.5	772.5	795.4	873.6	967.2	1005.0
42.0	759.4	782.2	860.3	953.8	993.6
42.5	746.5	769.5	847.1	940.5	978.5
43.0	733.7	756.9	833.7	927.6	963.3
43.5	721.3	744.0	820.7	915.9	947.0
44.0	708.9	731.8	807.6	905.5	932.9
44.5	696.8	719.5	794.8	894.6	919.4
45.0	684.5	707.2	781.8	880.7	906.0
45.5	672.6	695.0	769.0	865.4	893.2
46.0	660.8	683.0	756.3	849.5	883.7
46.5	649.3	671.1	743.8	835.5	872.6
47.0	637.8	659.3	731.4	822.3	859.1
47.5	626.6	647.7	718.9	809.4	844.6
48.0	615.6	636.2	706.7	797.0	828.2
48.5	604.5	624.7	694.5	784.6	814.1
49.0	593.5	613.5	682.6	772.5	800.9
49.5	582.9	602.2	670.5	760.6	788.8
50.0	572.2	591.2	658.5	747.6	778.6
50.5	561.8	580.2	646.8	733.5	766.5
51.0	551.3	569.5	635.1	720.2	754.6
51.5	541.1	558.7	623.3	707.5	740.5
52.0	531.1	548.2	611.9	695.0	724.7
52.5	520.9	537.5	600.4	682.7	711.4
53.0	511.0	527.3	589.0	670.2	699.6
53.5	500.8	516.9	577.5	658.0	688.6
54.0	491.2	506.8	566.2	645.6	676.5
54.5	481.2	496.6	555.2	633.4	665.7

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**CANDELA TABULATION - (Cont.)**

55.0	471.5	486.6	544.1	621.3	650.4
55.5	461.7	476.8	533.0	609.2	636.4
56.0	452.0	466.9	522.4	597.2	625.3
56.5	442.7	457.2	511.5	585.1	613.5
57.0	433.0	447.5	500.8	573.3	601.5
57.5	423.6	438.0	490.1	561.5	590.6
58.0	414.4	428.4	479.6	549.8	575.4
58.5	405.2	419.3	469.3	538.1	563.5
59.0	396.0	410.0	458.9	526.5	552.0
59.5	387.0	400.8	448.6	515.0	540.2
60.0	378.1	391.7	438.7	503.5	529.9
60.5	369.2	382.8	428.5	492.3	515.9
61.0	360.6	373.8	418.6	480.9	504.7
61.5	352.1	365.0	408.8	469.7	492.1
62.0	343.7	356.3	399.1	458.7	482.7
62.5	335.3	347.8	389.5	447.7	470.1
63.0	326.9	339.2	379.9	436.5	458.8
63.5	318.9	330.7	370.5	425.5	446.2
64.0	310.6	322.3	361.0	414.7	436.8
64.5	302.7	314.0	351.7	403.9	424.8
65.0	294.6	305.6	342.6	393.1	412.4
65.5	287.0	297.6	333.3	382.5	402.2
66.0	279.3	289.4	324.3	371.9	392.1
66.5	271.4	281.4	315.2	361.5	379.2
67.0	263.7	273.2	306.3	351.0	368.9
67.5	256.4	265.5	297.4	340.5	358.7
68.0	248.7	257.6	288.3	330.3	346.6
68.5	241.3	249.8	279.7	320.1	336.7
69.0	234.2	242.1	271.0	310.1	326.4
69.5	226.9	234.6	262.5	300.0	314.9
70.0	219.6	226.9	253.8	289.9	305.7
70.5	212.4	219.5	245.3	280.0	294.0
71.0	205.5	212.1	236.8	270.3	284.4
71.5	198.5	204.6	228.5	260.6	273.4
72.0	191.6	197.4	220.1	251.0	263.8
72.5	184.7	190.3	212.1	241.7	253.5
73.0	177.7	183.3	204.0	232.1	243.5
73.5	171.0	176.1	196.1	222.8	233.5
74.0	164.2	169.3	188.2	213.7	223.8
74.5	157.8	162.5	180.3	204.7	214.4
75.0	151.3	155.7	172.6	195.7	205.2
75.5	144.9	149.1	165.1	186.9	195.6
76.0	138.4	142.5	157.7	178.0	186.3
76.5	132.0	135.8	150.3	169.5	177.1
77.0	125.8	129.5	143.0	161.0	168.0
77.5	119.7	123.1	135.8	152.6	159.2
78.0	113.5	116.8	128.8	144.5	150.6
78.5	107.5	110.7	121.8	136.4	142.2
79.0	101.7	104.7	115.0	128.6	133.7
79.5	95.9	98.7	108.4	120.8	125.4
80.0	90.1	92.8	101.9	113.2	117.4
80.5	84.5	87.1	95.4	105.7	109.6
81.0	79.1	81.4	89.1	98.5	101.9
81.5	73.7	75.8	83.0	91.5	94.4
82.0	68.5	70.4	77.0	84.6	87.2
82.5	63.3	65.0	71.2	77.9	80.2

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

**CANDELA TABULATION - (Cont.)**

83.0	58.3	59.8	65.5	71.4	73.3
83.5	53.3	54.7	59.9	65.2	66.7
84.0	48.5	49.7	54.5	59.1	60.2
84.5	43.8	44.9	49.2	52.9	54.1
85.0	39.2	40.2	44.1	47.3	48.3
85.5	34.7	35.5	39.1	41.8	42.7
86.0	30.3	31.0	34.1	36.5	37.3
86.5	25.9	26.6	29.2	31.4	32.1
87.0	21.8	22.2	24.6	26.4	27.1
87.5	17.7	18.1	20.1	21.5	22.1
88.0	13.7	14.4	15.7	16.9	17.4
88.5	9.9	11.0	11.8	12.5	12.8
89.0	6.3	8.0	8.4	8.7	8.5
89.5	3.6	5.5	5.5	5.6	5.4
90.0	1.7	3.5	3.5	3.4	3.3
90.5	0.0	0.0	0.0	0.0	0.0
91.0	0.0	0.0	0.0	0.0	0.0
91.5	0.0	0.0	0.0	0.0	0.0
92.0	0.0	0.0	0.0	0.0	0.0
92.5	0.0	0.0	0.0	0.0	0.0
93.0	0.0	0.0	0.0	0.0	0.0
93.5	0.0	0.0	0.0	0.0	0.0
94.0	0.0	0.0	0.0	0.0	0.0
94.5	0.0	0.0	0.0	0.0	0.0
95.0	0.0	0.0	0.0	0.0	0.0
95.5	0.0	0.0	0.0	0.0	0.0
96.0	0.0	0.0	0.0	0.0	0.0
96.5	0.0	0.0	0.0	0.0	0.0
97.0	0.0	0.0	0.0	0.0	0.0
97.5	0.0	0.0	0.0	0.0	0.0
98.0	0.0	0.0	0.0	0.0	0.0
98.5	0.0	0.0	0.0	0.0	0.0
99.0	0.0	0.0	0.0	0.0	0.0
99.5	0.0	0.0	0.0	0.0	0.0
100.0	0.0	0.0	0.0	0.0	0.0
100.5	0.0	0.0	0.0	0.0	0.0
101.0	0.0	0.0	0.0	0.0	0.0
101.5	0.0	0.0	0.0	0.0	0.0
102.0	0.0	0.0	0.0	0.0	0.0
102.5	0.0	0.0	0.0	0.0	0.0
103.0	0.0	0.0	0.0	0.0	0.0
103.5	0.0	0.0	0.0	0.0	0.0
104.0	0.0	0.0	0.0	0.0	0.0
104.5	0.0	0.0	0.0	0.0	0.0
105.0	0.0	0.0	0.0	0.0	0.0
105.5	0.0	0.0	0.0	0.0	0.0
106.0	0.0	0.0	0.0	0.0	0.0
106.5	0.0	0.0	0.0	0.0	0.0
107.0	0.0	0.0	0.0	0.0	0.0
107.5	0.0	0.0	0.0	0.0	0.0
108.0	0.0	0.0	0.0	0.0	0.0
108.5	0.0	0.0	0.0	0.0	0.0
109.0	0.0	0.0	0.0	0.0	0.0
109.5	0.0	0.0	0.0	0.0	0.0
110.0	0.0	0.0	0.0	0.0	0.0
110.5	0.0	0.0	0.0	0.0	0.0

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

CANDELA TABULATION - (Cont.)

111.0	0.0	0.0	0.0	0.0	0.0
111.5	0.0	0.0	0.0	0.0	0.0
112.0	0.0	0.0	0.0	0.0	0.0
112.5	0.0	0.0	0.0	0.0	0.0
113.0	0.0	0.0	0.0	0.0	0.0
113.5	0.0	0.0	0.0	0.0	0.0
114.0	0.0	0.0	0.0	0.0	0.0
114.5	0.0	0.0	0.0	0.0	0.0
115.0	0.0	0.0	0.0	0.0	0.0
115.5	0.0	0.0	0.0	0.0	0.0
116.0	0.0	0.0	0.0	0.0	0.0
116.5	0.0	0.0	0.0	0.0	0.0
117.0	0.0	0.0	0.0	0.0	0.0
117.5	0.0	0.0	0.0	0.0	0.0
118.0	0.0	0.0	0.0	0.0	0.0
118.5	0.0	0.0	0.0	0.0	0.0
119.0	0.0	0.0	0.0	0.0	0.0
119.5	0.0	0.0	0.0	0.0	0.0
120.0	0.0	0.0	0.0	0.0	0.0
120.5	0.0	0.0	0.0	0.0	0.0
121.0	0.0	0.0	0.0	0.0	0.0
121.5	0.0	0.0	0.0	0.0	0.0
122.0	0.0	0.0	0.0	0.0	0.0
122.5	0.0	0.0	0.0	0.0	0.0
123.0	0.0	0.0	0.0	0.0	0.0
123.5	0.0	0.0	0.0	0.0	0.0
124.0	0.0	0.0	0.0	0.0	0.0
124.5	0.0	0.0	0.0	0.0	0.0
125.0	0.0	0.0	0.0	0.0	0.0
125.5	0.0	0.0	0.0	0.0	0.0
126.0	0.0	0.0	0.0	0.0	0.0
126.5	0.0	0.0	0.0	0.0	0.0
127.0	0.0	0.0	0.0	0.0	0.0
127.5	0.0	0.0	0.0	0.0	0.0
128.0	0.0	0.0	0.0	0.0	0.0
128.5	0.0	0.0	0.0	0.0	0.0
129.0	0.0	0.0	0.0	0.0	0.0
129.5	0.0	0.0	0.0	0.0	0.0
130.0	0.0	0.0	0.0	0.0	0.0
130.5	0.0	0.0	0.0	0.0	0.0
131.0	0.0	0.0	0.0	0.0	0.0
131.5	0.0	0.0	0.0	0.0	0.0
132.0	0.0	0.0	0.0	0.0	0.0
132.5	0.0	0.0	0.0	0.0	0.0
133.0	0.0	0.0	0.0	0.0	0.0
133.5	0.0	0.0	0.0	0.0	0.0
134.0	0.0	0.0	0.0	0.0	0.0
134.5	0.0	0.0	0.0	0.0	0.0
135.0	0.0	0.0	0.0	0.0	0.0
135.5	0.0	0.0	0.0	0.0	0.0
136.0	0.0	0.0	0.0	0.0	0.0
136.5	0.0	0.0	0.0	0.0	0.0
137.0	0.0	0.0	0.0	0.0	0.0
137.5	0.0	0.0	0.0	0.0	0.0
138.0	0.0	0.0	0.0	0.0	0.0
138.5	0.0	0.0	0.0	0.0	0.0

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

CANDELA TABULATION - (Cont.)

139.0	0.0	0.0	0.0	0.0	0.0
139.5	0.0	0.0	0.0	0.0	0.0
140.0	0.0	0.0	0.0	0.0	0.0
140.5	0.0	0.0	0.0	0.0	0.0
141.0	0.0	0.0	0.0	0.0	0.0
141.5	0.0	0.0	0.0	0.0	0.0
142.0	0.0	0.0	0.0	0.0	0.0
142.5	0.0	0.0	0.0	0.0	0.0
143.0	0.0	0.0	0.0	0.0	0.0
143.5	0.0	0.0	0.0	0.0	0.0
144.0	0.0	0.0	0.0	0.0	0.0
144.5	0.0	0.0	0.0	0.0	0.0
145.0	0.0	0.0	0.0	0.0	0.0
145.5	0.0	0.0	0.0	0.0	0.0
146.0	0.0	0.0	0.0	0.0	0.0
146.5	0.0	0.0	0.0	0.0	0.0
147.0	0.0	0.0	0.0	0.0	0.0
147.5	0.0	0.0	0.0	0.0	0.0
148.0	0.0	0.0	0.0	0.0	0.0
148.5	0.0	0.0	0.0	0.0	0.0
149.0	0.0	0.0	0.0	0.0	0.0
149.5	0.0	0.0	0.0	0.0	0.0
150.0	0.0	0.0	0.0	0.0	0.0
150.5	0.0	0.0	0.0	0.0	0.0
151.0	0.0	0.0	0.0	0.0	0.0
151.5	0.0	0.0	0.0	0.0	0.0
152.0	0.0	0.0	0.0	0.0	0.0
152.5	0.0	0.0	0.0	0.0	0.0
153.0	0.0	0.0	0.0	0.0	0.0
153.5	0.0	0.0	0.0	0.0	0.0
154.0	0.0	0.0	0.0	0.0	0.0
154.5	0.0	0.0	0.0	0.0	0.0
155.0	0.0	0.0	0.0	0.0	0.0
155.5	0.0	0.0	0.0	0.0	0.0
156.0	0.0	0.0	0.0	0.0	0.0
156.5	0.0	0.0	0.0	0.0	0.0
157.0	0.0	0.0	0.0	0.0	0.0
157.5	0.0	0.0	0.0	0.0	0.0
158.0	0.0	0.0	0.0	0.0	0.0
158.5	0.0	0.0	0.0	0.0	0.0
159.0	0.0	0.0	0.0	0.0	0.0
159.5	0.0	0.0	0.0	0.0	0.0
160.0	0.0	0.0	0.0	0.0	0.0
160.5	0.0	0.0	0.0	0.0	0.0
161.0	0.0	0.0	0.0	0.0	0.0
161.5	0.0	0.0	0.0	0.0	0.0
162.0	0.0	0.0	0.0	0.0	0.0
162.5	0.0	0.0	0.0	0.0	0.0
163.0	0.0	0.0	0.0	0.0	0.0
163.5	0.0	0.0	0.0	0.0	0.0
164.0	0.0	0.0	0.0	0.0	0.0
164.5	0.0	0.0	0.0	0.0	0.0
165.0	0.0	0.0	0.0	0.0	0.0
165.5	0.0	0.0	0.0	0.0	0.0
166.0	0.0	0.0	0.0	0.0	0.0
166.5	0.0	0.0	0.0	0.0	0.0

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

CANDELA TABULATION - (Cont.)

167.0	0.0	0.0	0.0	0.0	0.0
167.5	0.0	0.0	0.0	0.0	0.0
168.0	0.0	0.0	0.0	0.0	0.0
168.5	0.0	0.0	0.0	0.0	0.0
169.0	0.0	0.0	0.0	0.0	0.0
169.5	0.0	0.0	0.0	0.0	0.0
170.0	0.0	0.0	0.0	0.0	0.0
170.5	0.0	0.0	0.0	0.0	0.0
171.0	0.0	0.0	0.0	0.0	0.0
171.5	0.0	0.0	0.0	0.0	0.0
172.0	0.0	0.0	0.0	0.0	0.0
172.5	0.0	0.0	0.0	0.0	0.0
173.0	0.0	0.0	0.0	0.0	0.0
173.5	0.0	0.0	0.0	0.0	0.0
174.0	0.0	0.0	0.0	0.0	0.0
174.5	0.0	0.0	0.0	0.0	0.0
175.0	0.0	0.0	0.0	0.0	0.0
175.5	0.0	0.0	0.0	0.0	0.0
176.0	0.0	0.0	0.0	0.0	0.0
176.5	0.0	0.0	0.0	0.0	0.0
177.0	0.0	0.0	0.0	0.0	0.0
177.5	0.0	0.0	0.0	0.0	0.0
178.0	0.0	0.0	0.0	0.0	0.0
178.5	0.0	0.0	0.0	0.0	0.0
179.0	0.0	0.0	0.0	0.0	0.0
179.5	0.0	0.0	0.0	0.0	0.0
180.0	0.0	0.0	0.0	0.0	0.0



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

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	587.44	N.A.	16.60
0-30	1192.1	N.A.	33.70
0-40	1850.68	N.A.	52.30
0-60	2956.63	N.A.	83.50
0-80	3489.66	N.A.	98.60
0-90	3540.32	N.A.	100.00
10-90	3383.81	N.A.	95.60
20-40	1263.24	N.A.	35.70
20-50	1873.65	N.A.	52.90
40-70	1452.16	N.A.	41.00
60-80	533.03	N.A.	15.10
70-80	186.82	N.A.	5.30
80-90	50.66	N.A.	1.40
90-110	0.09	N.A.	0.00
90-120	0.09	N.A.	0.00
90-130	0.09	N.A.	0.00
90-150	0.09	N.A.	0.00
90-180	0.09	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3540.41	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	156.52
10-20	430.92
20-30	604.67
30-40	658.58
40-50	610.41
50-60	495.54
60-70	346.21
70-80	186.82
80-90	50.66
90-100	0.09
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

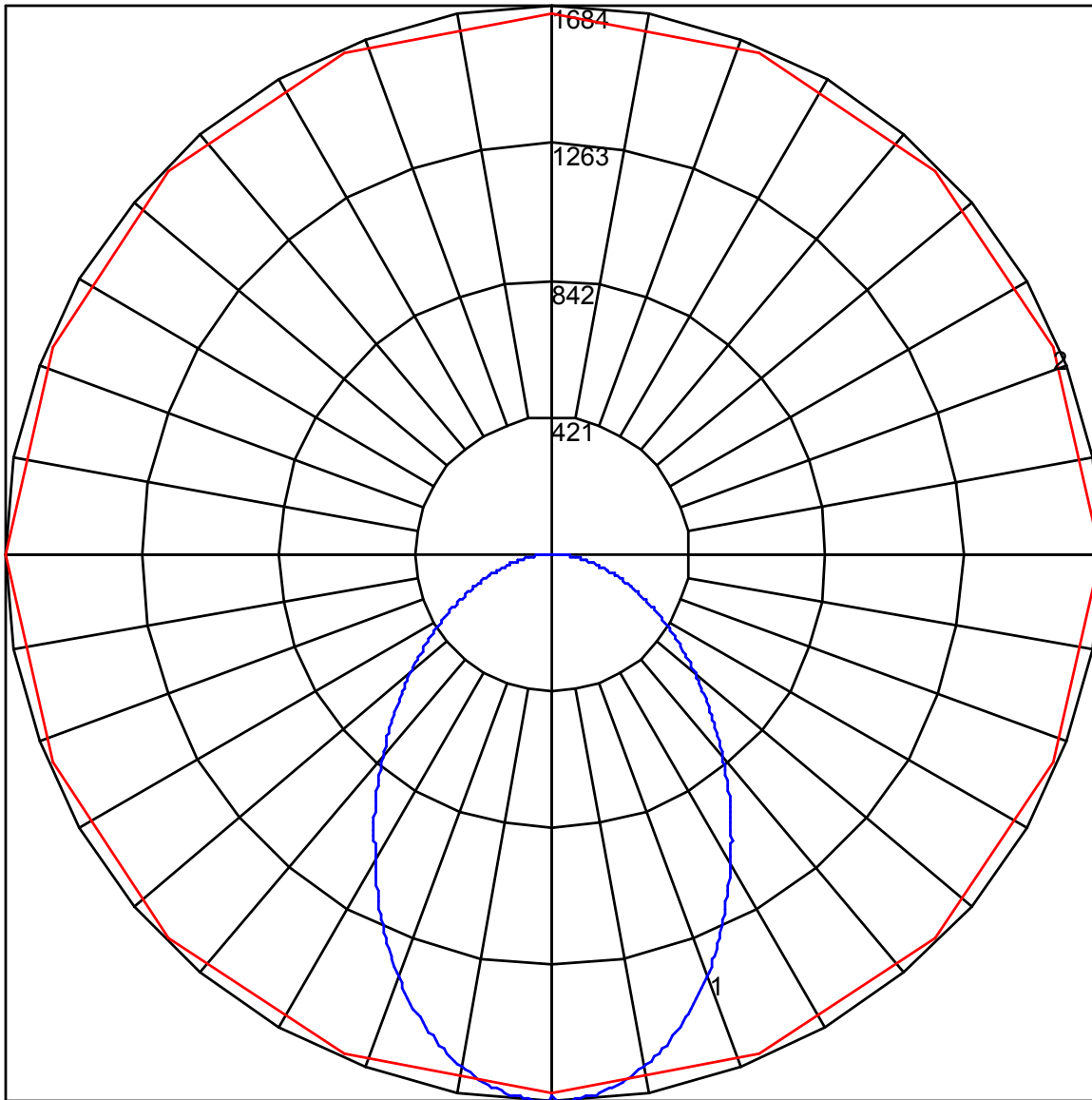
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : P23-FLSH-LED35-HO-SAL-D1.IES**

**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	93	90	91	89	88	86
2	101	93	87	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	30	55	43	35	30	42	35	30	41	35	30	40	34	30	28

POLAR GRAPH



Maximum Candela = 1684 Located At Horizontal Angle = 0, Vertical Angle = 1.5  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (1.5) (Through Max. Cd.)