



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 13551818.02
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 11/4/2020
 [MANUFAC] Lux Dynamics
 [LUMCAT] 360P-2-D-835-xxx-xx-WA
 [LUMINAIRE] Gray cylindrical metal housing with diffuse plastic lens
 [LAMP] White 306 LEDs
 [BALLAST] One (1) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB
 [OTHER] 24.3 C, 277.014 V, 0.201103 A, 53.0834 W, 0.95288 PF, 59.9748
 [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	6872
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	129
Total Luminaire Watts	53.0834
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.20
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.34
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.92 ft
Luminous Width (90-270)	0.38 ft
Luminous Height	0.06 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	25316	24841	25974
55	23046	22767	24715
65	20104	20808	23937
75	15425	19518	24018
85	6426	20223	27425

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	2133.0	2133.0	2133.0	2133.0	2133.0
0.5	2123.0	2129.0	2133.0	2138.0	2142.0
1.0	2122.0	2129.0	2133.0	2139.0	2142.0
1.5	2122.0	2129.0	2132.0	2137.0	2141.0
2.0	2120.0	2127.0	2132.0	2137.0	2140.0
2.5	2120.0	2125.0	2131.0	2136.0	2138.0
3.0	2118.0	2125.0	2128.0	2134.0	2138.0
3.5	2116.0	2122.0	2128.0	2133.0	2138.0
4.0	2116.0	2120.0	2127.0	2131.0	2134.0
4.5	2112.0	2119.0	2124.0	2130.0	2134.0
5.0	2110.0	2116.0	2121.0	2129.0	2132.0
5.5	2106.0	2113.0	2120.0	2127.0	2130.0
6.0	2103.0	2111.0	2116.0	2124.0	2127.0
6.5	2101.0	2108.0	2113.0	2121.0	2124.0
7.0	2099.0	2105.0	2110.0	2119.0	2123.0
7.5	2094.0	2102.0	2108.0	2115.0	2120.0
8.0	2089.0	2097.0	2104.0	2112.0	2117.0
8.5	2084.0	2092.0	2100.0	2109.0	2112.0
9.0	2080.0	2089.0	2096.0	2106.0	2108.0
9.5	2075.0	2084.0	2092.0	2100.0	2104.0
10.0	2071.0	2079.0	2087.0	2097.0	2101.0
10.5	2067.0	2073.0	2082.0	2092.0	2097.0
11.0	2061.0	2069.0	2078.0	2089.0	2094.0
11.5	2053.0	2064.0	2074.0	2083.0	2088.0
12.0	2048.0	2058.0	2067.0	2079.0	2085.0
12.5	2042.0	2051.0	2062.0	2073.0	2078.0
13.0	2036.0	2046.0	2057.0	2069.0	2074.0
13.5	2029.0	2039.0	2050.0	2064.0	2069.0
14.0	2023.0	2031.0	2043.0	2060.0	2064.0
14.5	2017.0	2024.0	2037.0	2053.0	2059.0
15.0	2008.0	2018.0	2030.0	2048.0	2052.0
15.5	2001.0	2010.0	2024.0	2041.0	2047.0
16.0	1993.0	2002.0	2017.0	2035.0	2040.0
16.5	1983.0	1995.0	2009.0	2029.0	2034.0
17.0	1975.0	1986.0	2002.0	2022.0	2028.0
17.5	1968.0	1977.0	1994.0	2014.0	2020.0
18.0	1959.0	1968.0	1986.0	2007.0	2014.0
18.5	1949.0	1959.0	1978.0	1999.0	2008.0
19.0	1939.0	1949.0	1970.0	1993.0	2001.0
19.5	1930.0	1941.0	1962.0	1986.0	1992.0
20.0	1921.0	1933.0	1953.0	1977.0	1984.0
20.5	1910.0	1922.0	1944.0	1969.0	1978.0
21.0	1902.0	1912.0	1936.0	1960.0	1969.0
21.5	1890.0	1902.0	1926.0	1953.0	1963.0
22.0	1883.0	1892.0	1917.0	1945.0	1954.0
22.5	1871.0	1881.0	1907.0	1935.0	1945.0
23.0	1859.0	1872.0	1899.0	1927.0	1935.0
23.5	1848.0	1860.0	1885.0	1918.0	1927.0
24.0	1837.0	1848.0	1878.0	1909.0	1918.0
24.5	1825.0	1836.0	1868.0	1899.0	1910.0
25.0	1813.0	1825.0	1857.0	1890.0	1901.0
25.5	1801.0	1813.0	1847.0	1880.0	1890.0
26.0	1788.0	1801.0	1836.0	1870.0	1882.0
26.5	1776.0	1791.0	1826.0	1860.0	1871.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.IES

CANDELA TABULATION - (Cont.)

27.0	1763.0	1777.0	1815.0	1849.0	1860.0
27.5	1749.0	1765.0	1803.0	1839.0	1850.0
28.0	1736.0	1753.0	1792.0	1830.0	1840.0
28.5	1724.0	1742.0	1781.0	1819.0	1829.0
29.0	1710.0	1729.0	1770.0	1807.0	1820.0
29.5	1698.0	1715.0	1759.0	1797.0	1808.0
30.0	1684.0	1702.0	1746.0	1786.0	1798.0
30.5	1673.0	1689.0	1734.0	1776.0	1787.0
31.0	1657.0	1676.0	1722.0	1765.0	1777.0
31.5	1645.0	1662.0	1711.0	1754.0	1767.0
32.0	1631.0	1649.0	1699.0	1743.0	1756.0
32.5	1617.0	1635.0	1686.0	1730.0	1744.0
33.0	1601.0	1621.0	1673.0	1720.0	1732.0
33.5	1589.0	1609.0	1661.0	1707.0	1720.0
34.0	1577.0	1594.0	1647.0	1696.0	1710.0
34.5	1562.0	1581.0	1635.0	1683.0	1698.0
35.0	1547.0	1566.0	1622.0	1671.0	1686.0
35.5	1532.0	1552.0	1609.0	1658.0	1676.0
36.0	1519.0	1538.0	1595.0	1645.0	1663.0
36.5	1504.0	1523.0	1581.0	1633.0	1649.0
37.0	1488.0	1510.0	1568.0	1620.0	1637.0
37.5	1473.0	1496.0	1554.0	1608.0	1625.0
38.0	1457.0	1481.0	1540.0	1596.0	1614.0
38.5	1441.0	1465.0	1526.0	1583.0	1601.0
39.0	1425.0	1452.0	1512.0	1571.0	1589.0
39.5	1410.0	1436.0	1498.0	1558.0	1577.0
40.0	1394.0	1422.0	1485.0	1544.0	1565.0
40.5	1378.0	1408.0	1471.0	1531.0	1552.0
41.0	1360.0	1392.0	1457.0	1517.0	1539.0
41.5	1346.0	1378.0	1442.0	1505.0	1524.0
42.0	1331.0	1363.0	1427.0	1492.0	1512.0
42.5	1315.0	1348.0	1412.0	1478.0	1499.0
43.0	1301.0	1332.0	1398.0	1465.0	1486.0
43.5	1284.0	1319.0	1384.0	1451.0	1473.0
44.0	1268.0	1303.0	1369.0	1438.0	1460.0
44.5	1252.0	1287.0	1355.0	1425.0	1447.0
45.0	1236.0	1271.0	1341.0	1412.0	1434.0
45.5	1219.0	1257.0	1326.0	1398.0	1421.0
46.0	1205.0	1241.0	1311.0	1384.0	1409.0
46.5	1191.0	1225.0	1297.0	1371.0	1395.0
47.0	1178.0	1210.0	1283.0	1357.0	1380.0
47.5	1162.0	1195.0	1268.0	1344.0	1370.0
48.0	1146.0	1179.0	1254.0	1329.0	1356.0
48.5	1130.0	1165.0	1239.0	1315.0	1343.0
49.0	1114.0	1150.0	1226.0	1301.0	1329.0
49.5	1099.0	1134.0	1210.0	1289.0	1318.0
50.0	1082.0	1118.0	1196.0	1275.0	1302.0
50.5	1067.0	1103.0	1181.0	1262.0	1289.0
51.0	1050.0	1087.0	1166.0	1249.0	1276.0
51.5	1035.0	1071.0	1152.0	1236.0	1264.0
52.0	1019.0	1055.0	1138.0	1222.0	1253.0
52.5	1003.0	1040.0	1124.0	1208.0	1240.0
53.0	987.3	1024.0	1109.0	1194.0	1228.0
53.5	971.6	1008.0	1094.0	1182.0	1213.0
54.0	956.1	992.8	1079.0	1167.0	1200.0
54.5	940.7	977.3	1064.0	1154.0	1189.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.IES

CANDELA TABULATION - (Cont.)

55.0	925.1	961.8	1050.0	1142.0	1175.0
55.5	909.4	946.1	1035.0	1130.0	1160.0
56.0	893.9	930.8	1020.0	1117.0	1149.0
56.5	878.5	915.4	1006.0	1104.0	1136.0
57.0	863.2	899.6	991.5	1090.0	1125.0
57.5	847.4	884.3	977.0	1077.0	1112.0
58.0	831.4	868.7	962.6	1064.0	1099.0
58.5	815.7	853.3	948.2	1051.0	1086.0
59.0	800.1	837.7	933.9	1037.0	1072.0
59.5	784.3	822.3	919.9	1024.0	1060.0
60.0	768.2	806.6	905.6	1011.0	1047.0
60.5	752.5	790.9	891.4	997.4	1034.0
61.0	736.5	775.1	877.2	984.2	1021.0
61.5	720.7	759.5	863.3	971.0	1008.0
62.0	704.5	744.0	849.3	957.9	995.9
62.5	688.4	728.4	835.4	945.0	983.4
63.0	672.5	712.8	821.7	932.1	970.8
63.5	656.3	697.1	807.9	919.2	957.9
64.0	640.4	681.7	794.0	906.3	945.2
64.5	624.3	666.1	780.4	893.5	932.8
65.0	608.0	650.6	766.9	880.6	919.9
65.5	591.9	635.2	753.4	867.9	907.3
66.0	576.1	620.0	739.9	855.3	895.0
66.5	560.0	604.9	726.7	842.5	882.6
67.0	544.5	589.9	713.4	829.9	869.9
67.5	528.5	575.1	700.4	817.4	857.7
68.0	512.9	560.4	687.6	805.0	845.3
68.5	497.2	545.8	674.9	792.8	833.1
69.0	481.3	531.3	662.2	780.7	820.8
69.5	465.7	516.8	649.6	768.5	808.5
70.0	450.2	502.7	637.1	756.3	796.4
70.5	434.8	488.5	624.6	744.2	784.3
71.0	419.5	474.3	612.2	732.0	771.9
71.5	404.2	460.5	600.0	719.8	759.9
72.0	389.0	446.6	587.9	707.6	747.9
72.5	374.2	432.8	575.9	695.8	735.9
73.0	358.8	419.2	563.8	683.7	723.7
73.5	344.1	405.9	551.9	671.7	711.6
74.0	329.1	392.7	540.1	659.7	699.5
74.5	314.2	379.5	528.4	648.0	687.9
75.0	299.6	366.5	516.7	636.2	676.1
75.5	285.0	353.8	505.1	624.9	664.4
76.0	270.5	341.3	493.4	613.1	653.0
76.5	256.3	329.0	482.3	601.7	641.5
77.0	242.1	316.9	470.7	590.1	629.7
77.5	228.2	305.2	459.7	578.9	618.9
78.0	214.5	293.5	448.6	567.8	607.6
78.5	200.8	282.1	437.6	556.8	596.8
79.0	187.7	271.0	426.6	545.8	585.9
79.5	174.6	259.9	415.7	534.8	574.9
80.0	161.6	249.1	405.3	524.1	564.3
80.5	149.0	238.7	394.8	513.5	553.8
81.0	136.7	228.3	384.5	503.1	543.6
81.5	124.9	218.1	374.4	492.6	533.4
82.0	113.2	208.2	364.4	482.6	522.9
82.5	101.9	198.6	354.6	472.7	513.3

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.IES

CANDELA TABULATION - (Cont.)

83.0	91.0	189.1	345.0	462.7	503.5
83.5	80.4	179.9	335.6	453.3	494.1
84.0	70.3	171.0	326.5	443.9	484.9
84.5	60.7	162.6	317.6	434.7	475.5
85.0	51.5	154.2	309.1	425.5	466.6
85.5	42.8	146.5	300.5	416.8	458.1
86.0	34.8	138.9	292.6	408.5	449.5
86.5	27.3	131.8	284.7	400.4	441.8
87.0	20.4	125.0	277.3	392.6	434.0
87.5	14.3	118.6	270.5	385.3	426.3
88.0	8.9	112.9	263.9	378.2	419.0
88.5	4.4	107.6	257.5	371.2	412.2
89.0	1.5	102.9	251.6	364.8	405.6
89.5	0.0	98.5	246.1	358.7	398.9
90.0	0.0	94.6	240.8	352.7	392.8
90.5	0.0	91.1	235.8	347.1	387.0
91.0	0.0	87.9	231.3	341.5	381.3
91.5	0.0	85.1	227.0	336.5	375.8
92.0	0.0	82.6	223.0	331.6	370.6
92.5	0.0	80.3	219.2	326.9	365.8
93.0	0.0	78.3	215.7	322.5	361.2
93.5	0.0	76.3	212.3	318.3	356.7
94.0	0.0	74.5	209.0	314.2	352.5
94.5	0.0	72.7	206.1	310.4	348.4
95.0	0.0	70.9	203.2	306.8	344.4
95.5	0.0	69.2	200.3	303.0	340.7
96.0	0.0	67.5	197.5	299.7	337.2
96.5	0.0	65.9	194.7	296.2	333.4
97.0	0.0	64.3	192.0	293.0	329.7
97.5	0.0	62.9	189.1	289.5	326.3
98.0	0.0	61.5	186.4	286.1	322.7
98.5	0.0	60.2	183.4	282.7	319.2
99.0	0.0	59.0	180.5	279.4	315.7
99.5	0.0	57.8	177.5	276.1	312.4
100.0	0.0	56.8	174.7	272.6	308.8
100.5	0.0	55.9	171.8	269.2	305.3
101.0	0.0	55.1	169.0	265.8	301.7
101.5	0.0	54.5	166.1	262.2	298.1
102.0	0.0	54.0	163.4	258.7	294.3
102.5	0.0	53.6	160.6	255.2	290.7
103.0	0.0	53.4	157.9	251.7	286.9
103.5	0.0	53.2	155.4	248.2	283.0
104.0	0.0	53.0	152.8	244.7	279.5
104.5	0.0	52.8	150.3	241.1	275.6
105.0	0.0	52.6	147.8	237.6	271.8
105.5	0.0	52.4	145.4	234.2	267.9
106.0	0.0	52.2	142.8	230.7	264.2
106.5	0.0	51.9	140.6	227.4	260.5
107.0	0.0	51.6	138.4	224.0	256.6
107.5	0.0	51.3	136.3	220.8	253.1
108.0	0.0	50.9	134.3	217.5	249.7
108.5	0.0	50.4	132.4	214.3	246.1
109.0	0.0	49.9	130.5	211.0	242.5
109.5	0.0	49.4	128.7	207.8	239.1
110.0	0.0	48.9	127.3	204.7	235.5
110.5	0.0	48.3	125.9	201.6	232.1

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.IES

CANDELA TABULATION - (Cont.)

111.0	0.0	47.8	124.7	198.5	228.3
111.5	0.0	47.2	123.6	195.5	225.4
112.0	0.0	46.7	122.5	192.7	221.9
112.5	0.0	46.2	121.7	189.8	218.8
113.0	0.0	45.6	121.0	187.2	215.6
113.5	0.0	45.0	120.4	184.7	212.7
114.0	0.0	44.5	119.9	182.2	209.7
114.5	0.0	43.9	119.3	179.8	206.6
115.0	0.0	43.3	118.7	177.6	203.8
115.5	0.0	42.6	118.2	175.6	201.0
116.0	0.0	42.0	117.7	173.6	198.5
116.5	0.0	41.4	116.9	171.8	195.9
117.0	0.0	40.8	116.3	170.2	193.3
117.5	0.0	40.3	115.6	168.7	191.0
118.0	0.0	39.7	114.9	167.4	188.9
118.5	0.0	39.2	114.2	166.1	187.0
119.0	0.0	38.7	113.4	164.9	185.2
119.5	0.0	38.1	112.7	163.8	183.5
120.0	0.0	37.6	111.9	162.7	182.1
120.5	0.0	37.1	111.0	161.6	180.4
121.0	0.0	36.5	110.0	160.5	179.1
121.5	0.0	36.0	109.0	159.4	177.9
122.0	0.0	35.4	107.9	158.4	176.6
122.5	0.0	34.8	106.7	157.3	175.3
123.0	0.0	34.3	105.6	156.3	174.1
123.5	0.0	33.8	104.4	155.1	172.9
124.0	0.0	33.3	103.2	154.2	171.5
124.5	0.0	32.7	101.9	153.0	170.2
125.0	0.0	32.2	100.7	151.8	168.6
125.5	0.0	31.6	99.4	150.6	167.5
126.0	0.0	31.0	98.1	149.2	166.1
126.5	0.0	30.4	96.8	147.9	165.0
127.0	0.0	29.9	95.5	146.6	163.8
127.5	0.0	29.3	94.1	145.0	162.3
128.0	0.0	28.7	92.8	143.6	160.9
128.5	0.0	28.1	91.4	141.9	159.4
129.0	0.0	27.5	90.1	140.3	157.8
129.5	0.0	27.0	88.7	138.6	156.2
130.0	0.0	26.3	87.3	136.8	154.4
130.5	0.0	25.7	85.8	135.1	152.5
131.0	0.0	25.1	84.2	133.2	150.6
131.5	0.0	24.5	82.6	131.4	148.8
132.0	0.0	23.9	81.0	129.6	146.8
132.5	0.0	23.2	79.5	127.7	144.9
133.0	0.0	22.5	78.2	125.9	142.9
133.5	0.0	21.9	76.8	123.9	141.0
134.0	0.0	21.3	75.5	121.9	138.9
134.5	0.0	20.6	74.2	120.0	136.8
135.0	0.0	20.0	72.8	118.1	134.6
135.5	0.0	19.4	71.5	116.1	132.6
136.0	0.0	18.8	70.1	114.1	130.4
136.5	0.0	18.2	68.7	112.0	128.1
137.0	0.0	17.7	67.4	110.0	126.2
137.5	0.0	17.1	66.1	107.8	123.8
138.0	0.0	16.5	64.8	105.5	121.7
138.5	0.0	15.9	63.5	103.2	119.6

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.IES

CANDELA TABULATION - (Cont.)

139.0	0.0	15.3	62.2	100.9	117.4
139.5	0.0	14.8	61.0	98.5	115.1
140.0	0.0	14.2	59.7	96.1	112.8
140.5	0.0	13.6	58.5	93.9	110.5
141.0	0.0	12.9	57.2	91.8	108.2
141.5	0.0	12.3	55.9	89.8	105.8
142.0	0.0	11.7	54.7	88.0	103.5
142.5	0.0	11.0	53.4	86.1	101.1
143.0	0.0	10.3	52.0	84.2	98.7
143.5	0.0	9.7	50.7	82.3	96.5
144.0	0.0	9.1	49.5	80.1	94.3
144.5	0.0	8.4	48.1	77.7	92.1
145.0	0.0	7.8	46.9	75.5	89.9
145.5	0.0	7.1	45.5	73.6	87.8
146.0	0.0	6.5	44.2	72.0	85.5
146.5	0.0	5.8	42.8	70.3	82.8
147.0	0.0	5.2	41.3	68.6	80.0
147.5	0.0	4.7	39.8	66.8	77.3
148.0	0.0	4.2	38.4	65.1	74.6
148.5	0.0	3.7	37.1	63.3	71.5
149.0	0.0	3.2	35.7	61.6	68.8
149.5	0.0	2.6	34.3	59.9	66.8
150.0	0.0	2.1	32.9	58.1	65.0
150.5	0.0	1.6	31.6	55.9	62.6
151.0	0.0	1.1	30.3	53.7	59.5
151.5	0.0	0.8	29.0	51.7	57.2
152.0	0.0	0.5	27.6	49.8	55.6
152.5	0.0	0.3	26.2	47.9	54.4
153.0	0.0	0.2	24.9	46.1	52.7
153.5	0.0	0.1	23.5	44.5	50.8
154.0	0.0	0.0	22.2	42.8	49.0
154.5	0.0	0.0	20.9	41.0	47.1
155.0	0.0	0.0	19.6	39.3	45.3
155.5	0.0	0.0	18.3	37.7	43.6
156.0	0.0	0.0	17.1	36.1	42.0
156.5	0.0	0.0	15.9	34.4	40.4
157.0	0.0	0.0	14.7	32.7	38.6
157.5	0.0	0.0	13.5	31.0	36.5
158.0	0.0	0.0	12.3	29.3	34.5
158.5	0.0	0.0	11.1	27.6	32.5
159.0	0.0	0.0	9.9	25.9	30.6
159.5	0.0	0.0	8.8	24.2	28.7
160.0	0.0	0.0	7.6	22.5	26.9
160.5	0.0	0.0	6.5	20.9	25.2
161.0	0.0	0.0	5.3	19.2	23.4
161.5	0.0	0.0	4.3	17.5	21.7
162.0	0.0	0.0	3.4	15.7	20.0
162.5	0.0	0.0	2.6	14.0	18.3
163.0	0.0	0.0	1.8	12.2	16.7
163.5	0.0	0.0	1.3	10.6	15.1
164.0	0.0	0.0	0.7	9.0	13.4
164.5	0.0	0.0	0.3	7.5	11.7
165.0	0.0	0.0	0.0	5.9	10.0
165.5	0.0	0.0	0.0	4.4	8.2
166.0	0.0	0.0	0.0	3.0	6.6
166.5	0.0	0.0	0.0	2.2	4.9

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.IES

CANDELA TABULATION - (Cont.)

167.0	0.0	0.0	0.0	1.4	3.3
167.5	0.0	0.0	0.0	0.7	2.5
168.0	0.0	0.0	0.0	0.1	1.6
168.5	0.0	0.0	0.0	0.0	0.7
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 : 7K 360P-2-D-835-X-WA.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	774.16	N.A.	11.30
0-30	1629.45	N.A.	23.70
0-40	2641.8	N.A.	38.40
0-60	4616.48	N.A.	67.20
0-80	5907.51	N.A.	86.00
0-90	6226.31	N.A.	90.60
10-90	6024.87	N.A.	87.70
20-40	1867.64	N.A.	27.20
20-50	2901.84	N.A.	42.20
40-70	2733.77	N.A.	39.80
60-80	1291.03	N.A.	18.80
70-80	531.95	N.A.	7.70
80-90	318.79	N.A.	4.60
90-110	359.37	N.A.	5.20
90-120	469.84	N.A.	6.80
90-130	552.51	N.A.	8.00
90-150	634.48	N.A.	9.20
90-180	645.53	N.A.	9.40
110-180	286.16	N.A.	4.20
0-180	6871.83	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	201.44
10-20	572.72
20-30	855.29
30-40	1012.35
40-50	1034.2
50-60	940.49
60-70	759.08
70-80	531.95
80-90	318.79
90-100	207.04
100-110	152.33
110-120	110.48
120-130	82.67
130-140	54.07
140-150	27.89
150-160	9.83
160-170	1.22
170-180	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.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	117	117	117	117	117	113	113	113	113	106	106	106	99	99	99	93	93	93	91
1	105	100	95	91	102	97	92	89	91	87	84	85	82	80	80	78	76	73	73
2	95	87	79	73	92	84	77	72	79	73	69	74	70	66	70	66	63	60	60
3	87	76	67	61	83	74	66	59	69	63	57	65	60	55	61	57	53	50	50
4	79	67	58	51	76	65	57	50	61	54	49	58	52	47	55	50	45	43	43
5	73	60	51	44	70	58	50	43	55	48	42	52	46	41	49	44	39	37	37
6	67	54	45	38	65	52	44	38	50	42	37	47	41	36	45	39	35	32	32
7	62	49	40	34	60	48	39	33	45	38	32	43	36	32	41	35	31	29	29
8	58	45	36	30	56	43	35	30	41	34	29	39	33	28	37	32	28	26	26
9	54	41	33	27	52	40	32	27	38	31	26	36	30	25	35	29	25	23	23
10	51	38	30	24	49	37	29	24	35	28	24	34	27	23	32	27	23	21	21

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-D-835-X-WA.IES

UGR TABLE - CORRECTED

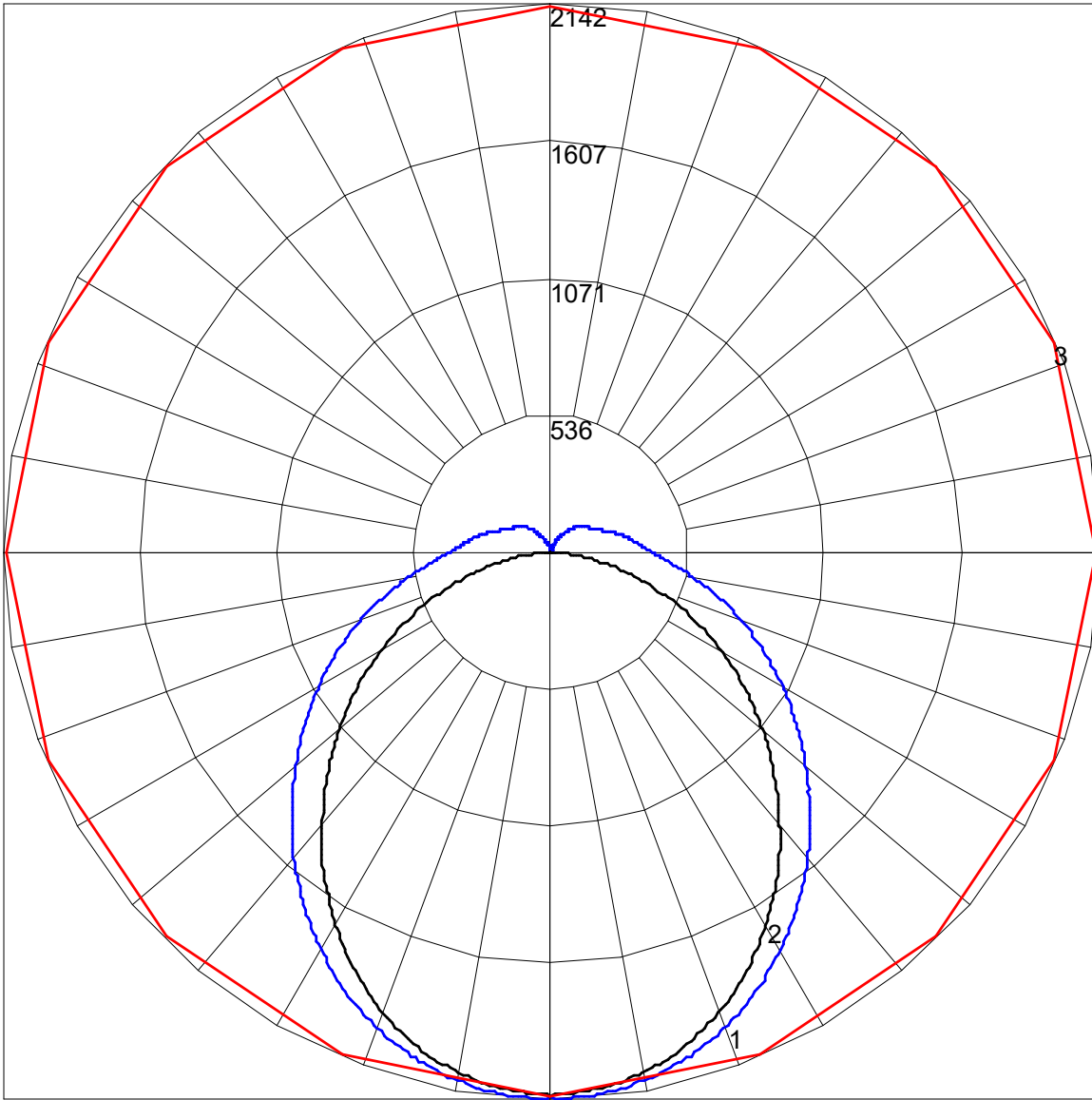
Reflectances

Ceiling Cavity	70	70	50	50	30	70	70	50	50	30
Walls	50	30	50	30	30	50	30	50	30	30
Floor Cavity	20	20	20	20	20	20	20	20	20	20

Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	21.2	22.7	21.7	23.2	23.7	23.1	24.5	23.6	25.0	25.6
	3H	22.7	24.0	23.2	24.5	25.1	25.4	26.8	26.0	27.3	27.9
	4H	23.2	24.5	23.7	25.0	25.6	26.6	27.8	27.1	28.3	28.9
	6H	23.5	24.7	24.0	25.2	25.8	27.7	28.9	28.2	29.4	30.0
	8H	23.5	24.7	24.1	25.2	25.8	28.3	29.4	28.8	30.0	30.6
	12H	23.5	24.6	24.1	25.2	25.8	28.9	30.0	29.5	30.5	31.2
4H	2H	22.0	23.3	22.6	23.8	24.4	23.5	24.8	24.0	25.3	25.9
	3H	23.8	24.9	24.3	25.4	26.0	26.1	27.2	26.7	27.8	28.4
	4H	24.4	25.4	25.0	25.9	26.6	27.4	28.4	28.0	29.0	29.6
	6H	24.8	25.7	25.4	26.3	26.9	28.8	29.7	29.4	30.3	30.9
	8H	24.9	25.7	25.5	26.3	27.0	29.5	30.3	30.1	30.9	31.6
	12H	24.9	25.7	25.5	26.3	27.0	30.2	31.0	30.8	31.6	32.3
8H	4H	25.1	25.9	25.7	26.5	27.1	27.7	28.5	28.3	29.1	29.7
	6H	25.7	26.3	26.3	27.0	27.7	29.2	29.9	29.8	30.5	31.2
	8H	25.8	26.5	26.5	27.1	27.8	30.1	30.7	30.7	31.3	32.0
	12H	26.0	26.5	26.6	27.1	27.9	31.0	31.6	31.7	32.2	33.0
12H	4H	25.2	26.0	25.9	26.6	27.3	27.7	28.4	28.3	29.0	29.7
	6H	26.0	26.6	26.6	27.2	27.9	29.3	29.9	29.9	30.5	31.2
	8H	26.2	26.8	26.9	27.4	28.2	30.2	30.7	30.8	31.4	32.1

Maximum UGR = 33.0

POLAR GRAPH



Maximum Candela = 2142 Located At Horizontal Angle = 90, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (0)