



IES INDOOR REPORT
PHOTOMETRIC FILENAME : 8K 360P-2-UD-835-X-CA.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 13551818.05
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 11/4/2020
 [MANUFAC] Lux Dynamics
 [LUMCAT] 360P-2-UD-835-xxx-xx-CA
 [LUMINAIRE] Gray cylindrical metal housing with diffuse plastic lens
 [LAMP] White 612 LEDs
 [BALLAST] One (1) OSRAM OPTOTRONIC OTi 85/120-277/2A3 DIM L HB
 [OTHER] 26 C, 276.996 V, 0.193736 A, 50.9993 W, 0.950341 PF, 59.9681 H
 [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	8013
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	157
Total Luminaire Watts	50.9993
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)	1.92 ft
Luminous Width (90-270)	0.38 ft
Luminous Height	0.38 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	15730	10077	9817
55	12447	7620	9057
65	8037	7287	6272
75	3484	4887	3436
85	971	3306	2125

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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	1402.0	1402.0	1402.0	1402.0	1402.0
0.5	1410.0	1400.0	1401.0	1401.0	1404.0
1.0	1410.0	1400.0	1399.0	1402.0	1405.0
1.5	1409.0	1400.0	1397.0	1398.0	1399.0
2.0	1408.0	1397.0	1395.0	1395.0	1398.0
2.5	1409.0	1394.0	1393.0	1392.0	1397.0
3.0	1408.0	1392.0	1390.0	1386.0	1387.0
3.5	1409.0	1389.0	1387.0	1377.0	1374.0
4.0	1408.0	1387.0	1383.0	1365.0	1360.0
4.5	1406.0	1386.0	1375.0	1351.0	1346.0
5.0	1404.0	1383.0	1367.0	1339.0	1336.0
5.5	1401.0	1382.0	1355.0	1330.0	1333.0
6.0	1402.0	1380.0	1343.0	1330.0	1344.0
6.5	1400.0	1377.0	1331.0	1340.0	1351.0
7.0	1398.0	1374.0	1322.0	1347.0	1350.0
7.5	1394.0	1370.0	1318.0	1347.0	1350.0
8.0	1393.0	1367.0	1322.0	1347.0	1353.0
8.5	1391.0	1360.0	1327.0	1349.0	1362.0
9.0	1390.0	1354.0	1333.0	1355.0	1375.0
9.5	1386.0	1345.0	1339.0	1366.0	1388.0
10.0	1385.0	1340.0	1340.0	1379.0	1402.0
10.5	1383.0	1330.0	1340.0	1391.0	1408.0
11.0	1379.0	1322.0	1339.0	1400.0	1403.0
11.5	1376.0	1312.0	1341.0	1401.0	1400.0
12.0	1372.0	1304.0	1346.0	1395.0	1400.0
12.5	1369.0	1297.0	1352.0	1393.0	1395.0
13.0	1365.0	1291.0	1362.0	1392.0	1388.0
13.5	1362.0	1289.0	1370.0	1387.0	1388.0
14.0	1358.0	1285.0	1378.0	1381.0	1396.0
14.5	1355.0	1283.0	1381.0	1379.0	1402.0
15.0	1349.0	1284.0	1380.0	1385.0	1399.0
15.5	1348.0	1287.0	1379.0	1391.0	1393.0
16.0	1343.0	1288.0	1372.0	1392.0	1390.0
16.5	1338.0	1291.0	1365.0	1386.0	1388.0
17.0	1332.0	1293.0	1355.0	1380.0	1372.0
17.5	1329.0	1295.0	1346.0	1376.0	1341.0
18.0	1323.0	1296.0	1335.0	1369.0	1310.0
18.5	1316.0	1296.0	1330.0	1346.0	1292.0
19.0	1311.0	1295.0	1331.0	1317.0	1289.0
19.5	1306.0	1291.0	1338.0	1292.0	1287.0
20.0	1300.0	1286.0	1344.0	1279.0	1283.0
20.5	1293.0	1281.0	1346.0	1274.0	1277.0
21.0	1285.0	1277.0	1343.0	1273.0	1281.0
21.5	1279.0	1272.0	1338.0	1267.0	1298.0
22.0	1273.0	1271.0	1332.0	1262.0	1310.0
22.5	1268.0	1270.0	1322.0	1267.0	1310.0
23.0	1261.0	1268.0	1312.0	1283.0	1304.0
23.5	1254.0	1267.0	1295.0	1295.0	1294.0
24.0	1246.0	1265.0	1273.0	1294.0	1282.0
24.5	1238.0	1262.0	1254.0	1285.0	1271.0
25.0	1232.0	1262.0	1238.0	1275.0	1264.0
25.5	1225.0	1260.0	1226.0	1261.0	1251.0
26.0	1217.0	1258.0	1218.0	1252.0	1239.0
26.5	1209.0	1254.0	1211.0	1244.0	1222.0

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CANDELA TABULATION - (Cont.)

27.0	1204.0	1247.0	1206.0	1234.0	1213.0
27.5	1199.0	1239.0	1203.0	1223.0	1212.0
28.0	1191.0	1231.0	1204.0	1210.0	1208.0
28.5	1184.0	1222.0	1207.0	1197.0	1202.0
29.0	1175.0	1210.0	1211.0	1191.0	1199.0
29.5	1167.0	1198.0	1211.0	1186.0	1195.0
30.0	1158.0	1185.0	1206.0	1182.0	1193.0
30.5	1150.0	1174.0	1194.0	1179.0	1190.0
31.0	1141.0	1162.0	1179.0	1174.0	1174.0
31.5	1132.0	1150.0	1162.0	1170.0	1159.0
32.0	1122.0	1140.0	1149.0	1167.0	1135.0
32.5	1113.0	1133.0	1139.0	1162.0	1105.0
33.0	1104.0	1125.0	1131.0	1148.0	1088.0
33.5	1096.0	1118.0	1123.0	1132.0	1082.0
34.0	1088.0	1110.0	1114.0	1109.0	1079.0
34.5	1079.0	1102.0	1106.0	1082.0	1079.0
35.0	1071.0	1093.0	1097.0	1063.0	1082.0
35.5	1063.0	1084.0	1090.0	1056.0	1089.0
36.0	1054.0	1075.0	1087.0	1052.0	1100.0
36.5	1045.0	1065.0	1084.0	1048.0	1105.0
37.0	1037.0	1056.0	1078.0	1047.0	1096.0
37.5	1028.0	1046.0	1068.0	1049.0	1074.0
38.0	1020.0	1037.0	1056.0	1055.0	1044.0
38.5	1011.0	1028.0	1047.0	1063.0	1006.0
39.0	1002.0	1019.0	1037.0	1064.0	976.2
39.5	993.0	1010.0	1028.0	1049.0	958.5
40.0	983.0	1002.0	1019.0	1022.0	947.3
40.5	972.9	994.0	1009.0	988.4	940.9
41.0	964.0	985.0	998.2	953.9	935.6
41.5	954.3	975.5	984.7	927.3	936.4
42.0	944.9	964.8	970.0	909.6	940.2
42.5	935.9	953.7	956.0	899.9	944.9
43.0	926.9	941.7	945.3	894.0	950.1
43.5	917.9	930.0	932.2	887.5	949.3
44.0	908.6	918.2	915.6	883.5	938.2
44.5	899.4	905.9	896.3	881.3	928.6
45.0	889.0	892.7	879.0	882.3	928.1
45.5	878.6	879.2	866.4	883.4	921.9
46.0	867.2	865.4	858.0	879.3	914.5
46.5	855.1	851.6	853.0	869.3	908.2
47.0	842.8	838.4	850.9	861.9	900.6
47.5	829.2	825.0	849.5	860.7	888.4
48.0	815.1	811.3	844.6	858.2	878.0
48.5	800.6	798.6	831.7	852.5	869.3
49.0	786.0	786.5	812.1	845.1	857.2
49.5	771.4	774.8	788.3	833.3	846.5
50.0	756.9	763.3	764.9	817.0	842.9
50.5	742.6	752.7	745.3	805.0	839.5
51.0	728.6	742.7	730.0	798.4	833.2
51.5	714.4	733.6	718.9	789.8	822.9
52.0	700.2	724.7	710.8	779.1	815.1
52.5	685.9	716.0	702.3	776.6	822.2
53.0	671.1	706.6	693.0	779.6	838.7
53.5	656.6	695.3	684.4	783.7	850.6
54.0	641.4	683.3	674.6	785.7	847.3
54.5	625.7	670.6	661.6	785.8	841.7

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CANDELA TABULATION - (Cont.)

55.0	610.6	658.1	644.9	792.1	843.2
55.5	595.5	645.7	629.0	804.6	846.8
56.0	580.4	633.4	618.7	812.1	847.8
56.5	565.5	621.1	613.5	805.4	836.8
57.0	550.6	608.8	610.7	791.6	820.2
57.5	535.5	596.2	606.8	779.3	803.2
58.0	521.0	583.8	600.3	768.7	780.4
58.5	506.3	570.8	591.8	762.1	755.5
59.0	491.9	557.5	583.2	754.8	735.2
59.5	477.6	544.7	576.6	741.7	716.6
60.0	463.1	531.3	573.4	726.5	697.7
60.5	448.9	517.7	573.6	709.7	677.9
61.0	434.5	504.4	576.4	688.8	661.7
61.5	420.3	491.6	581.1	668.0	647.5
62.0	406.0	479.1	588.3	650.0	630.5
62.5	391.8	466.8	595.7	632.4	612.9
63.0	377.5	455.0	602.1	615.6	598.2
63.5	363.6	443.6	603.8	599.7	587.1
64.0	349.8	432.5	599.8	587.4	579.2
64.5	336.1	421.9	590.8	576.8	569.3
65.0	322.3	411.5	579.1	567.1	557.2
65.5	308.8	401.4	564.3	559.0	545.2
66.0	295.3	391.3	547.7	549.9	531.4
66.5	281.9	381.7	530.4	538.8	511.8
67.0	268.2	372.4	514.1	527.2	490.5
67.5	254.7	362.9	500.6	513.7	470.8
68.0	241.9	353.4	490.0	495.4	456.9
68.5	229.2	344.2	482.2	475.8	446.4
69.0	216.7	334.9	475.2	457.1	436.1
69.5	204.7	325.7	468.3	439.3	426.0
70.0	193.6	317.0	462.3	422.3	414.6
70.5	182.6	308.7	457.5	406.5	402.9
71.0	172.0	300.8	450.9	392.2	389.1
71.5	161.8	293.4	442.8	380.1	372.9
72.0	152.3	286.3	432.8	369.9	358.5
72.5	143.2	279.8	420.7	361.1	343.7
73.0	134.5	273.5	407.3	353.7	327.7
73.5	126.3	267.2	392.5	348.0	312.0
74.0	118.5	260.9	378.2	340.0	298.8
74.5	111.2	254.5	364.4	326.9	289.2
75.0	104.3	247.9	351.3	310.7	281.3
75.5	97.6	241.1	339.1	293.5	273.1
76.0	91.3	233.8	327.9	277.5	266.1
76.5	85.2	226.5	317.8	264.3	258.8
77.0	79.5	218.7	308.3	253.7	250.2
77.5	74.0	210.9	299.4	245.4	241.3
78.0	68.8	203.0	290.4	238.8	232.0
78.5	63.9	195.0	280.9	233.1	222.6
79.0	59.2	187.0	271.1	227.8	213.7
79.5	54.7	179.3	261.5	222.0	206.7
80.0	50.5	172.0	252.3	216.2	200.3
80.5	46.4	164.7	244.2	210.9	194.6
81.0	42.6	157.5	237.2	205.4	189.8
81.5	39.0	150.7	231.6	199.9	184.8
82.0	35.6	144.2	226.5	194.4	179.9
82.5	32.3	137.8	222.0	189.0	175.3

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CANDELA TABULATION - (Cont.)

83.0	29.1	131.8	217.9	184.5	170.3
83.5	26.1	126.3	214.1	180.0	165.9
84.0	23.3	121.0	210.7	176.2	161.7
84.5	20.7	116.1	208.0	172.1	157.5
85.0	18.3	111.5	205.4	168.2	153.9
85.5	16.1	107.2	202.6	164.7	151.4
86.0	14.0	103.4	199.7	162.0	148.6
86.5	12.2	99.9	196.8	159.7	145.8
87.0	10.7	96.8	194.6	157.5	144.6
87.5	9.3	94.2	192.5	156.0	143.6
88.0	8.2	92.1	190.8	155.1	142.7
88.5	7.3	90.4	189.5	154.4	142.4
89.0	6.4	89.2	188.4	153.8	141.9
89.5	5.7	88.6	187.7	153.7	141.7
90.0	5.3	88.4	187.6	154.2	141.3
90.5	2.8	90.0	191.7	161.9	149.0
91.0	3.5	90.8	191.8	161.2	148.4
91.5	4.3	92.1	192.8	161.0	147.9
92.0	4.9	93.9	194.4	161.3	148.6
92.5	5.9	96.2	196.4	162.3	149.7
93.0	7.0	99.0	198.7	163.4	151.2
93.5	8.2	102.0	201.2	164.5	153.0
94.0	9.7	105.5	204.1	166.5	155.5
94.5	11.4	109.4	207.3	169.6	157.8
95.0	13.4	113.7	210.5	172.4	160.2
95.5	15.5	118.5	213.9	174.4	163.7
96.0	17.7	123.7	217.7	177.0	167.0
96.5	20.3	129.1	221.9	180.5	169.5
97.0	23.0	134.9	227.0	184.0	172.6
97.5	25.9	141.1	232.0	187.2	177.5
98.0	28.9	147.3	236.8	191.2	182.6
98.5	32.1	154.1	241.6	195.8	187.6
99.0	35.5	161.1	246.7	200.7	192.0
99.5	39.1	168.7	251.9	205.9	197.0
100.0	42.9	176.0	257.8	211.4	202.4
100.5	47.0	183.5	264.2	217.2	207.3
101.0	51.4	191.2	271.0	224.7	212.5
101.5	56.0	198.7	278.2	233.5	218.3
102.0	61.0	206.3	286.1	243.0	225.2
102.5	66.1	214.0	295.0	252.0	231.0
103.0	71.5	221.7	304.9	260.1	236.5
103.5	77.2	229.4	315.4	268.6	243.3
104.0	83.3	237.4	326.6	277.9	251.8
104.5	89.7	245.2	338.0	287.4	261.9
105.0	96.4	253.0	349.1	296.9	274.3
105.5	103.4	260.4	359.7	306.1	288.5
106.0	110.7	267.7	370.6	315.8	302.9
106.5	118.5	274.5	382.2	326.3	316.0
107.0	126.4	280.9	394.8	338.1	326.2
107.5	134.9	287.0	407.9	351.0	335.4
108.0	143.9	292.9	421.0	366.6	344.8
108.5	153.2	298.8	434.3	383.0	354.5
109.0	163.1	304.9	447.3	396.3	363.5
109.5	173.8	311.1	460.8	405.5	374.4
110.0	183.8	317.5	473.9	413.0	388.0
110.5	194.9	324.3	486.3	422.3	399.6

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CANDELA TABULATION - (Cont.)

111.0	206.2	331.3	497.1	433.9	409.7
111.5	218.2	338.8	506.4	446.5	422.5
112.0	230.6	346.7	514.3	459.7	440.2
112.5	243.1	354.5	522.0	474.1	459.8
113.0	256.0	362.7	530.1	491.2	474.3
113.5	269.0	371.4	538.8	508.3	485.9
114.0	282.3	380.5	547.1	525.5	496.8
114.5	295.7	390.3	554.2	543.2	508.8
115.0	309.2	400.4	561.5	561.6	521.3
115.5	322.3	410.9	569.2	580.6	534.8
116.0	335.5	421.7	578.4	596.3	552.6
116.5	348.7	433.0	588.7	609.3	573.1
117.0	362.0	444.7	599.8	623.6	594.7
117.5	375.1	456.5	610.4	637.6	612.8
118.0	388.3	468.2	620.7	648.7	626.2
118.5	402.2	479.7	629.3	658.4	641.0
119.0	416.3	491.1	635.4	669.5	656.6
119.5	430.2	502.6	637.2	681.4	667.7
120.0	444.3	514.1	634.2	693.6	681.4
120.5	458.5	526.0	628.4	706.7	700.0
121.0	472.9	537.6	622.3	720.9	717.9
121.5	487.5	549.1	617.2	737.4	732.7
122.0	501.6	560.6	613.8	754.9	742.5
122.5	516.1	572.1	612.8	771.7	749.9
123.0	530.2	584.0	615.4	783.6	762.2
123.5	544.2	596.0	621.9	791.3	777.7
124.0	558.4	608.0	631.4	798.4	791.4
124.5	572.3	620.8	642.3	804.3	806.3
125.0	586.0	634.2	654.6	808.8	823.8
125.5	599.9	648.4	665.2	816.4	838.9
126.0	613.9	662.6	671.8	825.4	846.0
126.5	627.9	676.3	675.6	832.7	851.7
127.0	642.2	689.3	680.8	837.3	864.8
127.5	656.5	701.0	690.5	836.9	875.8
128.0	670.7	711.6	704.5	834.3	881.7
128.5	684.6	722.2	721.0	835.1	888.3
129.0	699.1	733.4	736.0	838.0	892.8
129.5	713.0	744.9	747.1	837.8	894.7
130.0	726.5	756.6	756.7	831.2	893.6
130.5	740.2	767.5	767.9	826.5	883.5
131.0	753.4	777.7	779.4	827.7	877.0
131.5	766.0	787.5	788.8	834.6	878.8
132.0	778.5	797.4	797.9	845.8	884.9
132.5	790.5	807.6	808.6	856.2	889.5
133.0	802.5	818.2	822.0	864.4	890.6
133.5	814.8	829.9	838.7	875.5	888.9
134.0	826.2	840.9	857.6	889.1	894.2
134.5	837.8	851.9	876.2	899.7	911.8
135.0	849.2	863.3	891.1	907.1	929.6
135.5	859.1	874.7	902.4	908.5	936.0
136.0	869.2	886.2	910.0	902.5	938.4
136.5	878.9	898.6	914.2	897.0	944.8
137.0	887.8	911.9	917.8	901.0	951.3
137.5	896.2	925.6	920.9	913.9	961.1
138.0	905.0	939.4	927.2	926.6	969.2
138.5	913.3	953.2	940.4	933.9	967.1

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CANDELA TABULATION - (Cont.)

139.0	921.2	965.6	960.3	940.5	959.7
139.5	928.6	977.5	979.4	950.4	960.2
140.0	936.6	987.8	994.6	959.1	968.3
140.5	944.2	998.0	1006.0	961.7	976.3
141.0	952.2	1008.0	1016.0	962.7	978.8
141.5	960.7	1019.0	1029.0	967.9	982.3
142.0	968.4	1029.0	1040.0	979.6	992.8
142.5	976.8	1038.0	1049.0	1004.0	1003.0
143.0	985.5	1047.0	1056.0	1042.0	1005.0
143.5	994.2	1055.0	1065.0	1076.0	1005.0
144.0	1003.0	1062.0	1073.0	1094.0	1004.0
144.5	1011.0	1069.0	1078.0	1097.0	1013.0
145.0	1020.0	1075.0	1081.0	1093.0	1043.0
145.5	1029.0	1082.0	1087.0	1088.0	1089.0
146.0	1038.0	1088.0	1098.0	1092.0	1124.0
146.5	1046.0	1095.0	1112.0	1107.0	1136.0
147.0	1055.0	1103.0	1126.0	1120.0	1134.0
147.5	1063.0	1112.0	1136.0	1124.0	1124.0
148.0	1072.0	1123.0	1143.0	1124.0	1123.0
148.5	1079.0	1133.0	1149.0	1128.0	1135.0
149.0	1087.0	1144.0	1159.0	1144.0	1151.0
149.5	1095.0	1155.0	1171.0	1166.0	1154.0
150.0	1103.0	1166.0	1183.0	1183.0	1147.0
150.5	1109.0	1176.0	1191.0	1194.0	1146.0
151.0	1116.0	1183.0	1195.0	1198.0	1161.0
151.5	1123.0	1191.0	1197.0	1190.0	1185.0
152.0	1128.0	1196.0	1200.0	1187.0	1202.0
152.5	1135.0	1202.0	1209.0	1197.0	1217.0
153.0	1142.0	1207.0	1220.0	1218.0	1220.0
153.5	1149.0	1215.0	1231.0	1238.0	1212.0
154.0	1155.0	1222.0	1237.0	1247.0	1209.0
154.5	1162.0	1230.0	1239.0	1245.0	1227.0
155.0	1168.0	1239.0	1236.0	1245.0	1249.0
155.5	1175.0	1246.0	1238.0	1252.0	1266.0
156.0	1182.0	1253.0	1246.0	1267.0	1266.0
156.5	1189.0	1259.0	1257.0	1277.0	1261.0
157.0	1191.0	1263.0	1272.0	1273.0	1261.0
157.5	1197.0	1267.0	1281.0	1271.0	1275.0
158.0	1202.0	1271.0	1287.0	1279.0	1291.0
158.5	1207.0	1274.0	1295.0	1291.0	1289.0
159.0	1213.0	1276.0	1302.0	1306.0	1284.0
159.5	1217.0	1279.0	1309.0	1310.0	1290.0
160.0	1220.0	1280.0	1314.0	1305.0	1305.0
160.5	1226.0	1282.0	1319.0	1298.0	1317.0
161.0	1230.0	1283.0	1324.0	1300.0	1324.0
161.5	1238.0	1282.0	1333.0	1317.0	1314.0
162.0	1242.0	1283.0	1344.0	1334.0	1306.0
162.5	1247.0	1285.0	1350.0	1343.0	1314.0
163.0	1254.0	1286.0	1351.0	1348.0	1332.0
163.5	1258.0	1290.0	1347.0	1350.0	1350.0
164.0	1263.0	1293.0	1340.0	1359.0	1356.0
164.5	1265.0	1298.0	1338.0	1366.0	1359.0
165.0	1268.0	1303.0	1339.0	1370.0	1365.0
165.5	1272.0	1308.0	1343.0	1378.0	1374.0
166.0	1274.0	1313.0	1346.0	1390.0	1379.0
166.5	1279.0	1319.0	1347.0	1396.0	1384.0

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CANDELA TABULATION - (Cont.)

167.0	1281.0	1325.0	1349.0	1388.0	1396.0
167.5	1285.0	1332.0	1351.0	1373.0	1406.0
168.0	1289.0	1338.0	1354.0	1361.0	1396.0
168.5	1292.0	1344.0	1354.0	1356.0	1377.0
169.0	1296.0	1350.0	1352.0	1360.0	1360.0
169.5	1299.0	1354.0	1348.0	1363.0	1360.0
170.0	1302.0	1356.0	1339.0	1364.0	1365.0
170.5	1305.0	1359.0	1336.0	1365.0	1368.0
171.0	1307.0	1360.0	1335.0	1368.0	1366.0
171.5	1308.0	1359.0	1339.0	1367.0	1370.0
172.0	1311.0	1357.0	1345.0	1358.0	1373.0
172.5	1311.0	1356.0	1352.0	1349.0	1365.0
173.0	1312.0	1354.0	1359.0	1344.0	1352.0
173.5	1313.0	1351.0	1369.0	1349.0	1347.0
174.0	1315.0	1348.0	1375.0	1359.0	1352.0
174.5	1315.0	1343.0	1377.0	1365.0	1362.0
175.0	1316.0	1338.0	1374.0	1376.0	1369.0
175.5	1317.0	1333.0	1369.0	1384.0	1381.0
176.0	1318.0	1329.0	1364.0	1383.0	1388.0
176.5	1319.0	1326.0	1357.0	1373.0	1382.0
177.0	1322.0	1326.0	1350.0	1364.0	1368.0
177.5	1321.0	1327.0	1342.0	1356.0	1361.0
178.0	1323.0	1327.0	1332.0	1348.0	1353.0
178.5	1322.0	1331.0	1328.0	1336.0	1339.0
179.0	1324.0	1334.0	1328.0	1331.0	1333.0
179.5	1324.0	1336.0	1333.0	1335.0	1336.0
180.0	1334.0	1334.0	1334.0	1334.0	1334.0

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 8K 360P-2-UD-835-X-CA.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	510.81	N.A.	6.40
0-30	1088.34	N.A.	13.60
0-40	1772.6	N.A.	22.10
0-60	3089.12	N.A.	38.60
0-80	3870.72	N.A.	48.30
0-90	4032.04	N.A.	50.30
10-90	3901.9	N.A.	48.70
20-40	1261.79	N.A.	15.70
20-50	1951.07	N.A.	24.30
40-70	1804.61	N.A.	22.50
60-80	781.60	N.A.	9.80
70-80	293.51	N.A.	3.70
80-90	161.32	N.A.	2.00
90-110	454.26	N.A.	5.70
90-120	935.78	N.A.	11.70
90-130	1560.54	N.A.	19.50
90-150	2907.82	N.A.	36.30
90-180	3980.62	N.A.	49.70
110-180	3526.36	N.A.	44.00
0-180	8012.66	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	130.13
10-20	380.68
20-30	577.53
30-40	684.25
40-50	689.29
50-60	627.23
60-70	488.09
70-80	293.51
80-90	161.32
90-100	164.19
100-110	290.06
110-120	481.52
120-130	624.76
130-140	678.11
140-150	669.16
150-160	568.13
160-170	375.79
170-180	128.88

IES INDOOR REPORT
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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	107	107	107	107	99	99	99	99	84	84	84	69	69	69	56	56	56	50
1	97	93	89	85	90	86	82	79	72	70	67	60	58	57	49	48	47	41
2	88	81	74	69	81	75	69	64	63	59	55	53	50	47	43	41	39	34
3	81	71	63	57	74	65	59	54	56	51	46	46	43	39	38	35	33	29
4	74	63	54	48	68	58	51	45	49	44	39	41	37	34	34	31	28	24
5	67	56	47	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	29	33	29	25	27	24	21	19
7	57	45	37	31	53	42	35	29	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	18	23	19	16	20	16	14	12

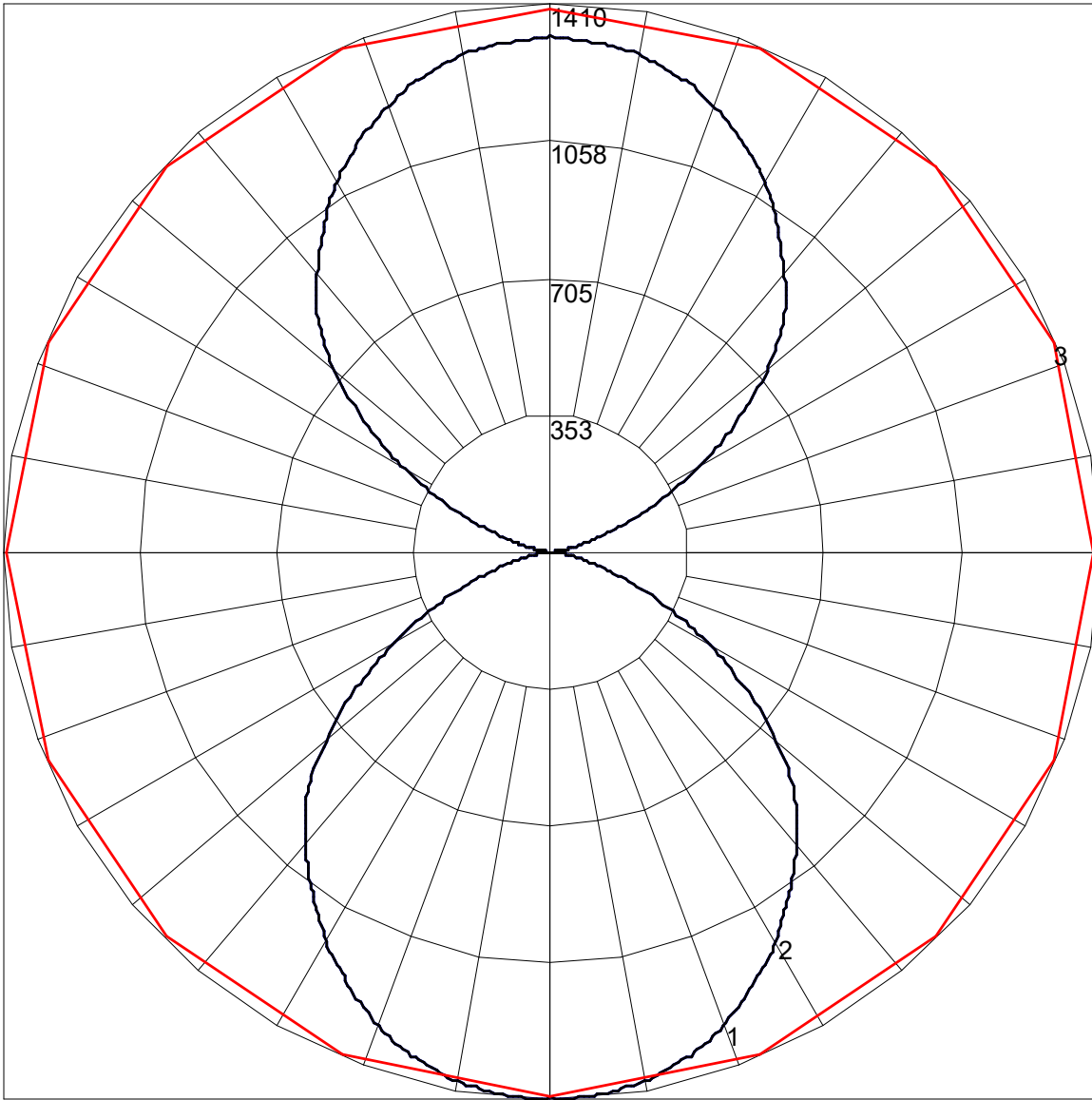
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UGR TABLE - CORRECTED

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	14.3	15.1	15.2	16.1	17.4	17.6	18.5	18.5	19.4	20.7
	3H	15.1	15.9	16.1	16.9	18.2	19.1	19.9	20.0	20.8	22.1
	4H	15.3	16.0	16.2	17.0	18.3	19.6	20.3	20.5	21.3	22.6
	6H	15.3	16.0	16.3	17.0	18.3	19.9	20.6	20.9	21.6	22.9
	8H	15.3	15.9	16.3	16.9	18.3	20.1	20.7	21.1	21.8	23.1
	12H	15.2	15.9	16.2	16.9	18.2	20.3	20.9	21.3	21.9	23.2
4H	2H	15.3	16.0	16.3	17.0	18.3	17.9	18.6	18.9	19.6	20.9
	3H	16.4	17.0	17.4	18.0	19.3	19.5	20.1	20.5	21.1	22.5
	4H	16.7	17.3	17.7	18.3	19.6	20.1	20.7	21.1	21.7	23.0
	6H	16.8	17.3	17.8	18.4	19.7	20.6	21.1	21.6	22.1	23.4
	8H	16.8	17.3	17.9	18.3	19.7	20.8	21.3	21.8	22.3	23.6
	12H	16.8	17.2	17.9	18.3	19.6	21.0	21.5	22.1	22.5	23.9
8H	4H	17.2	17.7	18.2	18.7	20.0	20.2	20.7	21.2	21.7	23.0
	6H	17.5	17.9	18.6	19.0	20.3	20.8	21.2	21.8	22.2	23.6
	8H	17.6	18.0	18.7	19.0	20.4	21.1	21.4	22.1	22.5	23.9
	12H	17.7	17.9	18.7	19.0	20.4	21.4	21.7	22.5	22.8	24.2
12H	4H	17.2	17.7	18.3	18.7	20.1	20.2	20.6	21.2	21.6	23.0
	6H	17.7	18.0	18.7	19.1	20.4	20.8	21.1	21.8	22.2	23.6
	8H	17.8	18.1	18.9	19.2	20.6	21.2	21.4	22.2	22.5	23.9

Maximum UGR = 24.2

POLAR GRAPH



Maximum Candela = 1410 Located At Horizontal Angle = 0, Vertical Angle = .5
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (0)