



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

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 13551818.06
 [TESTLAB] UL Verification Services Inc.
 [ISSUEDATE] 11/4/2020
 [MANUFAC] Lux Dynamics
 [LUMCAT] 360P-2-UD-835-xxx-xx-WA
 [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] 24.4 C, 277.005 V, 0.193734 A, 51.0028 W, 0.950387 PF, 59.9697
 [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	7296
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	143
Total Luminaire Watts	51.0028
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	11710	8653	8835
55	10019	7218	7623
65	8047	5896	6681
75	5365	4910	6150
85	1734	4457	6015

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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	1147.0	1147.0	1147.0	1147.0	1147.0
0.5	1143.0	1146.0	1147.0	1149.0	1151.0
1.0	1142.0	1145.0	1147.0	1149.0	1150.0
1.5	1142.0	1145.0	1147.0	1148.0	1150.0
2.0	1142.0	1145.0	1145.0	1147.0	1149.0
2.5	1141.0	1144.0	1145.0	1146.0	1148.0
3.0	1140.0	1143.0	1143.0	1145.0	1147.0
3.5	1139.0	1142.0	1142.0	1144.0	1146.0
4.0	1139.0	1140.0	1141.0	1142.0	1145.0
4.5	1137.0	1139.0	1139.0	1141.0	1143.0
5.0	1136.0	1138.0	1138.0	1140.0	1142.0
5.5	1134.0	1136.0	1136.0	1139.0	1141.0
6.0	1133.0	1134.0	1135.0	1137.0	1139.0
6.5	1131.0	1132.0	1133.0	1136.0	1138.0
7.0	1129.0	1130.0	1131.0	1134.0	1136.0
7.5	1127.0	1128.0	1130.0	1132.0	1134.0
8.0	1125.0	1126.0	1127.0	1131.0	1132.0
8.5	1123.0	1124.0	1125.0	1129.0	1130.0
9.0	1121.0	1121.0	1123.0	1126.0	1128.0
9.5	1118.0	1119.0	1121.0	1124.0	1126.0
10.0	1116.0	1116.0	1118.0	1121.0	1124.0
10.5	1113.0	1113.0	1116.0	1119.0	1122.0
11.0	1110.0	1110.0	1113.0	1117.0	1120.0
11.5	1107.0	1107.0	1110.0	1115.0	1118.0
12.0	1104.0	1104.0	1107.0	1112.0	1116.0
12.5	1100.0	1101.0	1104.0	1110.0	1113.0
13.0	1097.0	1097.0	1101.0	1108.0	1111.0
13.5	1093.0	1094.0	1097.0	1105.0	1109.0
14.0	1090.0	1090.0	1094.0	1103.0	1108.0
14.5	1085.0	1086.0	1091.0	1100.0	1106.0
15.0	1081.0	1082.0	1087.0	1098.0	1103.0
15.5	1077.0	1078.0	1084.0	1096.0	1101.0
16.0	1073.0	1074.0	1080.0	1093.0	1098.0
16.5	1068.0	1069.0	1076.0	1090.0	1095.0
17.0	1063.0	1065.0	1073.0	1088.0	1093.0
17.5	1059.0	1060.0	1069.0	1085.0	1090.0
18.0	1054.0	1055.0	1065.0	1081.0	1087.0
18.5	1049.0	1051.0	1061.0	1078.0	1084.0
19.0	1044.0	1046.0	1057.0	1075.0	1082.0
19.5	1039.0	1040.0	1053.0	1072.0	1078.0
20.0	1034.0	1035.0	1049.0	1069.0	1076.0
20.5	1029.0	1030.0	1045.0	1065.0	1073.0
21.0	1023.0	1025.0	1041.0	1062.0	1069.0
21.5	1018.0	1019.0	1037.0	1058.0	1066.0
22.0	1012.0	1014.0	1032.0	1055.0	1063.0
22.5	1006.0	1007.0	1028.0	1051.0	1059.0
23.0	1000.0	1002.0	1023.0	1047.0	1056.0
23.5	994.1	995.7	1019.0	1043.0	1052.0
24.0	987.7	989.5	1014.0	1039.0	1048.0
24.5	981.5	983.3	1010.0	1035.0	1044.0
25.0	974.8	977.1	1005.0	1031.0	1040.0
25.5	968.2	970.8	999.8	1027.0	1036.0
26.0	961.6	964.3	994.8	1022.0	1032.0
26.5	954.8	957.7	989.8	1018.0	1028.0

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CANDELA TABULATION - (Cont.)

27.0	947.3	951.3	984.7	1013.0	1023.0
27.5	940.7	944.7	979.2	1008.0	1019.0
28.0	933.6	938.1	974.1	1003.0	1015.0
28.5	926.6	931.7	968.5	998.6	1010.0
29.0	919.0	925.0	963.1	993.6	1006.0
29.5	911.9	918.2	957.7	988.7	1001.0
30.0	905.1	911.8	951.5	983.8	996.5
30.5	897.6	904.8	945.9	978.6	991.7
31.0	890.5	898.0	940.0	973.4	987.1
31.5	882.8	891.2	934.1	968.6	982.2
32.0	875.9	884.3	928.0	963.3	977.6
32.5	868.2	877.7	921.6	958.2	972.8
33.0	860.5	870.7	915.5	952.9	968.0
33.5	853.2	863.5	909.2	947.5	962.9
34.0	845.5	856.4	902.8	942.3	957.5
34.5	837.8	849.7	896.4	936.8	952.5
35.0	829.8	842.5	890.1	931.2	947.2
35.5	821.8	835.1	883.9	925.4	942.1
36.0	814.2	827.6	877.2	919.7	936.4
36.5	805.7	820.1	870.6	914.0	931.3
37.0	797.8	812.8	864.1	908.3	925.4
37.5	789.6	805.2	857.3	902.6	920.4
38.0	781.2	797.8	850.6	896.9	915.0
38.5	772.7	790.3	843.9	891.0	909.6
39.0	764.1	782.1	837.2	884.9	904.0
39.5	756.1	774.6	830.6	879.2	898.0
40.0	747.7	766.8	823.7	873.2	892.5
40.5	739.5	759.5	817.2	867.3	886.6
41.0	730.3	751.6	810.4	861.0	880.9
41.5	721.2	744.0	803.4	854.9	874.8
42.0	713.5	736.2	796.6	848.8	869.1
42.5	704.4	728.4	789.6	842.8	863.5
43.0	696.7	720.8	782.7	836.2	857.8
43.5	687.2	713.1	775.7	830.2	852.1
44.0	679.3	705.1	768.9	823.7	846.8
44.5	670.5	697.8	761.7	817.4	840.8
45.0	661.8	690.0	754.8	811.4	835.2
45.5	653.3	682.0	747.3	805.2	829.0
46.0	644.5	674.5	739.4	799.5	823.2
46.5	635.8	666.9	732.9	793.6	817.4
47.0	627.3	658.7	726.0	787.4	811.1
47.5	618.8	650.8	718.3	781.1	804.9
48.0	610.0	643.1	710.2	774.7	798.8
48.5	601.5	635.1	703.6	768.1	792.4
49.0	592.9	627.3	696.1	761.5	786.0
49.5	584.3	619.3	688.6	755.0	779.9
50.0	575.9	611.3	681.6	748.8	773.3
50.5	567.5	603.4	674.3	741.7	767.2
51.0	558.8	595.3	667.2	735.8	760.0
51.5	550.3	587.3	659.9	729.3	754.2
52.0	541.9	579.3	652.9	722.6	747.5
52.5	533.5	571.2	645.6	715.9	741.6
53.0	525.0	563.1	638.7	709.3	734.6
53.5	516.6	555.1	631.7	701.9	728.5
54.0	508.1	547.0	624.8	695.3	722.2
54.5	500.2	538.9	617.8	689.4	716.3

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CANDELA TABULATION - (Cont.)

55.0	491.5	531.0	610.9	682.3	709.7
55.5	483.3	523.0	603.8	675.6	703.3
56.0	474.8	514.9	596.8	669.0	696.8
56.5	466.5	506.9	589.9	662.2	691.2
57.0	458.1	498.9	582.7	655.9	684.2
57.5	449.7	491.1	575.5	649.4	679.4
58.0	441.7	483.3	568.4	642.8	673.0
58.5	433.4	475.2	561.2	636.2	666.6
59.0	424.9	467.1	554.1	629.8	660.5
59.5	416.7	459.2	547.0	623.4	654.4
60.0	408.3	451.2	539.6	616.9	648.3
60.5	399.9	443.4	532.3	610.6	642.5
61.0	391.5	435.5	525.4	604.2	636.6
61.5	382.9	427.7	518.1	598.1	630.6
62.0	374.7	419.8	510.9	592.0	624.9
62.5	366.0	412.2	503.7	585.7	619.6
63.0	357.2	404.2	496.7	579.8	614.4
63.5	348.8	396.4	489.6	573.9	608.9
64.0	340.1	388.5	482.5	568.2	603.9
64.5	331.5	380.7	475.5	562.7	598.6
65.0	322.7	372.8	468.6	557.0	593.5
65.5	314.2	365.0	461.8	551.7	588.6
66.0	305.6	357.3	454.9	546.3	583.6
66.5	297.2	349.8	448.3	541.1	578.6
67.0	288.8	342.2	441.7	536.1	573.8
67.5	280.1	334.7	435.2	531.0	569.0
68.0	271.8	327.1	428.6	525.9	564.2
68.5	263.4	319.4	422.4	520.9	559.6
69.0	255.2	311.9	416.5	516.1	555.3
69.5	247.0	304.5	410.3	511.4	550.4
70.0	238.9	297.2	404.5	506.9	546.0
70.5	230.8	289.9	398.7	502.1	541.5
71.0	222.8	282.7	393.4	497.5	537.0
71.5	215.1	275.5	388.0	493.1	532.5
72.0	207.2	268.6	382.8	488.7	528.3
72.5	199.4	261.5	377.4	484.2	524.1
73.0	191.6	254.4	372.3	479.9	519.9
73.5	183.9	247.6	367.4	475.6	515.7
74.0	176.0	240.8	362.4	471.4	511.7
74.5	168.2	234.0	357.7	467.3	507.6
75.0	160.6	227.4	353.0	463.1	503.5
75.5	153.1	220.9	348.2	459.1	499.7
76.0	145.7	214.4	343.6	455.2	496.0
76.5	138.0	208.0	339.2	451.4	492.2
77.0	130.8	202.0	334.7	447.4	488.4
77.5	123.6	196.0	330.5	443.8	484.8
78.0	116.5	190.2	326.2	440.1	480.9
78.5	109.5	184.5	322.0	436.3	477.4
79.0	102.8	179.0	318.1	432.6	473.7
79.5	96.0	173.7	314.2	428.8	470.1
80.0	89.3	168.6	310.4	425.4	466.4
80.5	82.8	163.5	306.5	421.8	463.0
81.0	76.5	158.9	302.8	418.1	459.7
81.5	70.4	154.1	299.5	414.9	456.3
82.0	64.4	149.9	295.8	411.5	453.0
82.5	58.6	145.5	292.3	408.1	449.5

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CANDELA TABULATION - (Cont.)

83.0	52.9	141.4	289.0	405.0	446.7
83.5	47.5	137.6	285.7	401.7	443.6
84.0	42.3	133.9	282.7	398.9	440.8
84.5	37.3	130.5	279.8	396.1	438.3
85.0	32.7	127.4	276.9	393.5	435.6
85.5	28.3	124.4	274.3	391.2	433.4
86.0	24.2	121.7	271.8	389.0	431.1
86.5	20.5	119.1	269.7	387.0	429.1
87.0	17.2	116.9	267.8	385.2	427.7
87.5	14.3	114.9	266.0	383.9	426.4
88.0	11.9	113.3	264.8	383.0	425.0
88.5	10.1	112.1	264.0	382.0	424.4
89.0	8.7	111.3	263.4	381.5	423.9
89.5	7.8	110.9	263.0	381.3	423.9
90.0	7.3	110.9	263.3	381.7	424.4
90.5	4.2	111.1	262.9	380.8	423.8
91.0	4.9	112.1	263.8	381.7	424.8
91.5	5.9	113.4	265.0	383.2	426.0
92.0	7.1	115.0	266.4	384.5	427.5
92.5	8.8	116.9	268.2	386.3	429.2
93.0	10.8	119.2	270.1	388.3	431.3
93.5	13.2	121.5	272.4	390.4	433.4
94.0	16.1	124.1	274.8	392.8	435.6
94.5	19.7	127.2	277.5	395.2	438.0
95.0	23.6	130.3	280.3	398.0	440.7
95.5	27.9	133.5	283.2	400.8	443.4
96.0	32.4	137.0	286.1	403.7	446.4
96.5	37.3	140.6	289.4	406.8	449.5
97.0	42.5	144.5	292.7	410.0	452.7
97.5	47.8	148.6	296.1	413.1	455.9
98.0	53.4	152.9	299.6	416.4	459.1
98.5	59.1	157.5	303.1	420.0	462.5
99.0	65.1	162.4	306.8	423.4	466.0
99.5	71.1	167.4	310.6	426.8	469.4
100.0	77.4	172.6	314.2	430.4	472.9
100.5	83.7	177.8	318.1	434.2	476.5
101.0	90.3	183.2	322.0	437.7	480.1
101.5	97.0	188.7	326.3	441.5	484.1
102.0	103.9	194.3	330.6	445.2	487.8
102.5	110.8	200.0	334.8	449.0	491.4
103.0	117.6	205.9	339.2	452.8	495.2
103.5	124.6	212.0	343.6	456.6	499.0
104.0	131.7	218.0	348.2	460.5	502.9
104.5	139.0	224.2	352.9	464.7	506.9
105.0	146.4	230.1	357.7	468.7	511.0
105.5	153.9	236.2	362.4	472.8	514.9
106.0	161.3	242.3	367.3	476.9	519.1
106.5	168.7	248.3	372.3	481.3	523.0
107.0	176.3	254.6	377.4	485.5	527.1
107.5	184.0	260.8	382.7	489.7	531.3
108.0	191.7	267.0	388.2	494.0	535.5
108.5	199.5	273.4	393.7	498.5	539.8
109.0	207.1	279.7	399.2	503.0	543.8
109.5	215.0	286.0	404.9	507.5	548.3
110.0	222.9	292.7	410.7	512.5	552.8
110.5	230.8	299.3	416.5	517.0	557.1

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CANDELA TABULATION - (Cont.)

111.0	238.7	305.8	422.4	521.9	561.9
111.5	246.9	312.5	428.4	526.8	566.4
112.0	255.0	319.3	434.6	531.8	571.0
112.5	263.2	326.4	440.8	537.0	575.5
113.0	271.3	333.4	447.3	542.2	580.8
113.5	279.6	340.3	453.8	547.6	585.6
114.0	287.6	347.4	460.2	553.0	590.2
114.5	296.2	354.5	466.8	558.5	595.4
115.0	304.4	361.9	473.6	563.8	600.9
115.5	312.9	369.3	480.4	569.4	606.3
116.0	321.3	376.6	487.0	575.2	611.7
116.5	329.6	384.2	493.5	581.0	617.1
117.0	338.1	391.7	500.2	586.9	622.4
117.5	346.3	399.3	507.1	592.9	628.2
118.0	354.6	406.9	513.6	599.1	633.5
118.5	363.0	414.6	520.2	605.1	639.5
119.0	371.2	422.5	526.9	611.4	645.3
119.5	379.6	429.9	533.4	617.8	650.7
120.0	388.0	437.7	539.8	624.3	656.9
120.5	396.0	445.6	546.5	630.7	663.1
121.0	404.2	453.2	552.8	636.8	668.9
121.5	412.7	461.1	559.6	643.4	675.2
122.0	420.8	468.9	566.1	649.8	681.3
122.5	428.9	476.7	572.7	656.0	687.9
123.0	437.0	484.6	579.3	662.3	693.8
123.5	445.6	492.4	585.9	668.8	700.1
124.0	453.6	500.3	592.5	674.7	706.4
124.5	461.9	508.1	599.1	680.9	712.4
125.0	470.2	515.9	605.6	687.1	718.3
125.5	478.7	523.6	612.3	693.3	724.4
126.0	486.9	531.3	618.9	699.4	730.3
126.5	494.9	539.1	625.5	705.6	735.9
127.0	503.0	546.9	631.8	711.7	741.4
127.5	511.8	554.9	638.6	717.5	746.8
128.0	519.8	562.6	645.1	723.1	752.8
128.5	527.7	570.5	651.7	728.9	758.5
129.0	536.2	578.0	658.3	735.3	764.1
129.5	544.6	585.7	665.0	740.8	769.9
130.0	552.6	593.6	671.5	746.8	775.4
130.5	560.8	601.4	678.2	752.7	781.8
131.0	569.3	609.1	684.8	758.0	787.0
131.5	577.6	616.9	691.4	763.9	792.0
132.0	586.1	624.8	698.3	770.0	798.1
132.5	594.2	632.7	705.1	776.0	803.5
133.0	602.6	640.6	711.8	781.9	809.3
133.5	610.6	648.4	718.6	787.2	813.7
134.0	619.0	656.3	725.5	792.9	819.4
134.5	627.2	663.9	732.6	798.9	825.4
135.0	635.7	671.9	739.4	804.4	830.1
135.5	643.9	679.8	746.6	810.9	836.7
136.0	652.3	687.5	753.8	816.8	842.3
136.5	660.5	695.0	760.6	822.7	847.7
137.0	668.9	702.8	767.0	828.1	852.8
137.5	677.1	710.5	773.6	833.7	857.7
138.0	685.5	718.1	781.5	839.8	863.5
138.5	693.8	726.1	787.8	845.9	869.0

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CANDELA TABULATION - (Cont.)

139.0	702.2	733.7	794.8	851.4	874.6
139.5	710.5	741.6	801.2	857.2	879.3
140.0	718.6	749.2	807.8	862.7	884.9
140.5	726.8	756.2	814.9	868.6	890.4
141.0	735.3	764.0	822.4	874.0	895.4
141.5	743.2	771.7	828.5	879.7	900.1
142.0	751.1	779.3	836.2	885.4	905.5
142.5	759.6	786.1	842.3	891.1	910.5
143.0	767.2	793.4	848.4	896.6	915.9
143.5	776.1	801.3	855.6	902.3	921.0
144.0	783.9	808.5	861.6	907.5	926.0
144.5	791.1	816.0	868.0	913.2	930.7
145.0	798.5	823.5	874.2	918.8	935.9
145.5	807.5	830.8	880.3	924.4	941.0
146.0	815.4	837.5	886.9	929.7	946.4
146.5	823.4	844.3	893.2	935.3	951.3
147.0	830.0	851.7	899.1	940.4	955.9
147.5	838.8	858.8	905.1	946.1	961.2
148.0	846.4	865.4	911.0	951.0	965.8
148.5	853.5	872.0	917.0	955.9	970.7
149.0	860.8	878.9	922.9	960.4	975.1
149.5	867.4	885.7	928.8	966.0	980.2
150.0	875.1	892.4	934.5	970.7	984.8
150.5	882.1	899.4	940.3	975.3	989.6
151.0	888.9	906.0	945.9	980.3	993.7
151.5	895.6	912.3	951.7	984.9	997.8
152.0	902.5	919.0	957.1	989.6	1002.0
152.5	909.3	925.5	962.8	994.2	1006.0
153.0	916.3	932.0	968.2	998.9	1011.0
153.5	923.0	938.2	973.6	1003.0	1015.0
154.0	929.8	944.6	978.9	1008.0	1018.0
154.5	936.5	950.7	983.8	1012.0	1023.0
155.0	942.8	956.7	988.5	1017.0	1027.0
155.5	949.6	962.9	993.4	1021.0	1031.0
156.0	955.3	968.9	997.9	1025.0	1035.0
156.5	961.4	975.1	1003.0	1029.0	1038.0
157.0	968.1	980.9	1007.0	1033.0	1042.0
157.5	974.6	986.8	1011.0	1036.0	1045.0
158.0	980.2	992.4	1015.0	1040.0	1049.0
158.5	986.0	998.1	1019.0	1044.0	1052.0
159.0	991.8	1004.0	1023.0	1048.0	1056.0
159.5	997.7	1009.0	1028.0	1051.0	1059.0
160.0	1004.0	1015.0	1031.0	1054.0	1062.0
160.5	1010.0	1020.0	1035.0	1058.0	1065.0
161.0	1015.0	1025.0	1039.0	1061.0	1068.0
161.5	1020.0	1030.0	1043.0	1063.0	1071.0
162.0	1025.0	1034.0	1046.0	1066.0	1073.0
162.5	1030.0	1039.0	1050.0	1069.0	1076.0
163.0	1035.0	1043.0	1054.0	1071.0	1078.0
163.5	1040.0	1048.0	1058.0	1074.0	1080.0
164.0	1044.0	1052.0	1062.0	1076.0	1083.0
164.5	1048.0	1056.0	1065.0	1079.0	1085.0
165.0	1052.0	1061.0	1068.0	1081.0	1086.0
165.5	1057.0	1065.0	1072.0	1084.0	1089.0
166.0	1061.0	1069.0	1075.0	1086.0	1091.0
166.5	1064.0	1072.0	1078.0	1088.0	1093.0

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

167.0	1068.0	1076.0	1081.0	1091.0	1095.0
167.5	1072.0	1080.0	1084.0	1093.0	1097.0
168.0	1075.0	1083.0	1087.0	1096.0	1099.0
168.5	1079.0	1087.0	1091.0	1098.0	1102.0
169.0	1082.0	1090.0	1093.0	1100.0	1104.0
169.5	1085.0	1093.0	1096.0	1102.0	1106.0
170.0	1089.0	1096.0	1099.0	1105.0	1108.0
170.5	1092.0	1099.0	1101.0	1106.0	1109.0
171.0	1095.0	1102.0	1104.0	1108.0	1111.0
171.5	1097.0	1104.0	1106.0	1110.0	1113.0
172.0	1100.0	1107.0	1109.0	1112.0	1115.0
172.5	1103.0	1109.0	1111.0	1114.0	1116.0
173.0	1105.0	1111.0	1113.0	1116.0	1119.0
173.5	1108.0	1114.0	1115.0	1118.0	1120.0
174.0	1109.0	1115.0	1117.0	1119.0	1122.0
174.5	1111.0	1117.0	1118.0	1121.0	1123.0
175.0	1113.0	1119.0	1120.0	1122.0	1125.0
175.5	1115.0	1120.0	1121.0	1123.0	1126.0
176.0	1116.0	1122.0	1122.0	1125.0	1127.0
176.5	1117.0	1123.0	1123.0	1125.0	1128.0
177.0	1118.0	1124.0	1124.0	1127.0	1128.0
177.5	1119.0	1125.0	1125.0	1127.0	1129.0
178.0	1120.0	1126.0	1126.0	1128.0	1130.0
178.5	1120.0	1126.0	1126.0	1128.0	1129.0
179.0	1120.0	1126.0	1126.0	1128.0	1130.0
179.5	1121.0	1127.0	1126.0	1128.0	1130.0
180.0	1127.0	1127.0	1127.0	1127.0	1127.0

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	415.54	N.A.	5.70
0-30	878.58	N.A.	12.00
0-40	1434.13	N.A.	19.70
0-60	2556.59	N.A.	35.00
0-80	3382.22	N.A.	46.40
0-90	3667.64	N.A.	50.30
10-90	3559.58	N.A.	48.80
20-40	1018.59	N.A.	14.00
20-50	1598.4	N.A.	21.90
40-70	1583.3	N.A.	21.70
60-80	825.64	N.A.	11.30
70-80	364.79	N.A.	5.00
80-90	285.42	N.A.	3.90
90-110	654.26	N.A.	9.00
90-120	1113.95	N.A.	15.30
90-130	1651.39	N.A.	22.60
90-150	2765.91	N.A.	37.90
90-180	3628.68	N.A.	49.70
110-180	2974.42	N.A.	40.80
0-180	7296.33	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	108.07
10-20	307.48
20-30	463.03
30-40	555.56
40-50	579.81
50-60	542.64
60-70	460.85
70-80	364.79
80-90	285.42
90-100	287.30
100-110	366.97
110-120	459.69
120-130	537.44
130-140	569.48
140-150	545.04
150-160	454.58
160-170	301.96
170-180	106.23

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 7K 360P-2-UD-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	107	107	107	107	99	99	99	99	83	83	83	69	69	69	56	56	56	50
1	96	91	87	83	89	84	80	77	71	68	65	59	57	55	47	46	45	39
2	87	79	72	67	80	73	67	62	61	57	53	51	47	45	41	39	36	32
3	79	69	61	55	73	64	57	51	54	48	44	44	41	37	36	33	31	26
4	72	61	52	46	66	56	49	43	48	42	37	39	35	32	32	29	26	22
5	66	54	46	39	61	50	42	37	42	36	32	35	31	27	29	25	22	19
6	61	48	40	34	56	45	37	32	38	32	28	32	27	24	26	22	20	17
7	56	44	35	30	52	40	33	28	34	29	24	29	24	21	24	20	17	15
8	52	40	32	26	48	37	30	25	31	26	21	26	22	18	22	18	16	13
9	49	36	28	23	45	34	27	22	29	23	19	24	20	17	20	17	14	12
10	45	33	26	21	42	31	24	20	26	21	17	22	18	15	19	15	13	11

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

UGR TABLE - CORRECTED

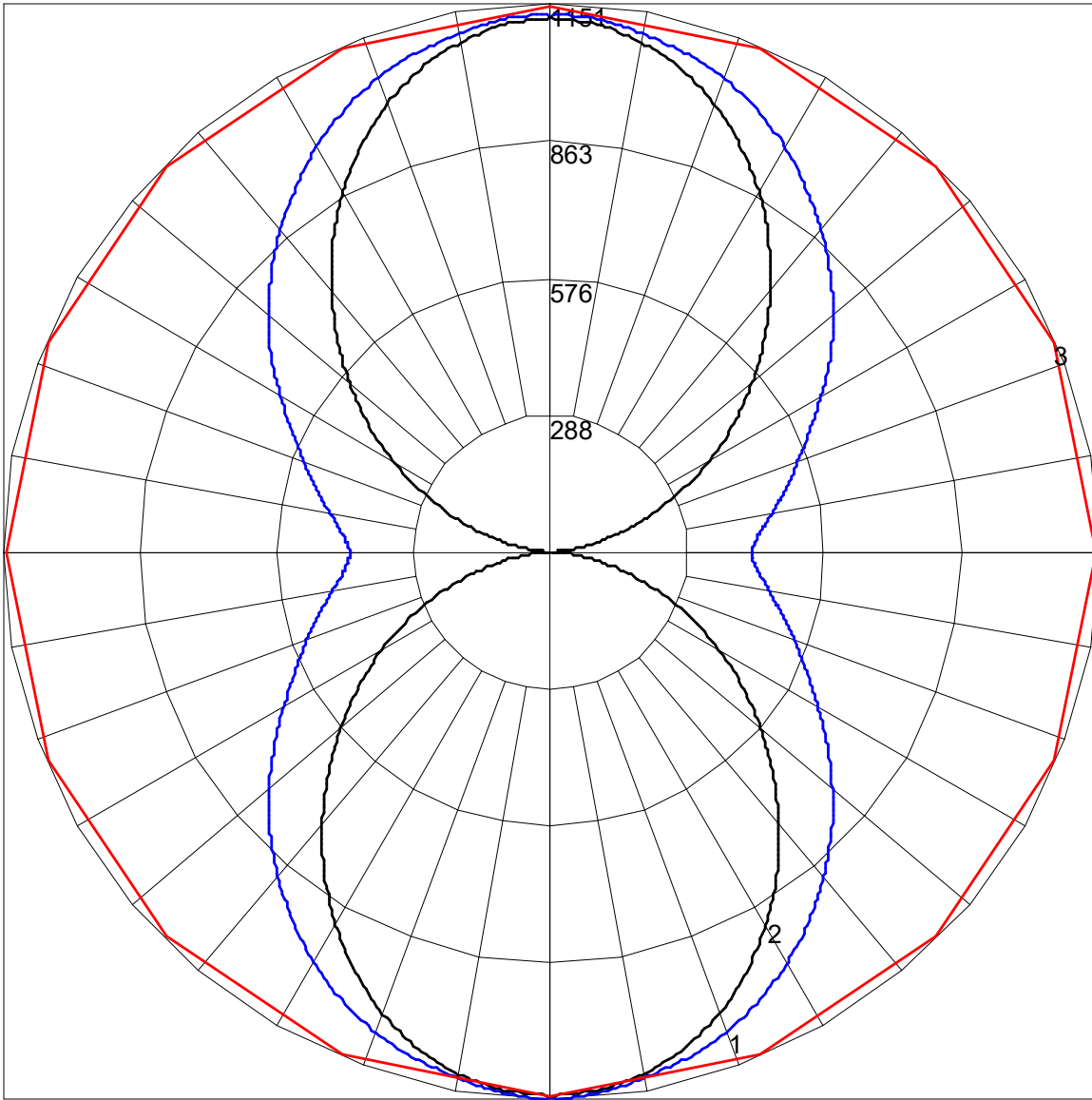
Reflectances

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	13.3	14.2	14.2	15.1	16.4	16.7	17.6	17.6	18.6	19.8
	3H	14.5	15.3	15.5	16.3	17.6	19.2	20.0	20.2	21.0	22.3
	4H	14.9	15.7	15.9	16.6	17.9	20.5	21.3	21.5	22.3	23.6
	6H	15.1	15.8	16.1	16.8	18.1	21.9	22.6	22.8	23.6	24.9
	8H	15.1	15.8	16.1	16.8	18.1	22.6	23.2	23.5	24.2	25.6
	12H	15.1	15.7	16.1	16.7	18.1	23.3	23.9	24.3	24.9	26.3
4H	2H	14.2	15.0	15.2	16.0	17.3	16.9	17.7	17.9	18.7	20.0
	3H	15.7	16.4	16.7	17.4	18.7	19.7	20.3	20.7	21.3	22.6
	4H	16.2	16.8	17.2	17.8	19.1	21.1	21.7	22.1	22.7	24.1
	6H	16.5	17.0	17.5	18.0	19.4	22.7	23.2	23.7	24.2	25.6
	8H	16.5	17.0	17.5	18.0	19.4	23.5	24.0	24.5	25.0	26.4
	12H	16.5	17.0	17.6	18.0	19.4	24.3	24.8	25.4	25.8	27.2
8H	4H	17.0	17.5	18.0	18.5	19.9	21.2	21.7	22.2	22.7	24.1
	6H	17.5	17.9	18.5	19.0	20.3	22.9	23.4	24.0	24.4	25.8
	8H	17.7	18.0	18.7	19.1	20.4	23.9	24.3	25.0	25.3	26.7
	12H	17.7	18.1	18.8	19.1	20.5	24.9	25.3	26.0	26.3	27.7
12H	4H	17.3	17.7	18.3	18.7	20.1	21.2	21.6	22.2	22.7	24.0
	6H	17.9	18.3	18.9	19.3	20.7	23.0	23.3	24.0	24.4	25.8
	8H	18.1	18.5	19.2	19.5	20.9	24.0	24.3	25.0	25.3	26.7

Maximum UGR = 27.7

POLAR GRAPH



Maximum Candela = 1151 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)