

Luminaire Property

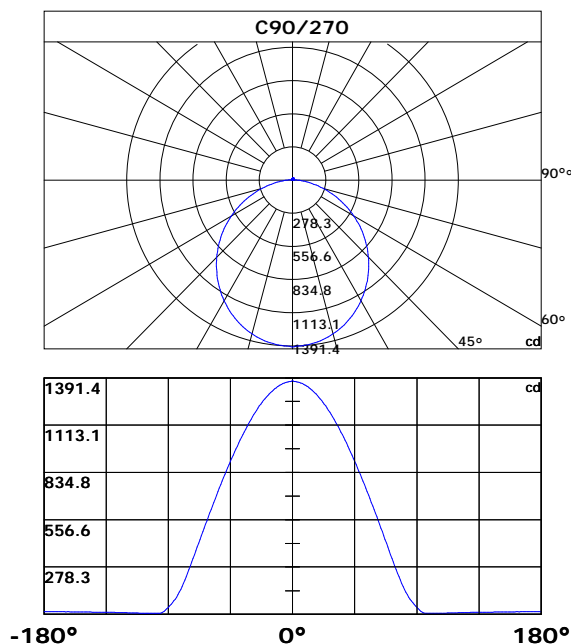
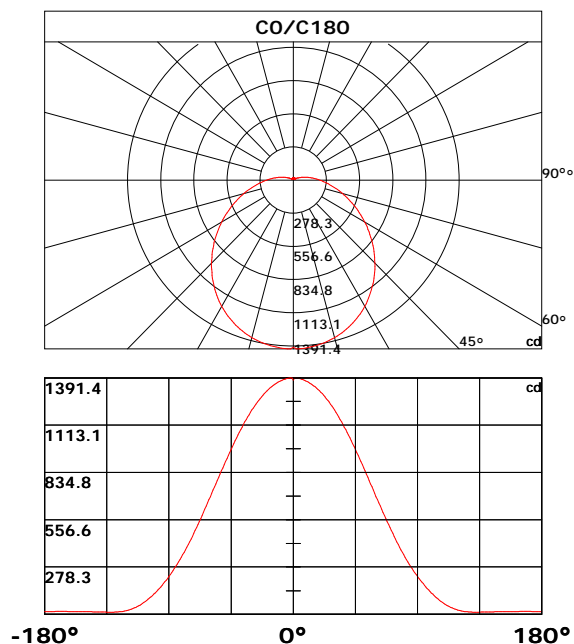
Luminaire Description: F2152-50W-6000K
 Luminaire Categorie:
 Lamp Categorie:
 Lamp Description:
 Number of Lamp:
 Lamp Lumens(lm): 4467.12
 Luminous Length(m): 0.0
 Luminous Width(m): 0.0
 Luminous Height(m): 0.0

Voltage: 219.5 V
 Current: 0.227 A
 Power: 47.1 W
 Power Factor: 0.942
 Test Lab: HuiPu-lab
 Photometric Type: Type C
 Manufactory:

Photometric Results

CIE Class: Direct
 Luminaire Lumens: 4467.12 lm
 Efficiency: 94.8433 lm/W
 Central Intensity: 1377.167cd
 Max. Intensity: 1391.418cd
 Field Angle(10%Imax): NA

Max.Intensity Angle: C:0.0 G:1.0
 Beam Angle(50%Imax): 118.37, 114.79
 Luminaire Efficacy Rating(LER) : 100.00%
 Upward Ratio: NA
 Downward Ratio: NA
 Beamwidth(50%Imax): H=118.37V=114.79



Light intensity data Unit[cd]

C\G	G0.0	G1.0	G2.0	G3.0	G4.0	G5.0	G6.0	G7.0	G8.0	G9.0
C0.0	1377.2	1391.4	1391.0	1390.1	1388.6	1386.5	1383.9	1381.2	1378.5	1374.3
C30.0	1377.2	1368.8	1368.4	1367.2	1365.8	1363.8	1361.4	1358.6	1355.6	1351.9
C60.0	1377.2	1371.9	1371.0	1369.8	1367.9	1366.4	1363.2	1360.0	1356.1	1352.2
C90.0	1377.2	1370.3	1369.4	1367.7	1366.3	1364.0	1361.0	1357.7	1353.4	1349.0
C120.0	1377.2	1380.2	1378.9	1378.2	1376.6	1373.9	1371.1	1368.3	1364.2	1359.9
C150.0	1377.2	1371.8	1371.2	1370.1	1368.6	1366.3	1364.2	1361.3	1358.0	1354.4
C180.0	1377.2	1391.4	1391.0	1390.1	1388.6	1386.5	1383.9	1381.2	1378.5	1374.3
C210.0	1377.2	1368.8	1368.4	1367.2	1365.8	1363.8	1361.4	1358.6	1355.6	1351.9
C240.0	1377.2	1371.9	1371.0	1369.8	1367.9	1366.4	1363.2	1360.0	1356.1	1352.2
C270.0	1377.2	1370.3	1369.4	1367.7	1366.3	1364.0	1361.0	1357.7	1353.4	1349.0
C300.0	1377.2	1380.2	1378.9	1378.2	1376.6	1373.9	1371.1	1368.3	1364.2	1359.9
C330.0	1377.2	1371.8	1371.2	1370.1	1368.6	1366.3	1364.2	1361.3	1358.0	1354.4
C360.0	1377.2	1391.4	1391.0	1390.1	1388.6	1386.5	1383.9	1381.2	1378.5	1374.3
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	1370.4	1366.2	1361.1	1355.7	1349.6	1343.7	1337.2	1330.5	1322.9	1314.5
C30.0	1347.4	1342.9	1337.7	1332.3	1326.3	1320.1	1312.9	1305.8	1298.1	1290.2
C60.0	1347.6	1341.6	1336.2	1330.4	1323.8	1316.6	1308.7	1300.9	1292.6	1283.5
C90.0	1344.3	1338.9	1332.5	1326.3	1319.6	1312.6	1304.7	1296.4	1287.6	1278.7
C120.0	1355.8	1350.3	1344.7	1338.7	1332.3	1325.5	1317.5	1309.2	1301.3	1292.4
C150.0	1350.1	1345.6	1340.4	1335.0	1329.5	1322.8	1316.4	1309.1	1301.4	1293.5
C180.0	1370.4	1366.2	1361.1	1355.7	1349.6	1343.7	1337.2	1330.5	1322.9	1314.5
C210.0	1347.4	1342.9	1337.7	1332.3	1326.3	1320.1	1312.9	1305.8	1298.1	1290.2
C240.0	1347.6	1341.6	1336.2	1330.4	1323.8	1316.6	1308.7	1300.9	1292.6	1283.5
C270.0	1344.3	1338.9	1332.5	1326.3	1319.6	1312.6	1304.7	1296.4	1287.6	1278.7
C300.0	1355.8	1350.3	1344.7	1338.7	1332.3	1325.5	1317.5	1309.2	1301.3	1292.4
C330.0	1350.1	1345.6	1340.4	1335.0	1329.5	1322.8	1316.4	1309.1	1301.4	1293.5
C360.0	1370.4	1366.2	1361.1	1355.7	1349.6	1343.7	1337.2	1330.5	1322.9	1314.5
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	1306.1	1297.8	1288.7	1279.3	1269.2	1259.1	1248.5	1237.1	1225.4	1213.6
C30.0	1281.0	1271.5	1262.3	1252.3	1242.6	1231.6	1220.0	1208.9	1197.2	1185.3
C60.0	1274.7	1264.0	1253.8	1243.5	1233.0	1221.5	1209.1	1196.9	1184.6	1172.1
C90.0	1269.1	1258.3	1247.9	1237.0	1226.2	1213.9	1200.9	1188.6	1175.5	1162.6
C120.0	1282.9	1273.0	1263.1	1252.5	1242.0	1230.5	1218.3	1206.3	1193.9	1180.4
C150.0	1285.1	1276.5	1266.4	1257.1	1247.5	1236.6	1225.0	1213.9	1202.2	1190.2
C180.0	1306.1	1297.8	1288.7	1279.3	1269.2	1259.1	1248.5	1237.1	1225.4	1213.6
C210.0	1281.0	1271.5	1262.3	1252.3	1242.6	1231.6	1220.0	1208.9	1197.2	1185.3
C240.0	1274.7	1264.0	1253.8	1243.5	1233.0	1221.5	1209.1	1196.9	1184.6	1172.1
C270.0	1269.1	1258.3	1247.9	1237.0	1226.2	1213.9	1200.9	1188.6	1175.5	1162.6
C300.0	1282.9	1273.0	1263.1	1252.5	1242.0	1230.5	1218.3	1206.3	1193.9	1180.4
C330.0	1285.1	1276.5	1266.4	1257.1	1247.5	1236.6	1225.0	1213.9	1202.2	1190.2
C360.0	1306.1	1297.8	1288.7	1279.3	1269.2	1259.1	1248.5	1237.1	1225.4	1213.6

Light intensity data Unit[cd]

C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	1201.5	1188.7	1174.9	1160.4	1146.7	1132.9	1117.2	1101.5	1086.9	1071.1
C30.0	1171.6	1158.8	1145.9	1132.2	1117.6	1102.9	1088.4	1073.6	1057.8	1040.9
C60.0	1157.2	1143.4	1129.6	1114.9	1099.9	1084.0	1067.9	1052.0	1036.1	1018.4
C90.0	1148.4	1133.4	1119.7	1104.1	1088.7	1072.4	1057.1	1041.2	1024.9	1007.8
C120.0	1166.8	1152.5	1138.9	1124.2	1108.5	1093.2	1077.2	1061.9	1044.9	1028.5
C150.0	1177.8	1164.0	1151.2	1137.3	1123.1	1108.4	1093.8	1079.5	1063.7	1048.0
C180.0	1201.5	1188.7	1174.9	1160.4	1146.7	1132.9	1117.2	1101.5	1086.9	1071.1
C210.0	1171.6	1158.8	1145.9	1132.2	1117.6	1102.9	1088.4	1073.6	1057.8	1040.9
C240.0	1157.2	1143.4	1129.6	1114.9	1099.9	1084.0	1067.9	1052.0	1036.1	1018.4
C270.0	1148.4	1133.4	1119.7	1104.1	1088.7	1072.4	1057.1	1041.2	1024.9	1007.8
C300.0	1166.8	1152.5	1138.9	1124.2	1108.5	1093.2	1077.2	1061.9	1044.9	1028.5
C330.0	1177.8	1164.0	1151.2	1137.3	1123.1	1108.4	1093.8	1079.5	1063.7	1048.0
C360.0	1201.5	1188.7	1174.9	1160.4	1146.7	1132.9	1117.2	1101.5	1086.9	1071.1
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	1055.7	1037.7	1021.4	1004.2	987.6	970.8	951.4	934.4	916.6	898.7
C30.0	1024.7	1008.2	992.1	974.1	956.1	938.5	921.0	903.1	884.1	865.1
C60.0	1001.8	984.2	967.2	949.1	930.3	912.3	893.6	875.5	856.2	836.4
C90.0	989.9	972.8	955.8	937.0	918.2	900.1	881.5	862.0	843.0	823.1
C120.0	1011.0	994.0	977.1	958.3	939.8	921.9	903.5	885.3	865.9	846.1
C150.0	1031.4	1015.6	999.5	982.2	964.2	947.4	930.1	911.7	894.2	875.7
C180.0	1055.7	1037.7	1021.4	1004.2	987.6	970.8	951.4	934.4	916.6	898.7
C210.0	1024.7	1008.2	992.1	974.1	956.1	938.5	921.0	903.1	884.1	865.1
C240.0	1001.8	984.2	967.2	949.1	930.3	912.3	893.6	875.5	856.2	836.4
C270.0	989.9	972.8	955.8	937.0	918.2	900.1	881.5	862.0	843.0	823.1
C300.0	1011.0	994.0	977.1	958.3	939.8	921.9	903.5	885.3	865.9	846.1
C330.0	1031.4	1015.6	999.5	982.2	964.2	947.4	930.1	911.7	894.2	875.7
C360.0	1055.7	1037.7	1021.4	1004.2	987.6	970.8	951.4	934.4	916.6	898.7
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	880.3	861.2	843.4	825.0	805.8	786.4	767.7	749.5	731.0	711.8
C30.0	846.4	827.8	808.0	788.2	769.0	750.3	731.5	711.2	691.6	672.8
C60.0	817.2	797.7	778.7	756.7	736.8	716.4	695.8	673.1	652.5	631.6
C90.0	803.6	784.0	763.5	742.6	721.9	701.9	681.5	658.6	637.7	616.7
C120.0	827.2	807.6	787.4	767.3	746.5	726.4	704.8	684.0	662.8	642.2
C150.0	857.8	839.7	820.3	802.3	782.8	764.5	745.1	726.4	707.4	689.0
C180.0	880.3	861.2	843.4	825.0	805.8	786.4	767.7	749.5	731.0	711.8
C210.0	846.4	827.8	808.0	788.2	769.0	750.3	731.5	711.2	691.6	672.8
C240.0	817.2	797.7	778.7	756.7	736.8	716.4	695.8	673.1	652.5	631.6
C270.0	803.6	784.0	763.5	742.6	721.9	701.9	681.5	658.6	637.7	616.7
C300.0	827.2	807.6	787.4	767.3	746.5	726.4	704.8	684.0	662.8	642.2
C330.0	857.8	839.7	820.3	802.3	782.8	764.5	745.1	726.4	707.4	689.0
C360.0	880.3	861.2	843.4	825.0	805.8	786.4	767.7	749.5	731.0	711.8

Light intensity data Unit[cd]

C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	692.4	674.1	655.6	637.5	617.5	599.7	581.9	563.9	545.7	527.1
C30.0	653.4	633.9	614.2	595.3	576.5	558.0	538.8	519.3	501.3	483.3
C60.0	610.5	589.8	566.1	545.2	523.8	503.0	480.0	458.9	438.1	417.3
C90.0	595.6	573.6	550.8	529.7	507.5	486.1	462.1	440.0	418.2	395.9
C120.0	621.3	599.8	577.6	557.3	536.4	514.9	494.6	473.0	452.7	432.7
C150.0	670.7	651.5	633.1	614.1	595.8	576.8	559.0	540.4	522.5	505.0
C180.0	692.4	674.1	655.6	637.5	617.5	599.7	581.9	563.9	545.7	527.1
C210.0	653.4	633.9	614.2	595.3	576.5	558.0	538.8	519.3	501.3	483.3
C240.0	610.5	589.8	566.1	545.2	523.8	503.0	480.0	458.9	438.1	417.3
C270.0	595.6	573.6	550.8	529.7	507.5	486.1	462.1	440.0	418.2	395.9
C300.0	621.3	599.8	577.6	557.3	536.4	514.9	494.6	473.0	452.7	432.7
C330.0	670.7	651.5	633.1	614.1	595.8	576.8	559.0	540.4	522.5	505.0
C360.0	692.4	674.1	655.6	637.5	617.5	599.7	581.9	563.9	545.7	527.1
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	510.1	493.4	476.7	458.8	442.5	426.7	411.0	394.8	378.9	364.3
C30.0	464.7	446.2	428.6	411.9	395.1	378.4	361.5	345.9	330.2	314.9
C60.0	396.0	375.0	355.0	335.5	316.3	295.3	276.7	258.7	240.8	223.8
C90.0	373.2	349.9	328.0	306.8	285.1	262.5	241.7	221.3	201.5	181.4
C120.0	412.1	391.8	372.5	353.8	334.4	316.0	297.1	279.9	262.5	245.4
C150.0	486.8	469.5	452.0	435.4	419.2	402.1	385.7	370.5	355.4	340.4
C180.0	510.1	493.4	476.7	458.8	442.5	426.7	411.0	394.8	378.9	364.3
C210.0	464.7	446.2	428.6	411.9	395.1	378.4	361.5	345.9	330.2	314.9
C240.0	396.0	375.0	355.0	335.5	316.3	295.3	276.7	258.7	240.8	223.8
C270.0	373.2	349.9	328.0	306.8	285.1	262.5	241.7	221.3	201.5	181.4
C300.0	412.1	391.8	372.5	353.8	334.4	316.0	297.1	279.9	262.5	245.4
C330.0	486.8	469.5	452.0	435.4	419.2	402.1	385.7	370.5	355.4	340.4
C360.0	510.1	493.4	476.7	458.8	442.5	426.7	411.0	394.8	378.9	364.3
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	349.8	335.6	321.9	307.8	295.1	282.5	269.4	257.1	245.1	233.7
C30.0	299.6	285.5	271.6	258.4	244.8	231.8	219.6	208.4	196.1	184.9
C60.0	205.4	189.2	174.4	159.5	144.5	131.6	119.1	108.2	96.9	86.6
C90.0	162.9	145.7	130.0	115.6	100.9	89.6	79.1	69.1	58.2	48.9
C120.0	229.1	212.1	197.8	182.7	169.5	156.2	143.9	133.0	121.6	110.7
C150.0	326.0	311.9	298.4	285.4	271.8	259.2	247.1	235.3	223.1	211.5
C180.0	349.8	335.6	321.9	307.8	295.1	282.5	269.4	257.1	245.1	233.7
C210.0	299.6	285.5	271.6	258.4	244.8	231.8	219.6	208.4	196.1	184.9
C240.0	205.4	189.2	174.4	159.5	144.5	131.6	119.1	108.2	96.9	86.6
C270.0	162.9	145.7	130.0	115.6	100.9	89.6	79.1	69.1	58.2	48.9
C300.0	229.1	212.1	197.8	182.7	169.5	156.2	143.9	133.0	121.6	110.7
C330.0	326.0	311.9	298.4	285.4	271.8	259.2	247.1	235.3	223.1	211.5
C360.0	349.8	335.6	321.9	307.8	295.1	282.5	269.4	257.1	245.1	233.7

Light intensity data Unit[cd]

C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	223.0	210.6	200.6	190.3	180.4	170.6	160.5	151.5	143.3	134.3
C30.0	174.4	164.3	153.3	139.0	127.1	119.9	114.7	106.9	99.0	92.2
C60.0	78.0	69.3	61.9	54.3	47.8	42.1	36.2	29.4	26.4	22.7
C90.0	40.3	32.5	25.0	18.0	12.8	8.7	6.5	5.3	5.4	5.4
C120.0	101.6	92.5	84.0	76.3	68.2	61.6	55.1	49.1	44.0	39.1
C150.0	200.9	190.6	180.3	169.9	159.8	150.8	142.1	133.1	124.5	116.5
C180.0	223.0	210.6	200.6	190.3	180.4	170.6	160.5	151.5	143.3	134.3
C210.0	174.4	164.3	153.3	139.0	127.1	119.9	114.7	106.9	99.0	92.2
C240.0	78.0	69.3	61.9	54.3	47.8	42.1	36.2	29.4	26.4	22.7
C270.0	40.3	32.5	25.0	18.0	12.8	8.7	6.5	5.3	5.4	5.4
C300.0	101.6	92.5	84.0	76.3	68.2	61.6	55.1	49.1	44.0	39.1
C330.0	200.9	190.6	180.3	169.9	159.8	150.8	142.1	133.1	124.5	116.5
C360.0	223.0	210.6	200.6	190.3	180.4	170.6	160.5	151.5	143.3	134.3
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	125.9	118.1	110.6	103.2	95.9	88.7	82.3	76.2	70.5	64.5
C30.0	85.3	78.7	71.8	65.5	59.7	54.3	49.0	44.3	40.3	36.3
C60.0	19.5	16.6	13.9	11.9	10.9	9.8	8.7	8.1	7.7	7.3
C90.0	5.6	5.6	5.8	6.0	6.1	6.3	6.3	6.6	6.8	6.8
C120.0	34.9	30.9	27.6	24.4	21.6	19.3	17.2	15.2	13.6	12.3
C150.0	108.9	101.8	94.6	88.3	82.4	76.8	71.1	65.9	60.9	56.0
C180.0	125.9	118.1	110.6	103.2	95.9	88.7	82.3	76.2	70.5	64.5
C210.0	85.3	78.7	71.8	65.5	59.7	54.3	49.0	44.3	40.3	36.3
C240.0	19.5	16.6	13.9	11.9	10.9	9.8	8.7	8.1	7.7	7.3
C270.0	5.6	5.6	5.8	6.0	6.1	6.3	6.3	6.6	6.8	6.8
C300.0	34.9	30.9	27.6	24.4	21.6	19.3	17.2	15.2	13.6	12.3
C330.0	108.9	101.8	94.6	88.3	82.4	76.8	71.1	65.9	60.9	56.0
C360.0	125.9	118.1	110.6	103.2	95.9	88.7	82.3	76.2	70.5	64.5
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	59.3	54.4	49.9	45.2	41.0	37.5	34.0	31.0	27.9	25.4
C30.0	32.6	28.9	25.7	23.5	21.0	19.1	17.4	15.9	14.4	13.5
C60.0	7.3	7.3	7.5	7.7	7.8	8.0	8.3	8.5	8.6	9.0
C90.0	7.1	7.2	7.4	7.7	7.7	8.1	8.3	8.4	8.6	8.9
C120.0	11.2	10.6	10.0	9.8	9.5	9.4	9.4	9.5	9.6	9.7
C150.0	51.4	47.1	43.2	39.7	36.4	33.0	30.2	27.7	25.3	22.8
C180.0	59.3	54.4	49.9	45.2	41.0	37.5	34.0	31.0	27.9	25.4
C210.0	32.6	28.9	25.7	23.5	21.0	19.1	17.4	15.9	14.4	13.5
C240.0	7.3	7.3	7.5	7.7	7.8	8.0	8.3	8.5	8.6	9.0
C270.0	7.1	7.2	7.4	7.7	7.7	8.1	8.3	8.4	8.6	8.9
C300.0	11.2	10.6	10.0	9.8	9.5	9.4	9.4	9.5	9.6	9.7
C330.0	51.4	47.1	43.2	39.7	36.4	33.0	30.2	27.7	25.3	22.8
C360.0	59.3	54.4	49.9	45.2	41.0	37.5	34.0	31.0	27.9	25.4

Light intensity data Unit[cd]

C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	23.2	21.2	19.5	17.9	16.6	15.5	14.7	14.0	13.5	13.1
C30.0	12.5	12.0	11.4	11.1	10.9	10.7	10.8	10.6	10.8	11.0
C60.0	9.3	9.5	9.8	10.0	10.1	10.5	10.6	10.9	10.9	11.4
C90.0	9.0	9.1	9.3	9.5	9.6	9.9	10.1	10.2	10.4	10.6
C120.0	9.8	10.0	10.2	10.2	10.7	10.9	10.9	11.1	11.4	11.5
C150.0	21.0	19.4	18.0	16.7	15.9	15.0	14.3	13.9	13.4	13.2
C180.0	23.2	21.2	19.5	17.9	16.6	15.5	14.7	14.0	13.5	13.1
C210.0	12.5	12.0	11.4	11.1	10.9	10.7	10.8	10.6	10.8	11.0
C240.0	9.3	9.5	9.8	10.0	10.1	10.5	10.6	10.9	10.9	11.4
C270.0	9.0	9.1	9.3	9.5	9.6	9.9	10.1	10.2	10.4	10.6
C300.0	9.8	10.0	10.2	10.2	10.7	10.9	10.9	11.1	11.4	11.5
C330.0	21.0	19.4	18.0	16.7	15.9	15.0	14.3	13.9	13.4	13.2
C360.0	23.2	21.2	19.5	17.9	16.6	15.5	14.7	14.0	13.5	13.1
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	12.9	12.7	12.7	12.6	12.8	12.9	13.0	13.3	13.4	13.5
C30.0	11.1	11.3	11.4	11.7	11.8	12.0	12.1	12.4	12.5	12.7
C60.0	11.5	11.7	12.0	12.2	12.3	12.7	13.1	13.2	13.6	13.5
C90.0	10.7	10.8	11.0	11.3	11.4	11.6	11.6	11.7	11.8	12.1
C120.0	11.7	11.9	12.1	12.3	12.6	12.7	12.8	12.9	13.2	13.3
C150.0	13.0	12.8	12.6	12.9	13.1	12.9	13.2	13.2	13.5	13.6
C180.0	12.9	12.7	12.7	12.6	12.8	12.9	13.0	13.3	13.4	13.5
C210.0	11.1	11.3	11.4	11.7	11.8	12.0	12.1	12.4	12.5	12.7
C240.0	11.5	11.7	12.0	12.2	12.3	12.7	13.1	13.2	13.6	13.5
C270.0	10.7	10.8	11.0	11.3	11.4	11.6	11.6	11.7	11.8	12.1
C300.0	11.7	11.9	12.1	12.3	12.6	12.7	12.8	12.9	13.2	13.3
C330.0	13.0	12.8	12.6	12.9	13.1	12.9	13.2	13.2	13.5	13.6
C360.0	12.9	12.7	12.7	12.6	12.8	12.9	13.0	13.3	13.4	13.5
C\G	G140.0	G141.0	G142.0	G143.0	G144.0	G145.0	G146.0	G147.0	G148.0	G149.0
C0.0	13.8	13.7	14.1	14.2	14.4	14.4	14.7	14.8	14.9	15.0
C30.0	12.8	13.0	13.0	13.1	13.5	13.6	13.6	13.6	13.7	13.8
C60.0	13.7	13.8	14.0	14.2	14.3	14.4	14.7	14.7	14.7	15.1
C90.0	12.3	12.4	12.4	12.6	12.6	12.7	13.0	13.0	13.3	13.3
C120.0	13.6	13.5	13.8	13.9	14.1	14.2	14.2	14.5	14.5	14.7
C150.0	13.8	13.8	14.2	14.2	14.4	14.5	14.7	14.9	15.0	15.2
C180.0	13.8	13.7	14.1	14.2	14.4	14.4	14.7	14.8	14.9	15.0
C210.0	12.8	13.0	13.0	13.1	13.5	13.6	13.6	13.6	13.7	13.8
C240.0	13.7	13.8	14.0	14.2	14.3	14.4	14.7	14.7	14.7	15.1
C270.0	12.3	12.4	12.4	12.6	12.6	12.7	13.0	13.0	13.3	13.3
C300.0	13.6	13.5	13.8	13.9	14.1	14.2	14.2	14.5	14.5	14.7
C330.0	13.8	13.8	14.2	14.2	14.4	14.5	14.7	14.9	15.0	15.2
C360.0	13.8	13.7	14.1	14.2	14.4	14.4	14.7	14.8	14.9	15.0

Light intensity data Unit[cd]

C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	15.1	15.4	15.3	15.4	15.6	15.7	15.7	15.9	16.1	16.2
C30.0	13.8	14.0	14.1	14.3	14.3	14.4	14.5	14.6	14.6	14.5
C60.0	15.2	15.1	15.3	15.4	15.6	15.5	15.5	15.6	15.7	15.7
C90.0	13.4	13.5	13.6	13.8	13.9	13.8	14.0	14.1	14.2	14.2
C120.0	14.9	14.8	14.9	15.0	15.1	15.1	15.1	15.1	15.2	15.1
C150.0	15.1	15.4	15.4	15.5	15.5	15.6	15.7	15.8	15.6	15.9
C180.0	15.1	15.4	15.3	15.4	15.6	15.7	15.7	15.9	16.1	16.2
C210.0	13.8	14.0	14.1	14.3	14.3	14.4	14.5	14.6	14.6	14.5
C240.0	15.2	15.1	15.3	15.4	15.6	15.5	15.5	15.6	15.7	15.7
C270.0	13.4	13.5	13.6	13.8	13.9	13.8	14.0	14.1	14.2	14.2
C300.0	14.9	14.8	14.9	15.0	15.1	15.1	15.1	15.1	15.2	15.1
C330.0	15.1	15.4	15.4	15.5	15.5	15.6	15.7	15.8	15.6	15.9
C360.0	15.1	15.4	15.3	15.4	15.6	15.7	15.7	15.9	16.1	16.2
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	16.3	16.4	16.6	16.8	16.9	17.0	17.0	17.1	17.0	17.1
C30.0	14.6	14.7	14.7	14.8	14.5	14.9	14.8	14.7	14.8	14.8
C60.0	15.9	15.7	15.9	15.9	16.1	16.0	16.0	16.1	16.0	16.1
C90.0	14.3	14.4	14.5	14.5	14.5	14.7	14.8	15.1	15.0	15.2
C120.0	15.0	14.9	15.0	14.9	14.9	15.1	15.0	15.1	15.1	15.2
C150.0	15.8	16.0	15.8	15.9	15.8	15.7	15.6	15.6	15.5	15.8
C180.0	16.3	16.4	16.6	16.8	16.9	17.0	17.0	17.1	17.0	17.1
C210.0	14.6	14.7	14.7	14.8	14.5	14.9	14.8	14.7	14.8	14.8
C240.0	15.9	15.7	15.9	15.9	16.1	16.0	16.0	16.1	16.0	16.1
C270.0	14.3	14.4	14.5	14.5	14.5	14.7	14.8	15.1	15.0	15.2
C300.0	15.0	14.9	15.0	14.9	14.9	15.1	15.0	15.1	15.1	15.2
C330.0	15.8	16.0	15.8	15.9	15.8	15.7	15.6	15.6	15.5	15.8
C360.0	16.3	16.4	16.6	16.8	16.9	17.0	17.0	17.1	17.0	17.1
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	17.1	16.9	17.0	16.8	16.7	16.6	16.6	16.3	16.4	16.4
C30.0	15.1	15.0	15.0	15.3	15.4	15.4	15.5	15.5	15.5	15.5
C60.0	16.1	16.0	16.1	16.2	16.3	16.3	16.3	16.4	16.4	16.4
C90.0	15.3	15.3	15.7	15.4	15.6	15.6	15.8	15.7	15.8	15.9
C120.0	15.3	15.5	15.4	15.4	15.4	15.6	15.6	15.7	15.9	15.7
C150.0	15.8	15.7	15.7	15.8	15.7	15.6	15.7	15.7	15.6	15.8
C180.0	17.1	16.9	17.0	16.8	16.7	16.6	16.6	16.3	16.4	16.4
C210.0	15.1	15.0	15.0	15.3	15.4	15.4	15.5	15.5	15.5	15.5
C240.0	16.1	16.0	16.1	16.2	16.3	16.3	16.3	16.4	16.4	16.4
C270.0	15.3	15.3	15.7	15.4	15.6	15.6	15.8	15.7	15.8	15.9
C300.0	15.3	15.5	15.4	15.4	15.4	15.6	15.6	15.7	15.9	15.7
C330.0	15.8	15.7	15.7	15.8	15.7	15.6	15.7	15.7	15.6	15.8
C360.0	17.1	16.9	17.0	16.8	16.7	16.6	16.6	16.3	16.4	16.4

Light intensity data Unit[cd]

C\G	G180.0									
C0.0	16.4									
C30.0	15.6									
C60.0	16.2									
C90.0	16.0									
C120.0	15.7									
C150.0	15.9									
C180.0	16.4									
C210.0	15.6									
C240.0	16.2									
C270.0	16.0									
C300.0	15.7									
C330.0	15.9									
C360.0	16.4									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	1377.17	0.00	0.00	0.00	0.00
0.0-1.0	1375.71	1.32	1.32	0.03	0.03
1.0-2.0	1374.96	3.95	5.27	0.09	0.12
2.0-3.0	1373.88	6.57	11.84	0.15	0.27
3.0-4.0	1372.30	9.19	21.03	0.21	0.47
4.0-5.0	1370.14	11.80	32.83	0.26	0.73
5.0-6.0	1367.48	14.39	47.22	0.32	1.06
6.0-7.0	1364.51	16.96	64.17	0.38	1.44
7.0-8.0	1360.97	19.51	83.68	0.44	1.87
8.0-9.0	1356.95	22.03	105.71	0.49	2.37
9.0-10.0	1352.61	24.52	130.23	0.55	2.92
10.0-11.0	1347.57	26.98	157.21	0.60	3.52
11.0-12.0	1342.10	29.40	186.61	0.66	4.18
12.0-13.0	1336.41	31.79	218.40	0.71	4.89
13.0-14.0	1330.17	34.13	252.53	0.76	5.65
14.0-15.0	1323.56	36.43	288.96	0.82	6.47
15.0-16.0	1316.23	38.68	327.64	0.87	7.33
16.0-17.0	1308.65	40.88	368.52	0.92	8.25
17.0-18.0	1300.66	43.02	411.54	0.96	9.21
18.0-19.0	1292.13	45.11	456.65	1.01	10.22
19.0-20.0	1283.13	47.13	503.78	1.06	11.28
20.0-21.0	1273.51	49.09	552.88	1.10	12.38
21.0-22.0	1263.70	50.99	603.86	1.14	13.52
22.0-23.0	1253.60	52.82	656.68	1.18	14.70
23.0-24.0	1243.40	54.59	711.27	1.22	15.92
24.0-25.0	1232.21	56.29	767.56	1.26	17.18
25.0-26.0	1220.30	57.89	825.46	1.30	18.48
26.0-27.0	1208.61	59.42	884.88	1.33	19.81
27.0-28.0	1196.46	60.89	945.77	1.36	21.17
28.0-29.0	1184.02	62.28	1008.05	1.39	22.57
29.0-30.0	1170.55	63.57	1071.63	1.42	23.99
30.0-31.0	1156.81	64.77	1136.39	1.45	25.44
31.0-32.0	1143.36	65.90	1202.29	1.48	26.91
32.0-33.0	1128.84	66.94	1269.23	1.50	28.41
33.0-34.0	1114.09	67.88	1337.11	1.52	29.93
34.0-35.0	1098.95	68.73	1405.84	1.54	31.47
35.0-36.0	1083.60	69.49	1475.33	1.56	33.03
36.0-37.0	1068.28	70.18	1545.51	1.57	34.60
37.0-38.0	1052.37	70.78	1616.30	1.58	36.18
38.0-39.0	1035.78	71.27	1687.57	1.60	37.78
39.0-40.0	1019.09	71.67	1759.24	1.60	39.38

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	1002.07	71.97	1831.21	1.61	40.99
41.0-42.0	985.51	72.21	1903.42	1.62	42.61
42.0-43.0	967.48	72.34	1975.77	1.62	44.23
43.0-44.0	949.37	72.35	2048.11	1.62	45.85
44.0-45.0	931.83	72.30	2120.41	1.62	47.47
45.0-46.0	913.52	72.17	2192.58	1.62	49.08
46.0-47.0	895.34	71.94	2264.52	1.61	50.69
47.0-48.0	876.65	71.63	2336.16	1.60	52.30
48.0-49.0	857.51	71.21	2407.37	1.59	53.89
49.0-50.0	838.75	70.72	2478.09	1.58	55.47
50.0-51.0	819.66	70.16	2548.26	1.57	57.04
51.0-52.0	800.21	69.51	2617.77	1.56	58.60
52.0-53.0	780.37	68.76	2686.52	1.54	60.14
53.0-54.0	760.46	67.91	2754.44	1.52	61.66
54.0-55.0	740.99	67.02	2821.46	1.50	63.16
55.0-56.0	721.07	66.07	2887.53	1.48	64.64
56.0-57.0	700.44	64.99	2952.52	1.45	66.09
57.0-58.0	680.52	63.86	3016.38	1.43	67.52
58.0-59.0	660.69	62.70	3079.08	1.40	68.93
59.0-60.0	640.66	61.48	3140.56	1.38	70.30
60.0-61.0	620.45	60.18	3200.75	1.35	71.65
61.0-62.0	599.59	58.79	3259.54	1.32	72.97
62.0-63.0	579.85	57.36	3316.90	1.28	74.25
63.0-64.0	559.60	55.91	3372.81	1.25	75.50
64.0-65.0	539.75	54.41	3427.22	1.22	76.72
65.0-66.0	519.40	52.84	3480.06	1.18	77.90
66.0-67.0	499.26	51.22	3531.28	1.15	79.05
67.0-68.0	479.76	49.59	3580.88	1.11	80.16
68.0-69.0	460.22	47.95	3628.83	1.07	81.23
69.0-70.0	440.47	46.26	3675.09	1.04	82.27
70.0-71.0	420.97	44.52	3719.61	1.00	83.27
71.0-72.0	402.13	42.80	3762.41	0.96	84.22
72.0-73.0	383.69	41.09	3803.50	0.92	85.14
73.0-74.0	365.44	39.38	3842.89	0.88	86.03
74.0-75.0	346.82	37.63	3880.52	0.84	86.87
75.0-76.0	328.95	35.87	3916.39	0.80	87.67
76.0-77.0	311.86	34.17	3950.56	0.76	88.44
77.0-78.0	294.89	32.48	3983.04	0.73	89.16
78.0-79.0	278.37	30.80	4013.84	0.69	89.85
79.0-80.0	262.15	29.14	4042.98	0.65	90.51
80.0-81.0	246.66	27.52	4070.49	0.62	91.12

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	232.35	25.98	4096.47	0.58	91.70
82.0-83.0	218.23	24.49	4120.96	0.55	92.25
83.0-84.0	204.42	23.03	4143.99	0.52	92.77
84.0-85.0	191.81	21.63	4165.61	0.48	93.25
85.0-86.0	179.69	20.31	4185.92	0.45	93.71
86.0-87.0	168.51	19.06	4204.98	0.43	94.13
87.0-88.0	156.82	17.82	4222.80	0.40	94.53
88.0-89.0	146.05	16.60	4239.40	0.37	94.90
89.0-90.0	136.35	15.48	4254.88	0.35	95.25
90.0-91.0	126.61	14.42	4269.29	0.32	95.57
91.0-92.0	117.52	13.38	4282.68	0.30	95.87
92.0-93.0	107.96	12.35	4295.03	0.28	96.15
93.0-94.0	99.34	11.35	4306.37	0.25	96.40
94.0-95.0	92.29	10.47	4316.85	0.23	96.64
95.0-96.0	85.83	9.72	4326.57	0.22	96.85
96.0-97.0	79.23	8.99	4335.56	0.20	97.05
97.0-98.0	73.77	8.32	4343.88	0.19	97.24
98.0-99.0	68.37	7.71	4351.59	0.17	97.41
99.0-100.0	63.36	7.12	4358.71	0.16	97.57
100.0-101.0	58.63	6.58	4365.29	0.15	97.72
101.0-102.0	54.03	6.05	4371.34	0.14	97.86
102.0-103.0	49.87	5.56	4376.90	0.12	97.98
103.0-104.0	46.08	5.12	4382.01	0.11	98.09
104.0-105.0	42.54	4.70	4386.72	0.11	98.20
105.0-106.0	39.10	4.31	4391.03	0.10	98.30
106.0-107.0	36.02	3.95	4394.98	0.09	98.39
107.0-108.0	33.29	3.62	4398.60	0.08	98.47
108.0-109.0	30.53	3.32	4401.92	0.07	98.54
109.0-110.0	28.15	3.03	4404.96	0.07	98.61
110.0-111.0	25.91	2.78	4407.73	0.06	98.67
111.0-112.0	23.97	2.54	4410.28	0.06	98.73
112.0-113.0	22.26	2.34	4412.62	0.05	98.78
113.0-114.0	20.57	2.15	4414.77	0.05	98.83
114.0-115.0	19.19	1.98	4416.76	0.04	98.87
115.0-116.0	17.92	1.84	4418.59	0.04	98.91
116.0-117.0	16.85	1.71	4420.30	0.04	98.95
117.0-118.0	15.72	1.58	4421.88	0.04	98.99
118.0-119.0	14.89	1.47	4423.36	0.03	99.02
119.0-120.0	14.15	1.39	4424.75	0.03	99.05
120.0-121.0	13.53	1.31	4426.05	0.03	99.08
121.0-122.0	13.02	1.24	4427.30	0.03	99.11

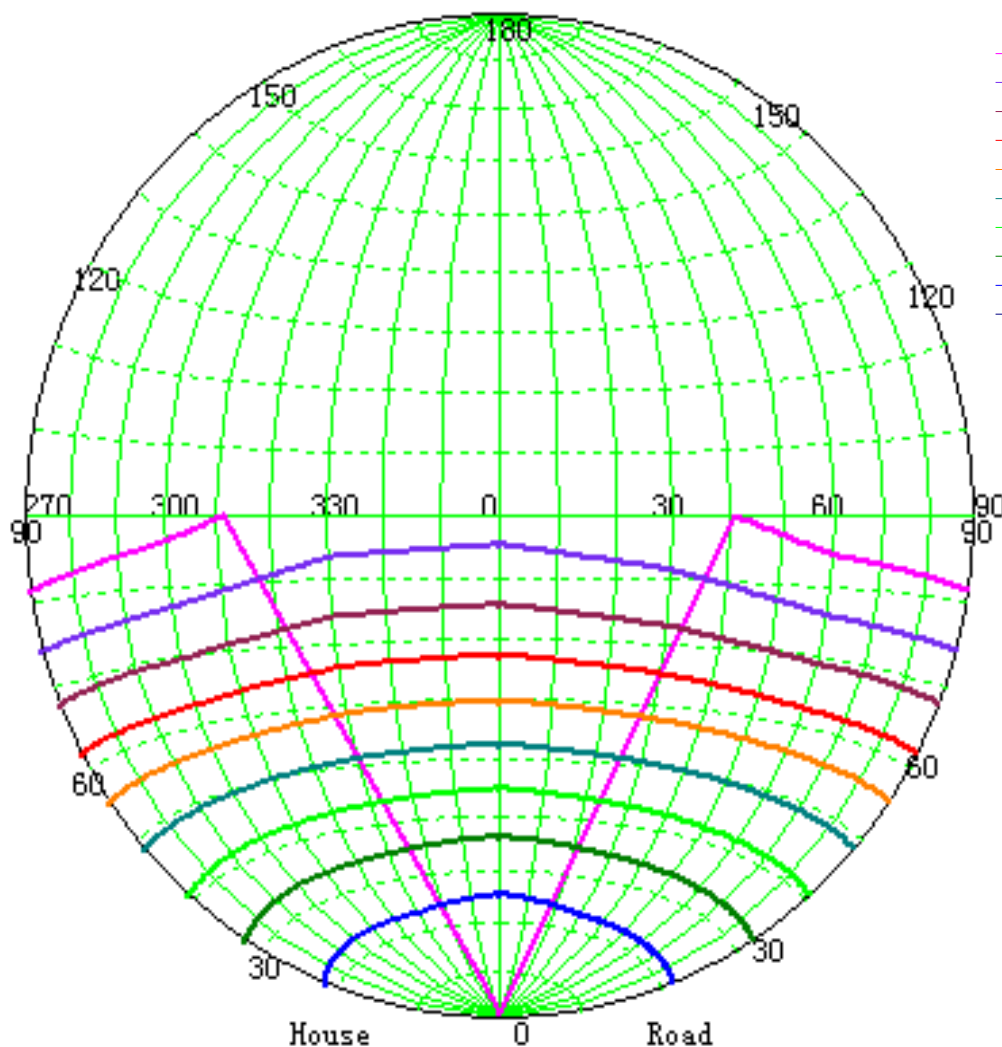
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	12.57	1.18	4428.48	0.03	99.13
123.0-124.0	12.30	1.14	4429.62	0.03	99.16
124.0-125.0	12.10	1.10	4430.72	0.02	99.19
125.0-126.0	11.91	1.07	4431.79	0.02	99.21
126.0-127.0	11.78	1.04	4432.83	0.02	99.23
127.0-128.0	11.75	1.02	4433.86	0.02	99.26
128.0-129.0	11.79	1.01	4434.87	0.02	99.28
129.0-130.0	11.80	1.00	4435.87	0.02	99.30
130.0-131.0	11.84	0.99	4436.85	0.02	99.32
131.0-132.0	11.96	0.98	4437.83	0.02	99.34
132.0-133.0	12.18	0.98	4438.80	0.02	99.37
133.0-134.0	12.32	0.97	4439.78	0.02	99.39
134.0-135.0	12.45	0.97	4440.74	0.02	99.41
135.0-136.0	12.62	0.96	4441.71	0.02	99.43
136.0-137.0	12.77	0.96	4442.67	0.02	99.45
137.0-138.0	13.02	0.96	4443.62	0.02	99.47
138.0-139.0	13.12	0.95	4444.57	0.02	99.50
139.0-140.0	13.32	0.94	4445.51	0.02	99.52
140.0-141.0	13.37	0.93	4446.44	0.02	99.54
141.0-142.0	13.60	0.92	4447.36	0.02	99.56
142.0-143.0	13.71	0.91	4448.28	0.02	99.58
143.0-144.0	13.88	0.90	4449.17	0.02	99.60
144.0-145.0	13.94	0.89	4450.06	0.02	99.62
145.0-146.0	14.13	0.87	4450.93	0.02	99.64
146.0-147.0	14.24	0.86	4451.79	0.02	99.66
147.0-148.0	14.35	0.84	4452.63	0.02	99.68
148.0-149.0	14.51	0.83	4453.46	0.02	99.69
149.0-150.0	14.57	0.81	4454.27	0.02	99.71
150.0-151.0	14.70	0.79	4455.06	0.02	99.73
151.0-152.0	14.77	0.77	4455.83	0.02	99.75
152.0-153.0	14.88	0.75	4456.58	0.02	99.76
153.0-154.0	15.02	0.73	4457.32	0.02	99.78
154.0-155.0	15.01	0.71	4458.03	0.02	99.80
155.0-156.0	15.10	0.68	4458.71	0.02	99.81
156.0-157.0	15.17	0.66	4459.37	0.01	99.83
157.0-158.0	15.23	0.64	4460.01	0.01	99.84
158.0-159.0	15.26	0.61	4460.62	0.01	99.85
159.0-160.0	15.31	0.59	4461.21	0.01	99.87
160.0-161.0	15.34	0.56	4461.77	0.01	99.88
161.0-162.0	15.43	0.54	4462.31	0.01	99.89
162.0-163.0	15.45	0.51	4462.82	0.01	99.90

Zonal Luminous Flux Data

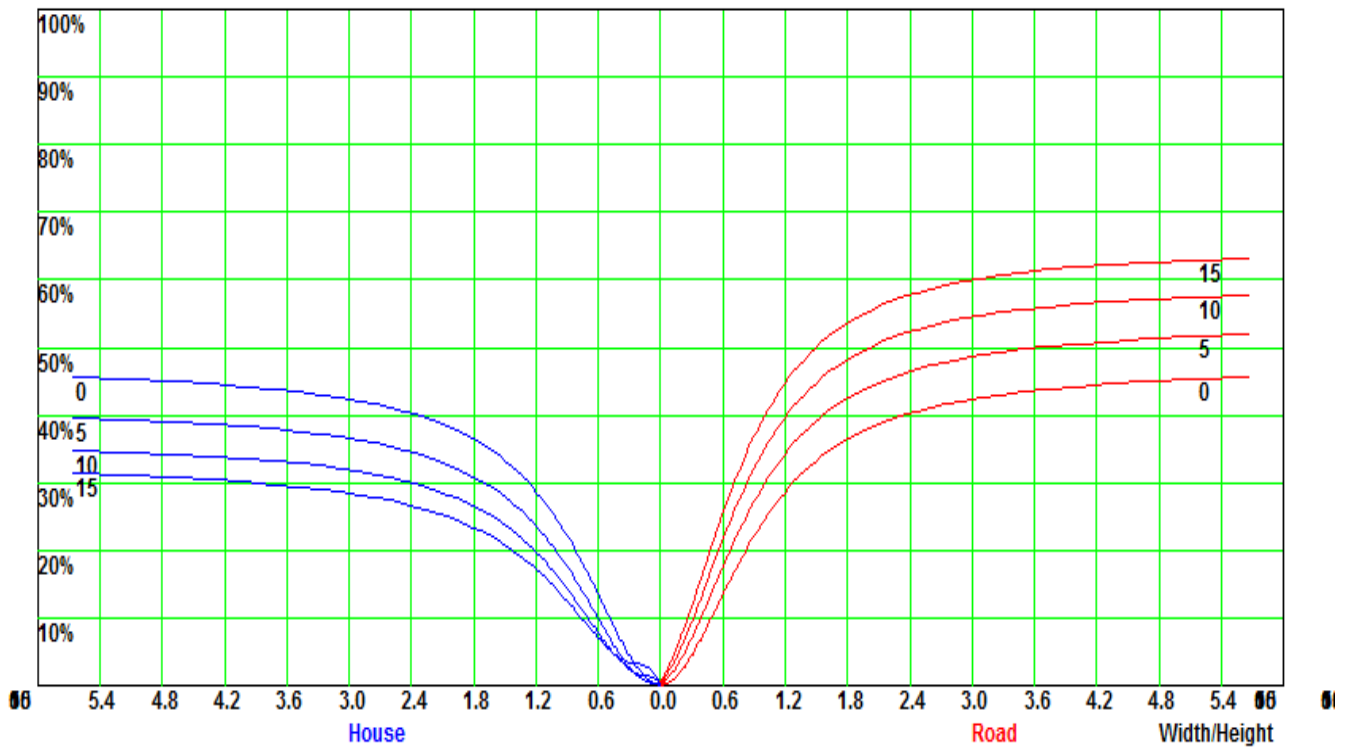
Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
163.0-164.0	15.45	0.48	4463.30	0.01	99.91
164.0-165.0	15.57	0.45	4463.75	0.01	99.92
165.0-166.0	15.55	0.43	4464.18	0.01	99.93
166.0-167.0	15.61	0.40	4464.58	0.01	99.94
167.0-168.0	15.57	0.37	4464.95	0.01	99.95
168.0-169.0	15.72	0.34	4465.29	0.01	99.96
169.0-170.0	15.78	0.31	4465.60	0.01	99.97
170.0-171.0	15.75	0.29	4465.89	0.01	99.97
171.0-172.0	15.82	0.26	4466.15	0.01	99.98
172.0-173.0	15.82	0.23	4466.37	0.01	99.98
173.0-174.0	15.82	0.20	4466.57	0.00	99.99
174.0-175.0	15.84	0.17	4466.74	0.00	99.99
175.0-176.0	15.92	0.14	4466.87	0.00	99.99
176.0-177.0	15.88	0.11	4466.98	0.00	100.00
177.0-178.0	15.93	0.08	4467.05	0.00	100.00
178.0-179.0	15.95	0.05	4467.10	0.00	100.00
179.0-180.0	15.98	0.02	4467.12	0.00	100.00

Iso-Candela [cd]

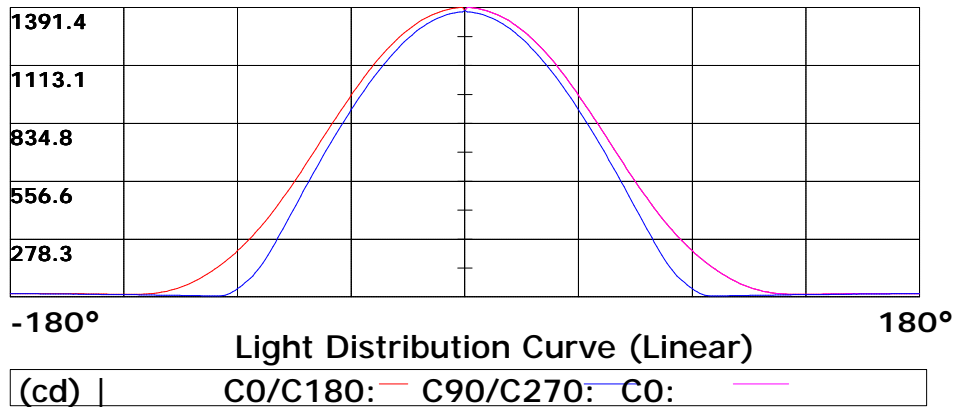
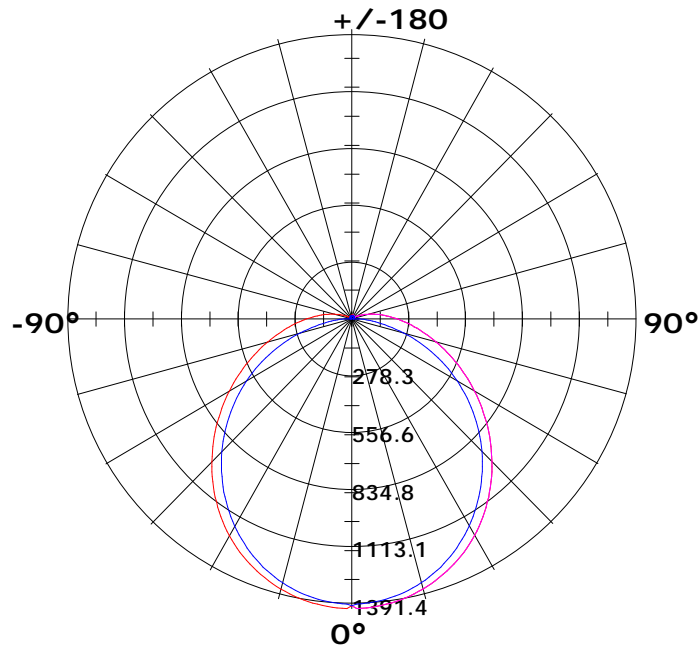


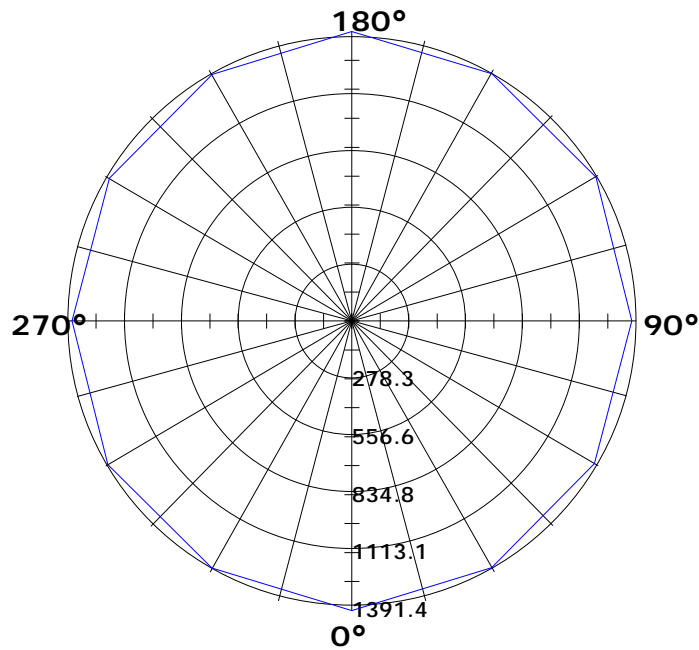
- (10%): 17.35824 cd
- (20%): 16.92092 cd
- (30%): 17.02184 cd
- (40%): 16.95456 cd
- (50%): 16.58452 cd
- (60%): 16.78636 cd
- (70%): 16.78636 cd
- (80%): 16.95456 cd
- (90%): 16.95456 cd
- (100%): 16.68544 cd

Coefficient Utilization Curve



Light Distribution Curve [Unit: cd]



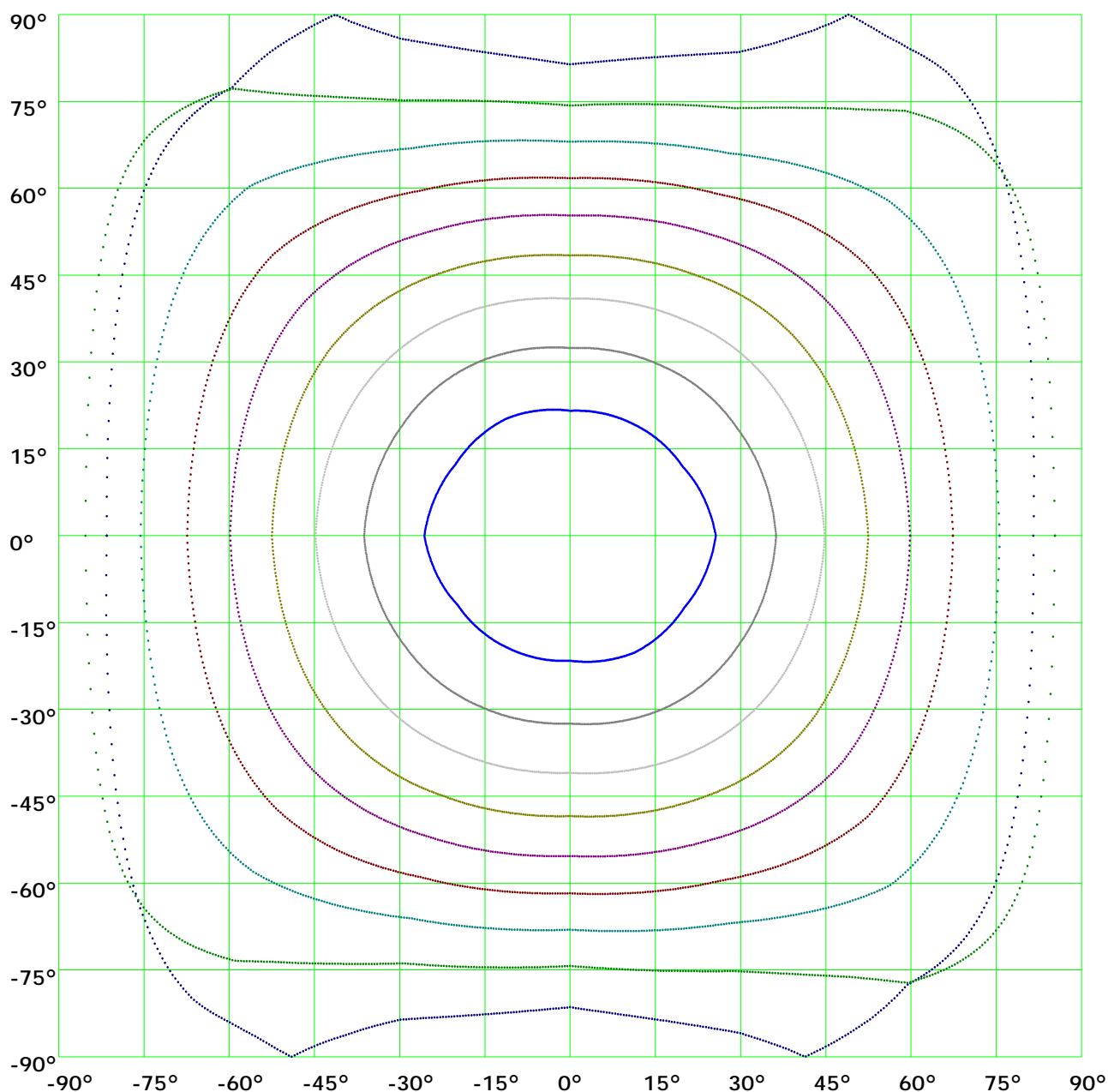


1391.4							
1113.1							
834.8							
556.6							
278.3							

-180° Light Distribution Curve (Linear) 180°

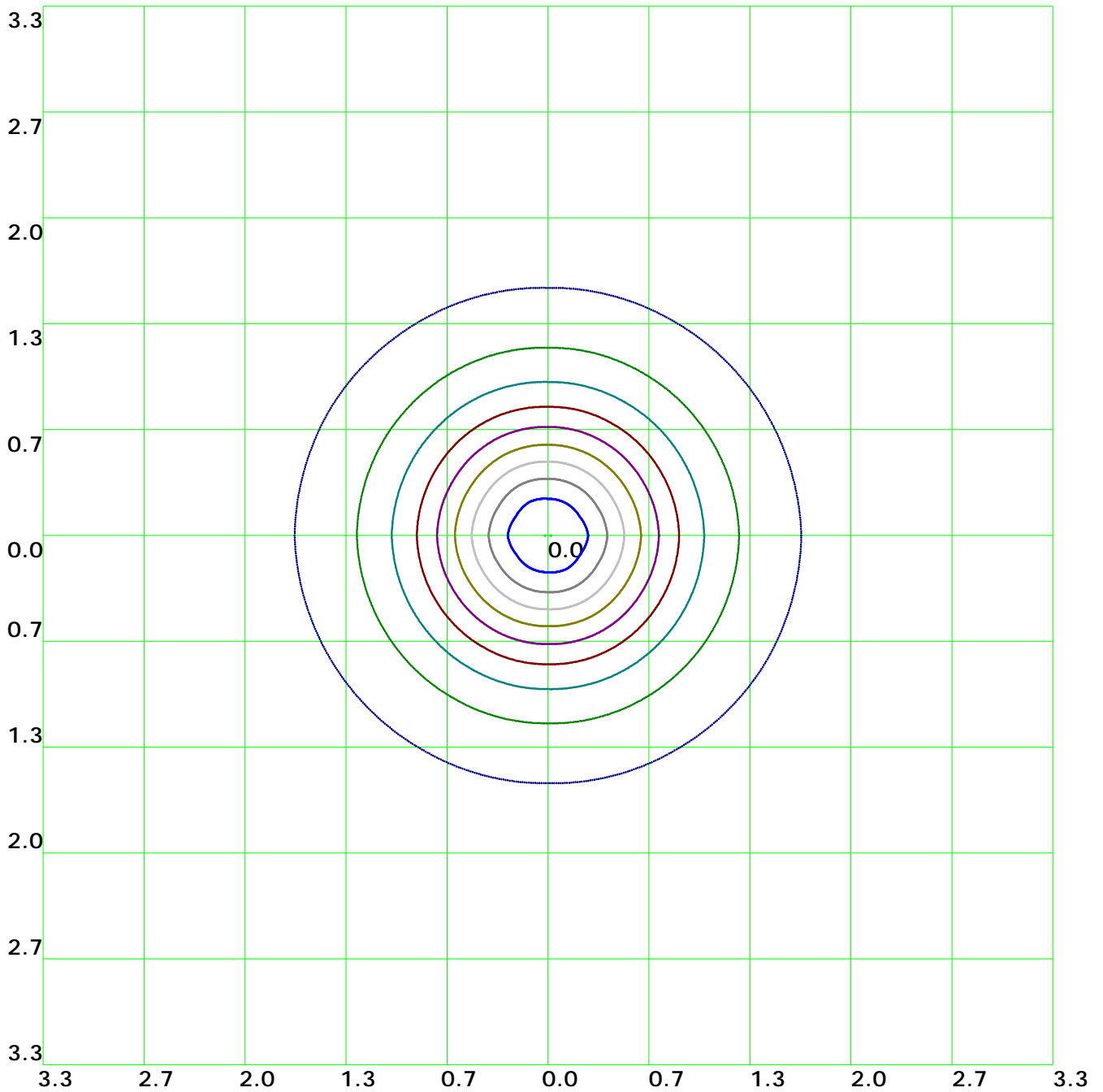
(cd) | γ1: —

Isocandela(rectangle)



— (10%): 139.1cd	— (20%): 278.3cd	— (30%): 417.4cd	— (40%): 556.6cd
— (50%): 695.7cd	— (60%): 834.9cd	— (70%): 974.cd	— (80%): 1113.1cd
— (90%): 1252.3cd	— (100%): 1391.4cd		

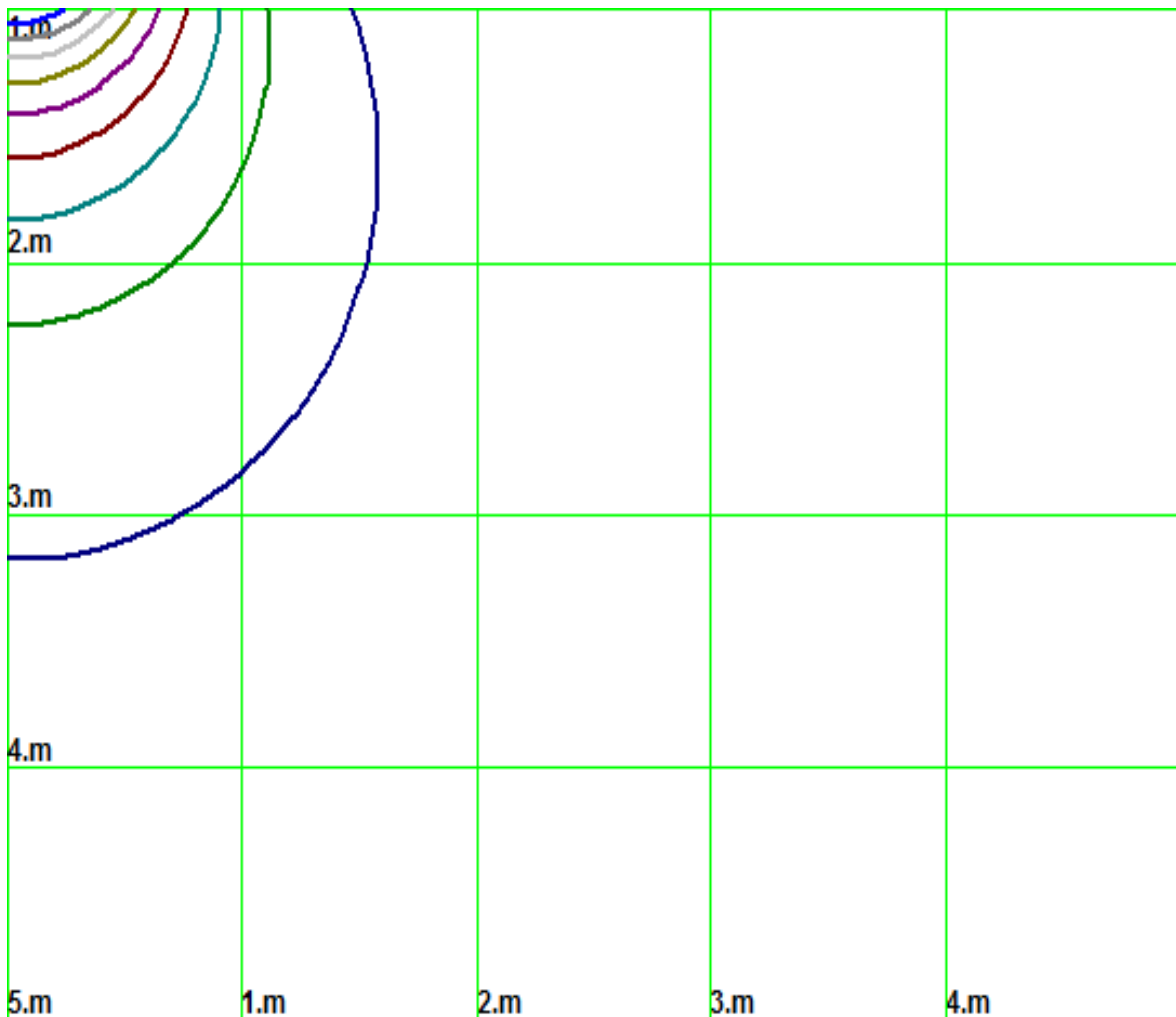
Isolx curve



Height: 1 m

- | | | | |
|-------------------|--------------------|------------------|-------------------|
| — (10%): 139.1lx | — (20%): 278.3lx | — (30%): 417.4lx | — (40%): 556.6lx |
| — (50%): 695.7lx | — (60%): 834.9lx | — (70%): 974.1lx | — (80%): 1113.1lx |
| — (90%): 1252.3lx | — (100%): 1390.1lx | | |

Space Isolx Curve



- | | | | |
|-------------------|--------------------|------------------|-------------------|
| — (10%): 139.1lx | — (20%): 278.3lx | — (30%): 417.4lx | — (40%): 556.6lx |
| — (50%): 695.7lx | — (60%): 834.9lx | — (70%): 974.1lx | — (80%): 1113.1lx |
| — (90%): 1252.3lx | — (100%): 1390.1lx | | |

Luminance Limiting Curve

Diameter: 0mm

Length: 0mm

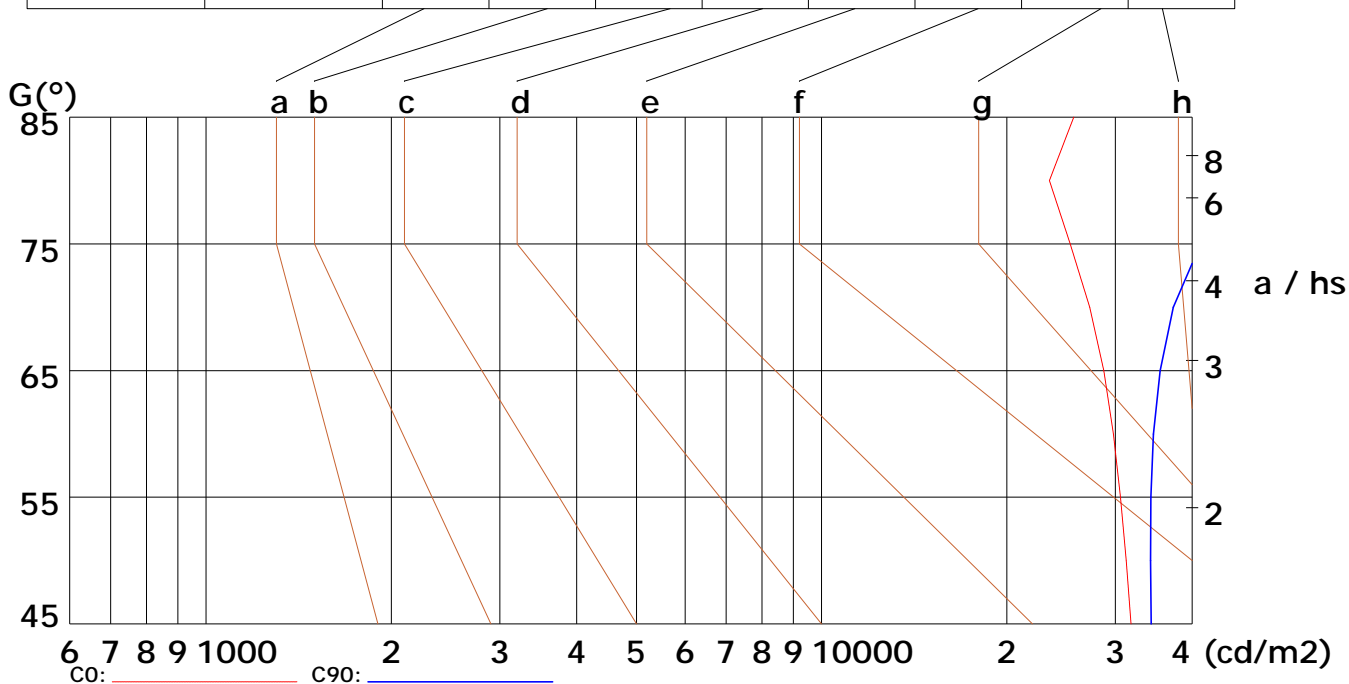
Width: 0mm

Height: 0mm

(cd/m²)

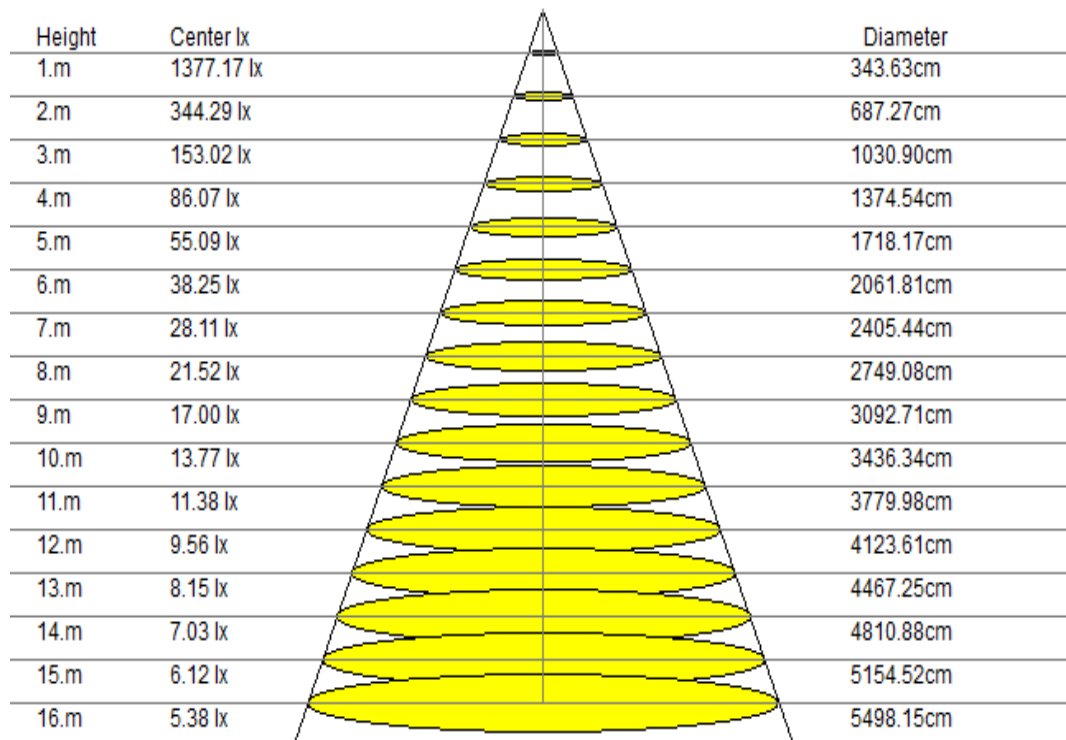
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	31822	31255	30594	29782	28755	27276	25358	23455	25692
C90	34322	34237	34274	34619	35474	37288	41217	50359	81026

Glare	Quality	Service Values Illuminance (lx)									
1.15	A	2000	1000	500	≤300						
1.5	B		2000	1000	500	≤300					
1.85	C			2000	1000	500	≤300				
2.2	D				2000	1000	500	≤300			
2.55	E					2000	1000	500	≤300		



Lum. Limiting Curve (C0/C90)

Lux-Distance Curve

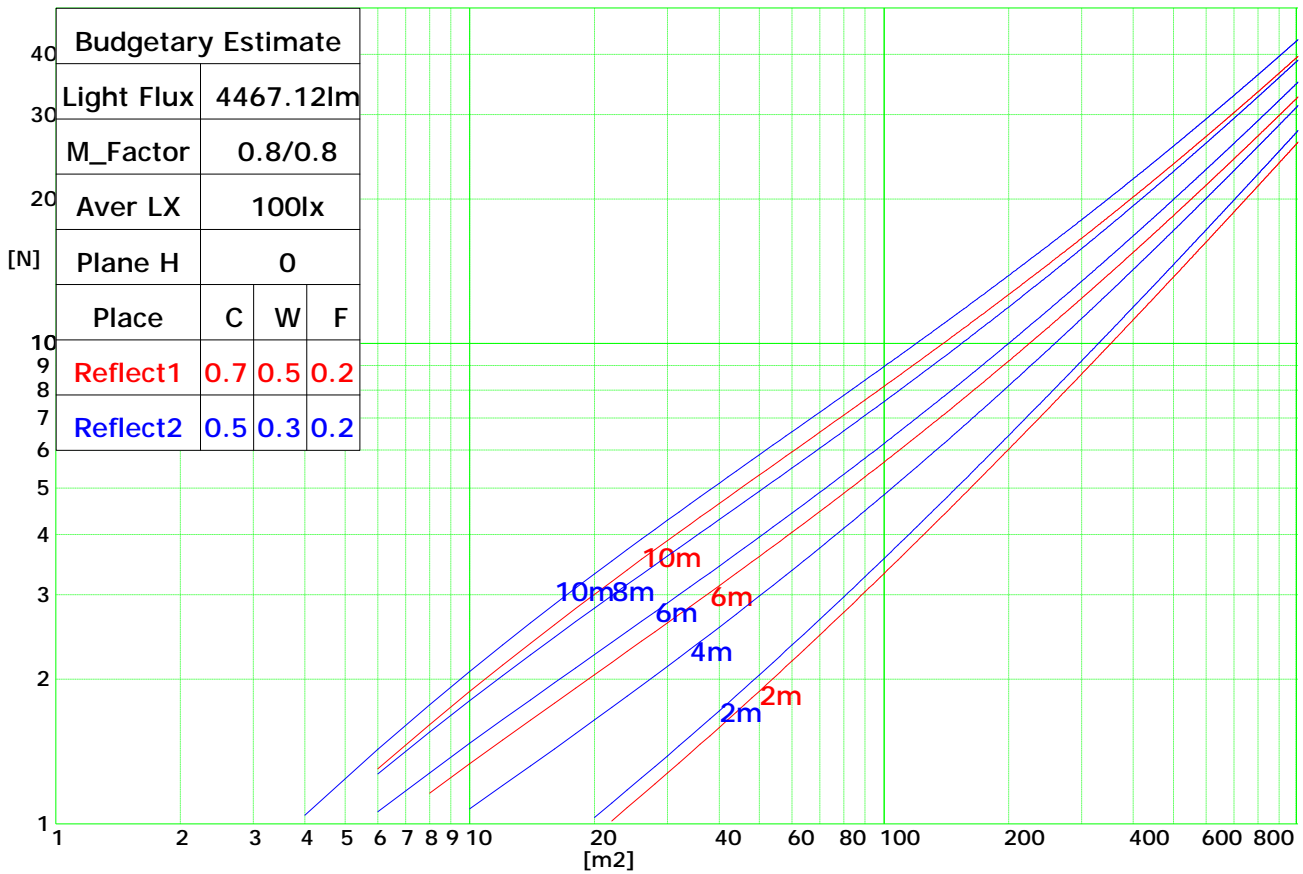


Beam Angle: 119.60° (50%Imax)

Coefficients of Utilization

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR	COEFFICIENTS OF UTILIZATION FOR RHOFC=20															
0	1.19	1.19	1.19	1.16	1.16	1.16	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00
1	1.02	1.00	0.98	1.01	0.99	0.97	0.97	0.95	0.93	0.93	0.90	0.88	0.87	0.84	0.82	0.76
2	0.86	0.84	0.82	0.86	0.83	0.80	0.84	0.80	0.77	0.81	0.77	0.73	0.76	0.72	0.68	0.63
3	0.74	0.71	0.69	0.74	0.70	0.68	0.73	0.69	0.65	0.71	0.66	0.62	0.68	0.63	0.58	0.54
4	0.64	0.61	0.59	0.65	0.61	0.58	0.65	0.60	0.56	0.63	0.58	0.53	0.61	0.55	0.50	0.46
5	0.57	0.54	0.52	0.57	0.54	0.51	0.58	0.53	0.49	0.57	0.51	0.47	0.56	0.49	0.44	0.40
6	0.51	0.48	0.46	0.51	0.48	0.45	0.52	0.47	0.43	0.52	0.46	0.41	0.51	0.45	0.39	0.36
7	0.46	0.43	0.41	0.46	0.43	0.40	0.47	0.42	0.39	0.48	0.42	0.37	0.47	0.41	0.35	0.32
8	0.41	0.39	0.37	0.42	0.39	0.37	0.43	0.39	0.35	0.44	0.38	0.34	0.44	0.37	0.32	0.29
9	0.38	0.36	0.34	0.39	0.36	0.34	0.40	0.35	0.32	0.41	0.35	0.31	0.41	0.34	0.29	0.27
10	0.35	0.33	0.31	0.36	0.33	0.31	0.37	0.33	0.30	0.38	0.32	0.28	0.38	0.32	0.27	0.24

Indoor Budgetary Estimate Chart



UGR Glare Index

Ceiling	70	70	50	50	30	70	70	50	50	30	
Wall	50	30	50	30	30	50	30	50	30	30	
Floor	20	20	20	20	20	20	20	20	20	20	
Room Size	Left to light axis direction of observation					Direction of light axis parallel observation					
X	Y										
2H	2H	14.8	16.0	14.9	15.9	16.4	14.7	16.0	14.8	15.9	16.4
	3H	16.3	17.5	16.7	17.7	18.0	16.2	17.3	16.6	17.7	17.9
	4H	17.0	18.0	17.4	18.7	18.7	16.8	18.0	17.3	18.7	18.8
	6H	17.6	18.5	18.0	18.8	19.1	17.3	18.4	17.8	18.9	19.0
	8H	17.9	18.9	18.1	19.0	19.3	17.7	18.8	17.9	18.9	19.3
4H	12H	17.9	18.8	18.2	19.3	19.5	17.8	18.7	18.0	19.3	19.6
	2H	15.8	16.7	15.8	16.8	17.1	15.6	16.5	15.7	16.7	17.0
	3H	17.5	18.3	17.6	18.5	18.8	17.2	18.2	17.7	18.4	18.8
	4H	18.2	19.0	18.6	19.1	19.5	18.0	18.8	18.3	19.1	19.5
	6H	18.8	19.6	19.2	19.8	20.1	18.7	19.4	19.0	19.8	20.1
8H	8H	19.1	19.6	19.4	20.0	20.3	18.9	19.5	19.2	19.9	20.3
	12H	19.3	20.0	19.5	20.1	20.5	19.2	19.8	19.6	20.1	20.4
	4H	18.5	19.2	19.0	19.4	19.8	18.4	18.9	18.8	19.4	19.9
	6H	19.4	19.9	19.9	20.3	20.7	19.3	19.7	19.6	20.2	20.5
	8H	19.6	20.2	20.2	20.6	21.0	19.6	20.0	20.1	20.5	20.8
12H	12H	20.0	20.5	20.5	20.8	21.2	19.8	20.2	20.3	20.8	21.2
	4H	18.7	19.2	19.1	19.6	19.9	18.5	19.0	18.8	19.4	19.9
	6H	19.6	19.9	19.9	20.3	20.7	19.3	19.8	19.8	20.2	20.7
	8H	19.9	20.3	20.3	20.6	21.1	19.8	20.2	20.1	20.5	21.0