

Luminaire Property

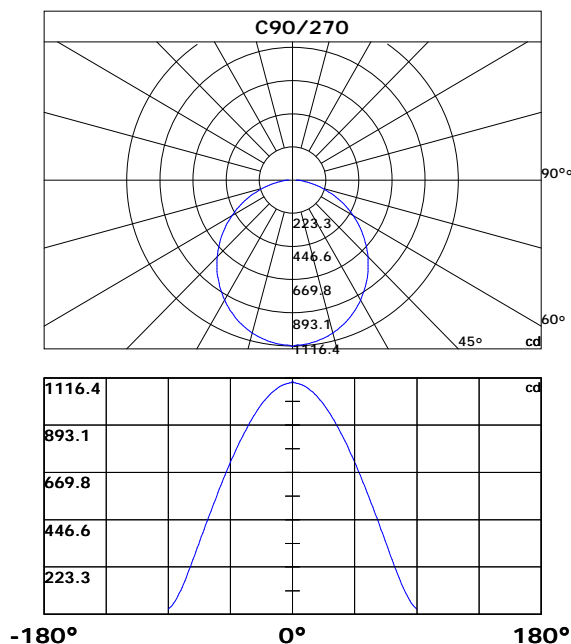
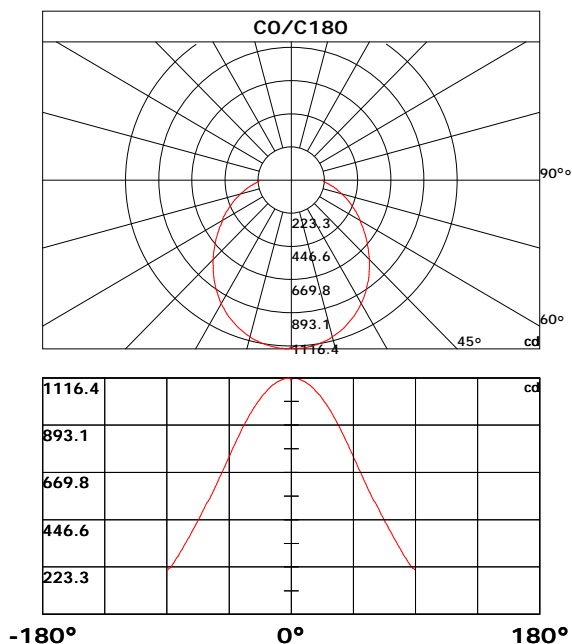
Luminaire Description: F2141-50W-4000K
 Luminaire Category:
 Lamp Category:
 Lamp Description:
 Number of Lamp:
 Lamp Lumens(lm): 3340.71
 Luminous Length(m): 0.0
 Luminous Width(m): 0.0
 Luminous Height(m): 0.0

Voltage: 219.5 V
 Current: 0.184 A
 Power: 38.31 W
 Power Factor: 0.947
 Test Lab: HuiPu-lab
 Photometric Type: Type C
 Manufactory:

Photometric Results

CIE Class: Direct
 Effective Luminous Flux: 3320.46 lm
 Efficiency: 87.202 lm/W
 Central Intensity: 1102.372cd
 Max. Intensity: 1116.411cd
 Field Angle(10%Imax): NA

Max. Intensity Angle: C:0.0 G:1.0
 Beam Angle(50%Imax): 114.83, 111.26
 Luminaire Efficacy Rating(LER) : 100.00%
 Upward Ratio: NA
 Downward Ratio: NA
 Beamwidth(50%Imax): H=114.83V=111.26



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	1102.4	1116.4	1115.9	1114.2	1113.5	1111.8	1109.0	1106.9	1103.9	1101.4
C30.0	1102.4	1095.9	1095.9	1094.5	1092.6	1091.1	1088.5	1086.6	1083.5	1080.2
C60.0	1102.4	1096.3	1095.7	1094.8	1093.2	1091.3	1089.0	1086.8	1084.5	1080.5
C90.0	1102.4	1093.2	1092.3	1091.0	1089.9	1087.5	1085.8	1082.4	1080.1	1076.3
C120.0	1102.4	1106.6	1105.5	1104.6	1102.7	1101.3	1099.4	1096.2	1093.1	1090.0
C150.0	1102.4	1098.8	1098.4	1098.2	1095.6	1094.8	1092.4	1090.2	1087.2	1083.3
C180.0	1102.4	1116.4	1115.9	1114.2	1113.5	1111.8	1109.0	1106.9	1103.9	1101.4
C210.0	1102.4	1095.9	1095.9	1094.5	1092.6	1091.1	1088.5	1086.6	1083.5	1080.2
C240.0	1102.4	1096.3	1095.7	1094.8	1093.2	1091.3	1089.0	1086.8	1084.5	1080.5
C270.0	1102.4	1093.2	1092.3	1091.0	1089.9	1087.5	1085.8	1082.4	1080.1	1076.3
C300.0	1102.4	1106.6	1105.5	1104.6	1102.7	1101.3	1099.4	1096.2	1093.1	1090.0
C330.0	1102.4	1098.8	1098.4	1098.2	1095.6	1094.8	1092.4	1090.2	1087.2	1083.3
C360.0	1102.4	1116.4	1115.9	1114.2	1113.5	1111.8	1109.0	1106.9	1103.9	1101.4
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	1098.0	1093.8	1088.5	1084.2	1079.3	1073.1	1067.0	1060.3	1053.1	1045.6
C30.0	1076.7	1072.9	1068.7	1063.9	1057.8	1053.0	1047.1	1041.4	1033.8	1025.8
C60.0	1077.1	1072.7	1067.6	1062.6	1057.0	1051.8	1044.8	1037.7	1030.8	1023.4
C90.0	1072.0	1067.7	1063.1	1057.6	1052.1	1047.4	1040.1	1034.1	1026.9	1019.8
C120.0	1085.6	1081.6	1077.4	1071.9	1066.0	1060.3	1054.8	1048.1	1040.7	1032.8
C150.0	1080.2	1076.3	1071.9	1066.1	1062.1	1056.4	1050.5	1043.9	1037.7	1030.6
C180.0	1098.0	1093.8	1088.5	1084.2	1079.3	1073.1	1067.0	1060.3	1053.1	1045.6
C210.0	1076.7	1072.9	1068.7	1063.9	1057.8	1053.0	1047.1	1041.4	1033.8	1025.8
C240.0	1077.1	1072.7	1067.6	1062.6	1057.0	1051.8	1044.8	1037.7	1030.8	1023.4
C270.0	1072.0	1067.7	1063.1	1057.6	1052.1	1047.4	1040.1	1034.1	1026.9	1019.8
C300.0	1085.6	1081.6	1077.4	1071.9	1066.0	1060.3	1054.8	1048.1	1040.7	1032.8
C330.0	1080.2	1076.3	1071.9	1066.1	1062.1	1056.4	1050.5	1043.9	1037.7	1030.6
C360.0	1098.0	1093.8	1088.5	1084.2	1079.3	1073.1	1067.0	1060.3	1053.1	1045.6
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	1038.8	1030.7	1021.5	1013.3	1004.4	995.9	985.9	975.2	964.5	954.1
C30.0	1018.8	1011.0	1002.5	993.3	984.1	974.5	965.3	955.3	943.3	933.4
C60.0	1016.1	1007.2	999.5	990.2	982.3	971.3	961.8	952.1	941.8	931.1
C90.0	1012.2	1004.2	995.9	986.5	977.3	967.7	958.3	948.4	937.5	926.7
C120.0	1024.9	1017.1	1008.5	999.9	990.7	981.5	971.9	961.2	950.4	939.2
C150.0	1023.2	1015.0	1005.9	997.5	989.2	979.5	968.9	958.8	948.7	938.4
C180.0	1038.8	1030.7	1021.5	1013.3	1004.4	995.9	985.9	975.2	964.5	954.1
C210.0	1018.8	1011.0	1002.5	993.3	984.1	974.5	965.3	955.3	943.3	933.4
C240.0	1016.1	1007.2	999.5	990.2	982.3	971.3	961.8	952.1	941.8	931.1
C270.0	1012.2	1004.2	995.9	986.5	977.3	967.7	958.3	948.4	937.5	926.7
C300.0	1024.9	1017.1	1008.5	999.9	990.7	981.5	971.9	961.2	950.4	939.2
C330.0	1023.2	1015.0	1005.9	997.5	989.2	979.5	968.9	958.8	948.7	938.4
C360.0	1038.8	1030.7	1021.5	1013.3	1004.4	995.9	985.9	975.2	964.5	954.1

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	943.4	931.1	918.9	907.0	894.9	882.9	868.8	855.3	842.8	828.8
C30.0	921.2	910.1	897.4	886.1	873.4	860.4	847.9	835.3	821.9	808.9
C60.0	918.6	908.0	895.8	883.8	870.8	857.8	844.7	830.7	816.7	802.2
C90.0	915.8	905.1	892.1	880.2	867.9	856.6	842.7	829.9	817.2	804.9
C120.0	928.7	916.0	904.3	891.9	879.2	865.8	852.1	839.5	825.0	811.8
C150.0	926.0	914.2	902.6	890.6	878.1	865.8	852.9	840.8	825.9	813.6
C180.0	943.4	931.1	918.9	907.0	894.9	882.9	868.8	855.3	842.8	828.8
C210.0	921.2	910.1	897.4	886.1	873.4	860.4	847.9	835.3	821.9	808.9
C240.0	918.6	908.0	895.8	883.8	870.8	857.8	844.7	830.7	816.7	802.2
C270.0	915.8	905.1	892.1	880.2	867.9	856.6	842.7	829.9	817.2	804.9
C300.0	928.7	916.0	904.3	891.9	879.2	865.8	852.1	839.5	825.0	811.8
C330.0	926.0	914.2	902.6	890.6	878.1	865.8	852.9	840.8	825.9	813.6
C360.0	943.4	931.1	918.9	907.0	894.9	882.9	868.8	855.3	842.8	828.8
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	815.3	801.2	786.6	772.3	758.4	744.0	728.7	714.9	701.0	685.6
C30.0	795.7	779.7	766.3	752.0	737.3	722.3	706.5	692.0	676.7	661.4
C60.0	788.2	773.9	759.5	744.3	729.1	713.4	698.0	682.1	666.2	650.0
C90.0	790.6	775.6	760.7	747.2	733.1	717.6	702.6	687.0	672.2	655.9
C120.0	795.5	781.6	765.8	752.1	735.6	722.1	705.2	688.8	673.4	656.3
C150.0	798.9	785.3	770.9	756.6	743.0	727.6	712.6	699.0	683.5	668.2
C180.0	815.3	801.2	786.6	772.3	758.4	744.0	728.7	714.9	701.0	685.6
C210.0	795.7	779.7	766.3	752.0	737.3	722.3	706.5	692.0	676.7	661.4
C240.0	788.2	773.9	759.5	744.3	729.1	713.4	698.0	682.1	666.2	650.0
C270.0	790.6	775.6	760.7	747.2	733.1	717.6	702.6	687.0	672.2	655.9
C300.0	795.5	781.6	765.8	752.1	735.6	722.1	705.2	688.8	673.4	656.3
C330.0	798.9	785.3	770.9	756.6	743.0	727.6	712.6	699.0	683.5	668.2
C360.0	815.3	801.2	786.6	772.3	758.4	744.0	728.7	714.9	701.0	685.6
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	672.2	657.2	643.5	629.9	614.9	600.9	587.1	573.7	559.1	546.0
C30.0	644.9	629.8	614.9	599.3	584.5	569.0	554.2	540.3	526.6	510.8
C60.0	634.2	618.2	601.4	584.0	567.8	551.0	533.5	515.9	498.3	481.4
C90.0	639.5	623.6	607.8	591.6	574.2	556.8	540.3	523.9	507.0	489.1
C120.0	641.6	624.3	608.0	591.8	573.5	556.6	539.3	528.1	512.7	495.7
C150.0	653.5	637.6	623.0	608.5	592.1	577.7	563.6	548.9	534.7	520.4
C180.0	672.2	657.2	643.5	629.9	614.9	600.9	587.1	573.7	559.1	546.0
C210.0	644.9	629.8	614.9	599.3	584.5	569.0	554.2	540.3	526.6	510.8
C240.0	634.2	618.2	601.4	584.0	567.8	551.0	533.5	515.9	498.3	481.4
C270.0	639.5	623.6	607.8	591.6	574.2	556.8	540.3	523.9	507.0	489.1
C300.0	641.6	624.3	608.0	591.8	573.5	556.6	539.3	528.1	512.7	495.7
C330.0	653.5	637.6	623.0	608.5	592.1	577.7	563.6	548.9	534.7	520.4
C360.0	672.2	657.2	643.5	629.9	614.9	600.9	587.1	573.7	559.1	546.0

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	535.0	526.3	513.6	500.3	487.6	474.1	461.6	448.9	436.7	424.4
C30.0	497.2	483.2	469.3	455.2	441.5	427.7	414.8	402.4	388.8	375.8
C60.0	464.5	445.8	428.3	411.4	394.3	376.1	358.6	342.1	325.2	309.3
C90.0	472.0	455.1	438.2	419.9	401.3	384.3	367.0	348.8	330.5	313.4
C120.0	477.1	460.7	442.1	424.8	407.5	391.1	373.8	356.4	339.8	323.9
C150.0	506.6	492.9	479.9	466.8	453.2	440.7	428.4	415.3	403.1	390.4
C180.0	535.0	526.3	513.6	500.3	487.6	474.1	461.6	448.9	436.7	424.4
C210.0	497.2	483.2	469.3	455.2	441.5	427.7	414.8	402.4	388.8	375.8
C240.0	464.5	445.8	428.3	411.4	394.3	376.1	358.6	342.1	325.2	309.3
C270.0	472.0	455.1	438.2	419.9	401.3	384.3	367.0	348.8	330.5	313.4
C300.0	477.1	460.7	442.1	424.8	407.5	391.1	373.8	356.4	339.8	323.9
C330.0	506.6	492.9	479.9	466.8	453.2	440.7	428.4	415.3	403.1	390.4
C360.0	535.0	526.3	513.6	500.3	487.6	474.1	461.6	448.9	436.7	424.4
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	412.8	399.6	388.5	376.7	364.3	353.7	341.7	329.7	319.0	307.8
C30.0	364.3	351.6	338.5	327.0	314.1	301.5	290.3	278.2	266.5	255.6
C60.0	292.8	277.5	262.5	247.7	234.1	220.4	206.7	194.7	182.3	170.7
C90.0	295.4	277.6	259.2	241.7	223.9	207.1	189.9	173.0	157.7	140.7
C120.0	308.5	293.6	279.0	264.8	251.1	237.8	224.7	212.2	199.2	187.4
C150.0	377.8	365.8	353.2	341.5	329.8	317.5	307.6	295.4	285.2	273.6
C180.0	412.8	399.6	388.5	376.7	364.3	353.7	341.7	329.7	319.0	307.8
C210.0	364.3	351.6	338.5	327.0	314.1	301.5	290.3	278.2	266.5	255.6
C240.0	292.8	277.5	262.5	247.7	234.1	220.4	206.7	194.7	182.3	170.7
C270.0	295.4	277.6	259.2	241.7	223.9	207.1	189.9	173.0	157.7	140.7
C300.0	308.5	293.6	279.0	264.8	251.1	237.8	224.7	212.2	199.2	187.4
C330.0	377.8	365.8	353.2	341.5	329.8	317.5	307.6	295.4	285.2	273.6
C360.0	412.8	399.6	388.5	376.7	364.3	353.7	341.7	329.7	319.0	307.8
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	296.4	285.5	274.8	264.3	253.9	243.2	232.7	223.4	218.0	213.7
C30.0	243.9	235.3	228.4	218.1	208.7	198.7	189.9	184.7	180.4	175.6
C60.0	159.7	148.2	137.1	126.4	116.9	107.7	99.2	90.4	88.1	85.1
C90.0	126.7	112.5	99.5	87.0	75.1	63.9	53.2	44.9	37.1	30.2
C120.0	176.0	165.0	154.8	144.0	133.9	123.7	115.0	110.0	105.9	102.4
C150.0	263.4	253.0	242.9	232.2	222.4	212.5	202.7	193.0	188.1	184.5
C180.0	296.4	285.5	274.8	264.3	253.9	243.2	232.7	223.4	218.0	213.7
C210.0	243.9	235.3	228.4	218.1	208.7	198.7	189.9	184.7	180.4	175.6
C240.0	159.7	148.2	137.1	126.4	116.9	107.7	99.2	90.4	88.1	85.1
C270.0	126.7	112.5	99.5	87.0	75.1	63.9	53.2	44.9	37.1	30.2
C300.0	176.0	165.0	154.8	144.0	133.9	123.7	115.0	110.0	105.9	102.4
C330.0	263.4	253.0	242.9	232.2	222.4	212.5	202.7	193.0	188.1	184.5
C360.0	296.4	285.5	274.8	264.3	253.9	243.2	232.7	223.4	218.0	213.7

Light intensity data Unit[cd]

C\G	G90.0									
C0.0	209.2									
C30.0	170.6									
C60.0	80.6									
C90.0	23.9									
C120.0	99.2									
C150.0	178.9									
C180.0	209.2									
C210.0	170.6									
C240.0	80.6									
C270.0	23.9									
C300.0	99.2									
C330.0	178.9									
C360.0	209.2									

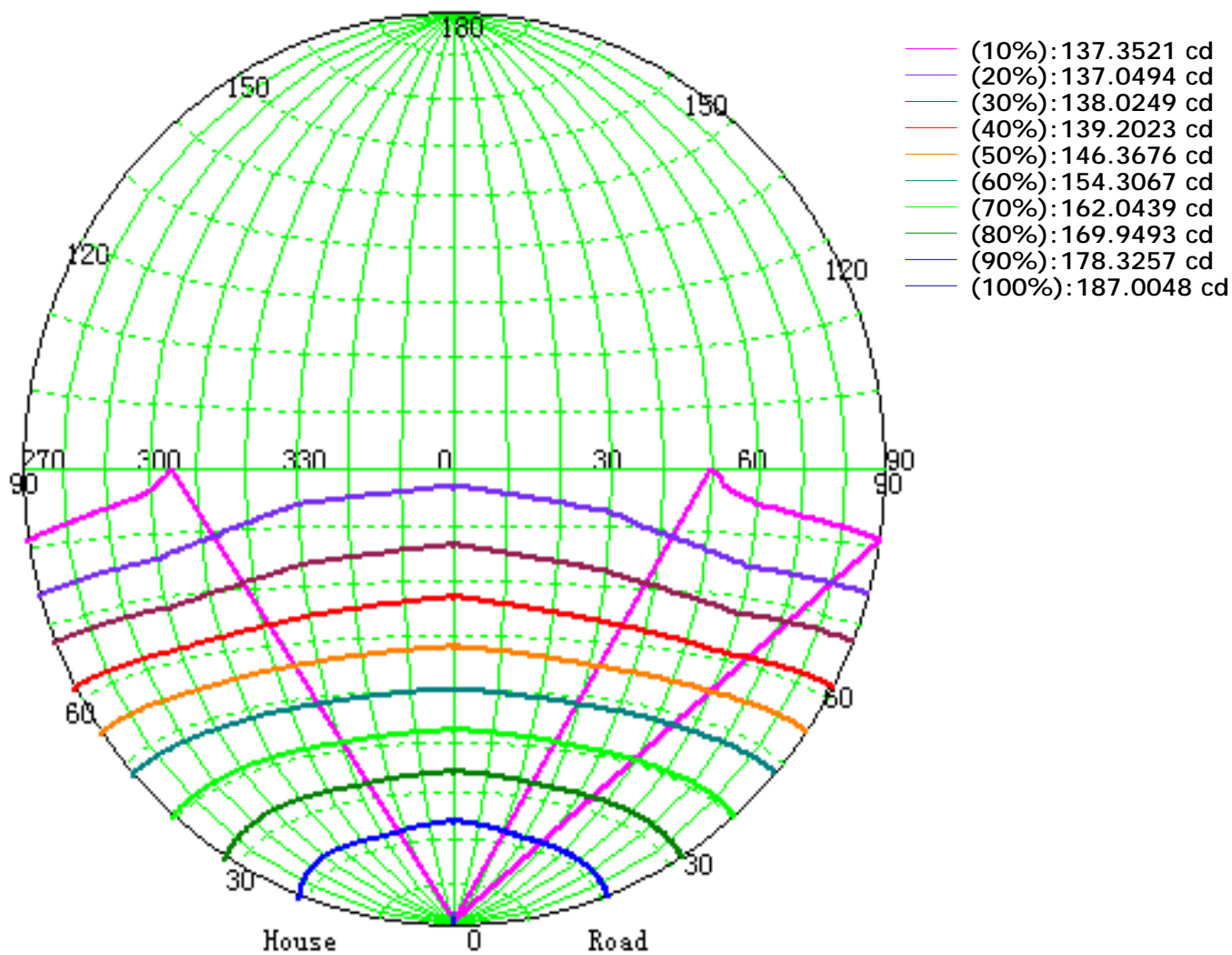
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	1102.37	0.00	0.00	0.00	0.00
0.0-1.0	1101.21	1.05	1.05	0.03	0.03
1.0-2.0	1100.61	3.16	4.21	0.09	0.13
2.0-3.0	1099.55	5.26	9.48	0.16	0.28
3.0-4.0	1097.93	7.36	16.83	0.22	0.50
4.0-5.0	1096.30	9.44	26.27	0.28	0.79
5.0-6.0	1094.03	11.51	37.78	0.34	1.13
6.0-7.0	1091.52	13.57	51.35	0.41	1.54
7.0-8.0	1088.72	15.60	66.95	0.47	2.00
8.0-9.0	1085.29	17.62	84.57	0.53	2.53
9.0-10.0	1081.59	19.61	104.18	0.59	3.12
10.0-11.0	1077.52	21.57	125.75	0.65	3.76
11.0-12.0	1072.84	23.51	149.26	0.70	4.47
12.0-13.0	1067.71	25.40	174.66	0.76	5.23
13.0-14.0	1062.37	27.26	201.93	0.82	6.04
14.0-15.0	1057.01	29.10	231.02	0.87	6.92
15.0-16.0	1050.70	30.88	261.91	0.92	7.84
16.0-17.0	1044.23	32.62	294.53	0.98	8.82
17.0-18.0	1037.17	34.32	328.85	1.03	9.84
18.0-19.0	1029.67	35.96	364.81	1.08	10.92
19.0-20.0	1022.31	37.56	402.37	1.12	12.04
20.0-21.0	1014.19	39.11	441.47	1.17	13.21
21.0-22.0	1005.64	40.59	482.06	1.21	14.43
22.0-23.0	996.80	42.02	524.08	1.26	15.69
23.0-24.0	987.98	43.39	567.47	1.30	16.99
24.0-25.0	978.39	44.71	612.18	1.34	18.32
25.0-26.0	968.67	45.96	658.14	1.38	19.70
26.0-27.0	958.52	47.15	705.29	1.41	21.11
27.0-28.0	947.70	48.26	753.55	1.44	22.56
28.0-29.0	937.13	49.31	802.87	1.48	24.03
29.0-30.0	925.61	50.29	853.16	1.51	25.54
30.0-31.0	914.07	51.20	904.35	1.53	27.07
31.0-32.0	901.86	52.02	956.38	1.56	28.63
32.0-33.0	889.93	52.79	1009.17	1.58	30.21
33.0-34.0	877.40	53.48	1062.65	1.60	31.81
34.0-35.0	864.89	54.11	1116.76	1.62	33.43
35.0-36.0	851.53	54.65	1171.41	1.64	35.06
36.0-37.0	838.60	55.12	1226.53	1.65	36.71
37.0-38.0	824.91	55.53	1282.06	1.66	38.38
38.0-39.0	811.72	55.86	1337.92	1.67	40.05
39.0-40.0	797.36	56.12	1394.04	1.68	41.73

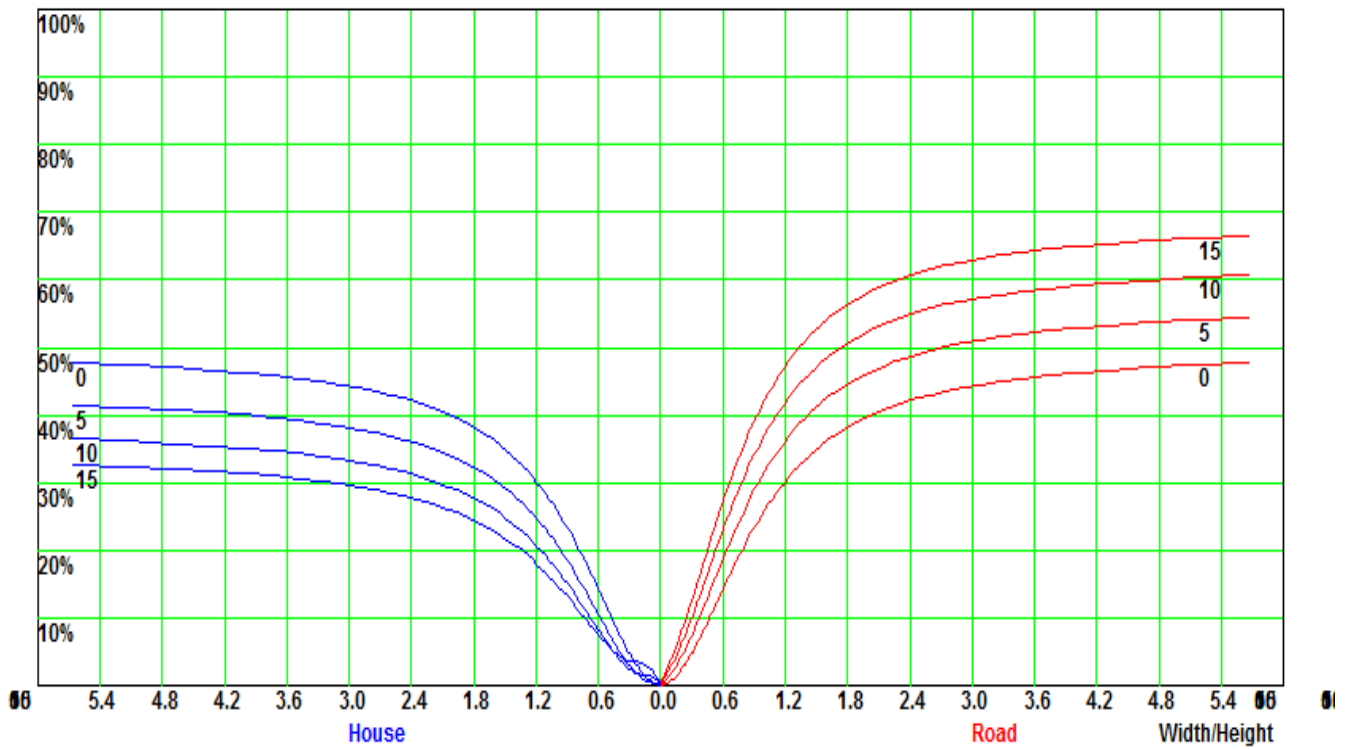
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	782.88	56.27	1450.31	1.68	43.41
41.0-42.0	768.30	56.36	1506.67	1.69	45.10
42.0-43.0	754.08	56.39	1563.06	1.69	46.79
43.0-44.0	739.44	56.37	1619.43	1.69	48.48
44.0-45.0	724.48	56.26	1675.69	1.68	50.16
45.0-46.0	708.94	56.06	1731.75	1.68	51.84
46.0-47.0	693.97	55.80	1787.55	1.67	53.51
47.0-48.0	678.84	55.50	1843.05	1.66	55.17
48.0-49.0	662.90	55.10	1898.15	1.65	56.82
49.0-50.0	647.65	54.64	1952.79	1.64	58.45
50.0-51.0	631.80	54.13	2006.92	1.62	60.07
51.0-52.0	616.45	53.56	2060.48	1.60	61.68
52.0-53.0	600.84	52.95	2113.43	1.59	63.26
53.0-54.0	584.51	52.25	2165.68	1.56	64.83
54.0-55.0	568.67	51.48	2217.15	1.54	66.37
55.0-56.0	552.98	50.68	2267.84	1.52	67.88
56.0-57.0	538.44	49.90	2317.74	1.49	69.38
57.0-58.0	523.06	49.09	2366.83	1.47	70.85
58.0-59.0	507.23	48.17	2414.99	1.44	72.29
59.0-60.0	492.07	47.21	2462.20	1.41	73.70
60.0-61.0	477.34	46.26	2508.47	1.38	75.09
61.0-62.0	461.89	45.26	2553.72	1.35	76.44
62.0-63.0	446.39	44.17	2597.90	1.32	77.76
63.0-64.0	430.89	43.05	2640.94	1.29	79.05
64.0-65.0	415.67	41.90	2682.84	1.25	80.31
65.0-66.0	400.71	40.73	2723.57	1.22	81.53
66.0-67.0	385.66	39.54	2763.11	1.18	82.71
67.0-68.0	370.68	38.31	2801.43	1.15	83.86
68.0-69.0	356.20	37.08	2838.51	1.11	84.97
69.0-70.0	341.93	35.85	2874.36	1.07	86.04
70.0-71.0	327.62	34.61	2908.97	1.04	87.08
71.0-72.0	313.48	33.34	2942.31	1.00	88.07
72.0-73.0	299.89	32.07	2974.38	0.96	89.03
73.0-74.0	286.24	30.81	3005.19	0.92	89.96
74.0-75.0	272.99	29.55	3034.74	0.88	90.84
75.0-76.0	260.15	28.30	3063.04	0.85	91.69
76.0-77.0	247.19	27.05	3090.09	0.81	92.50
77.0-78.0	234.99	25.81	3115.90	0.77	93.27
78.0-79.0	222.65	24.59	3140.49	0.74	94.01
79.0-80.0	211.01	23.38	3163.87	0.70	94.71
80.0-81.0	199.90	22.22	3186.09	0.67	95.37

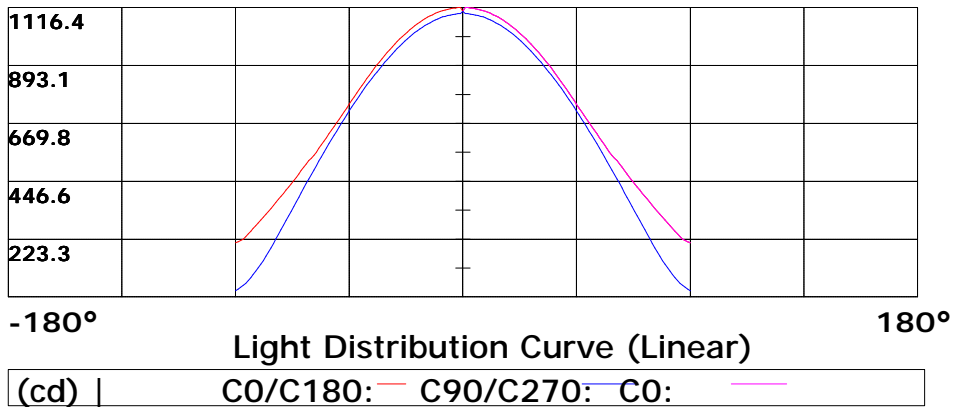
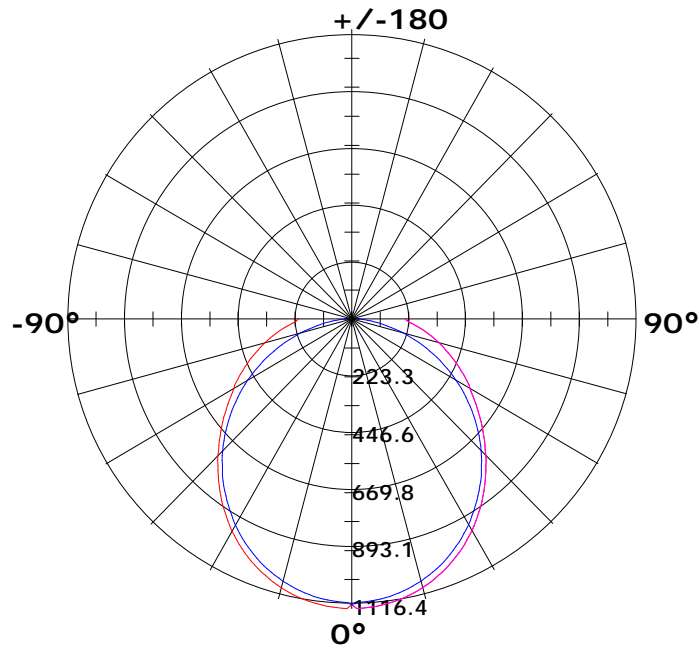
Iso-Candela [cd]

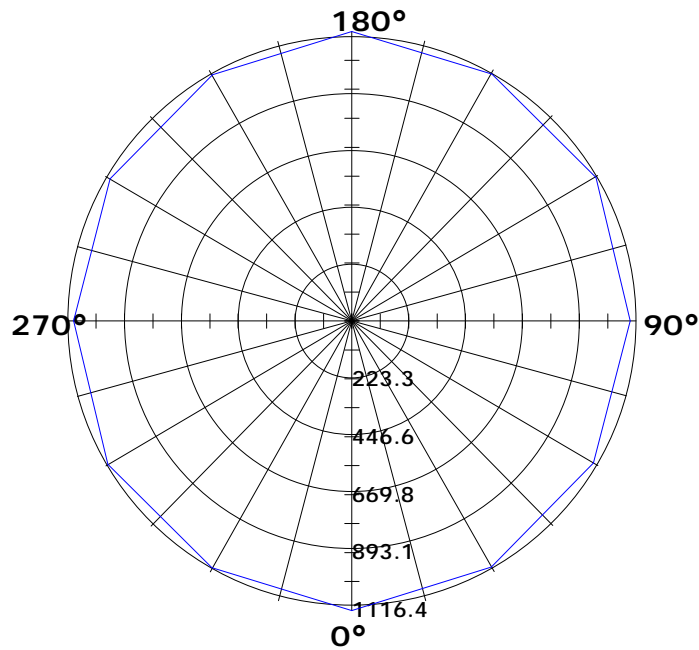


Coefficient Utilization Curve



Light Distribution Curve [Unit: cd]



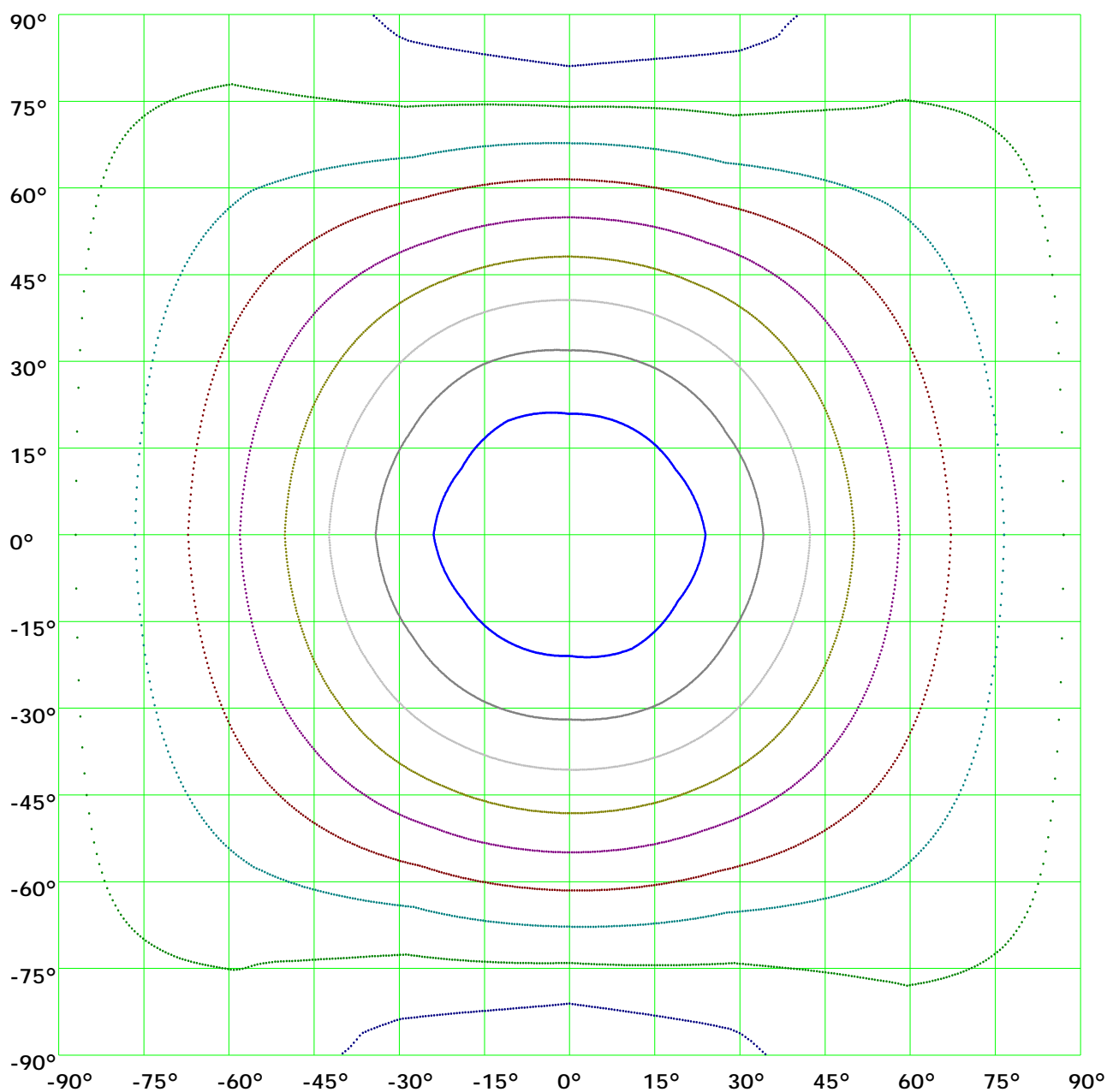


1116.4							
893.1							
669.8							
446.6							
223.3							

-180° Light Distribution Curve (Linear) 180°

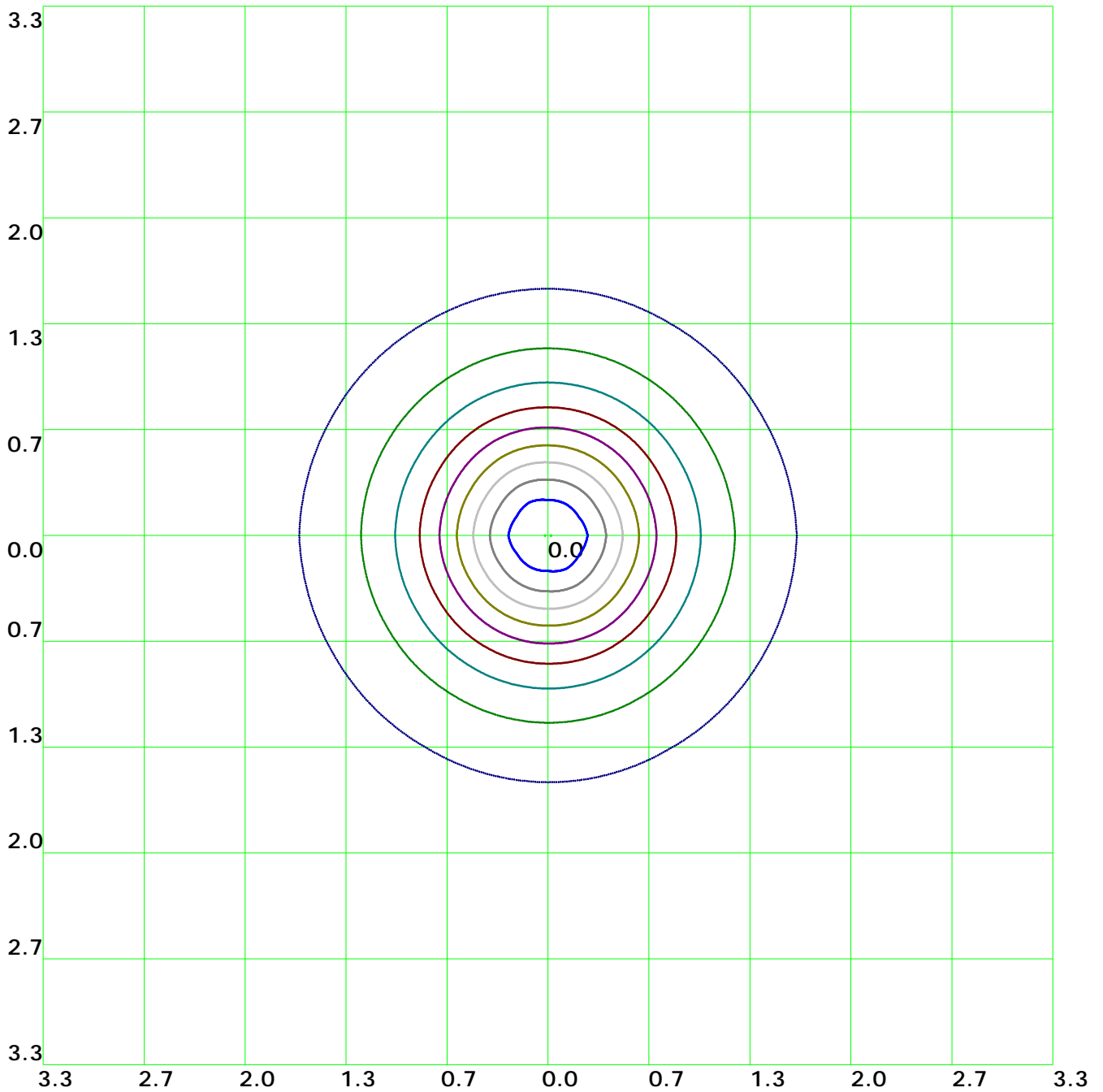
(cd) | γ1: —

Isocandela(rectangle)



— (10%): 111.6cd	— (20%): 223.3cd	— (30%): 334.9cd	— (40%): 446.6cd
— (50%): 558.2cd	— (60%): 669.8cd	— (70%): 781.5cd	— (80%): 893.1cd
— (90%): 1004.8cd	— (100%): 1116.4cd		

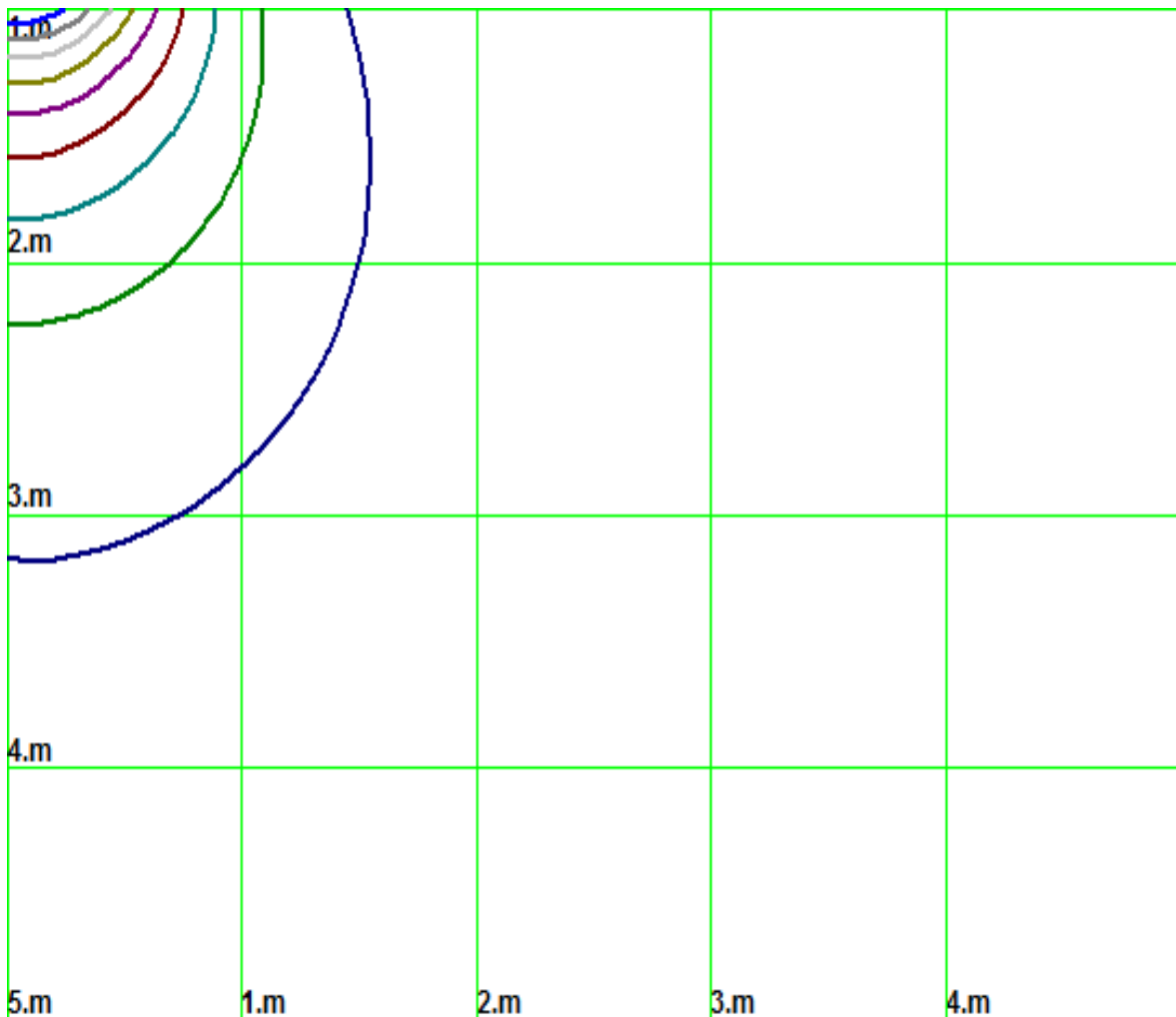
Isolx curve



Height: 1 m

- | | | | |
|-------------------|--------------------|------------------|------------------|
| — (10%): 111.6lx | — (20%): 223.3lx | — (30%): 334.9lx | — (40%): 446.6lx |
| — (50%): 558.2lx | — (60%): 669.9lx | — (70%): 781.5lx | — (80%): 893.1lx |
| — (90%): 1004.8lx | — (100%): 1115.3lx | | |

Space Isolx Curve



- | | | | |
|-------------------|--------------------|------------------|------------------|
| — (10%): 111.6lx | — (20%): 223.3lx | — (30%): 334.9lx | — (40%): 446.6lx |
| — (50%): 558.2lx | — (60%): 669.9lx | — (70%): 781.5lx | — (80%): 893.1lx |
| — (90%): 1004.8lx | — (100%): 1115.3lx | | |

Luminance Limiting Curve

Diameter: 0mm

Length: 0mm

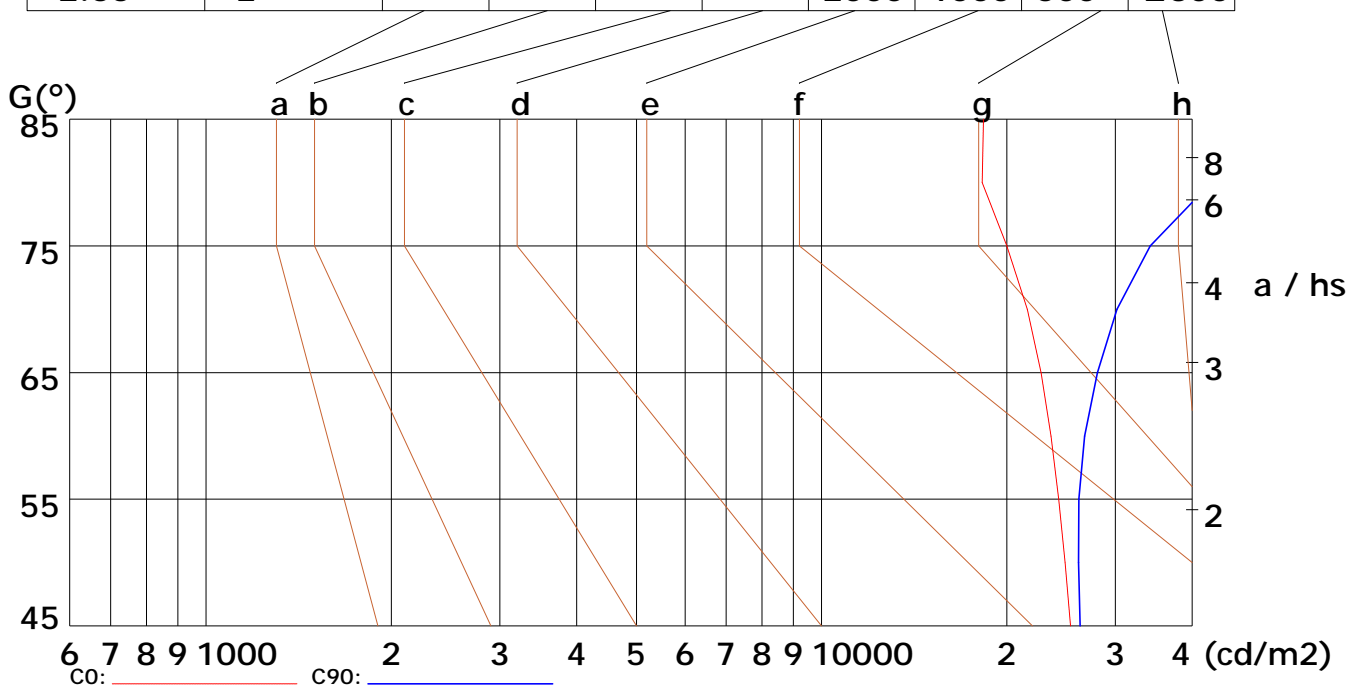
Width: 0mm

Height: 0mm

(cd/m²)

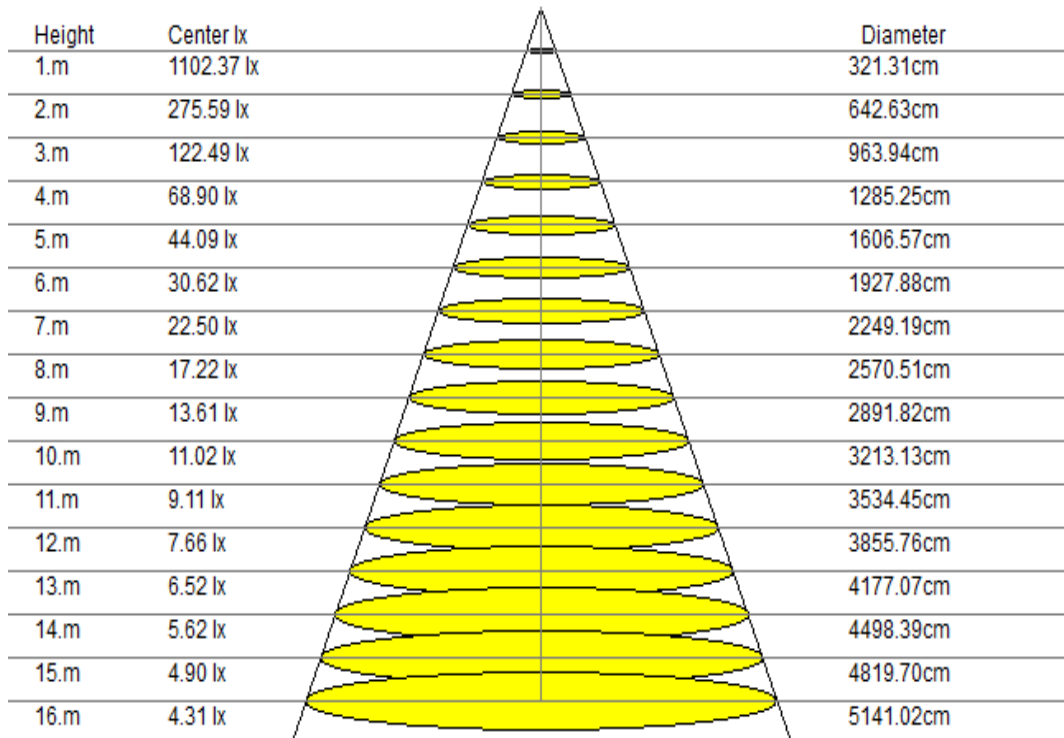
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	25371	24873	24271	23599	22731	21592	20002	18242	18319
C90	26303	26144	26190	26751	28046	30175	34166	42670	69755

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

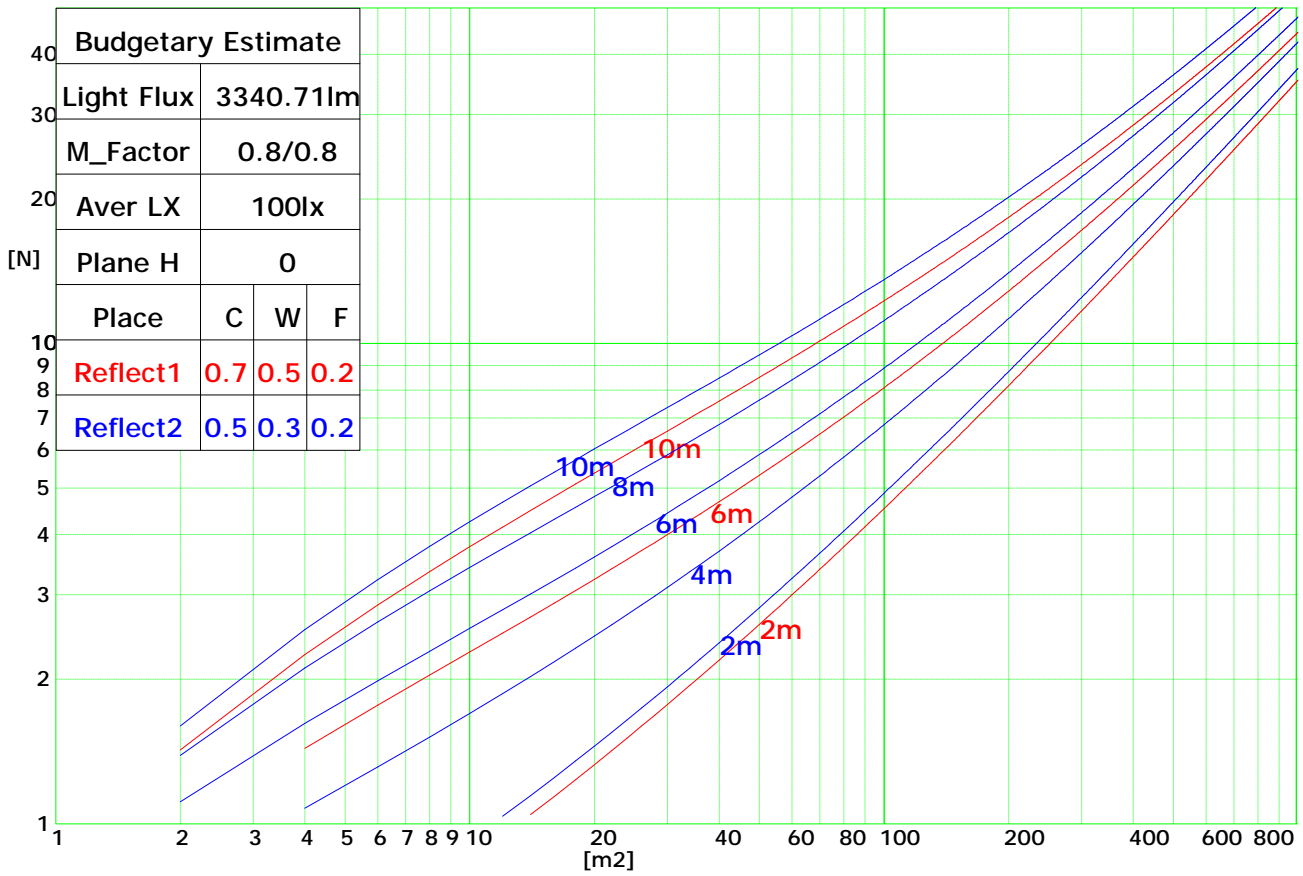


Beam Angle: 116.20° (50%Imax)

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	1.01	0.99	0.97	1.00	0.97	0.95	0.96	0.94	0.92	0.92	0.89	0.87	0.86	0.83	0.80	0.75
2	0.85	0.82	0.80	0.84	0.81	0.78	0.82	0.78	0.75	0.79	0.75	0.71	0.75	0.71	0.67	0.62
3	0.72	0.69	0.67	0.72	0.68	0.65	0.71	0.66	0.63	0.69	0.64	0.60	0.66	0.61	0.56	0.52
4	0.62	0.59	0.57	0.62	0.58	0.55	0.62	0.57	0.53	0.61	0.55	0.51	0.59	0.53	0.48	0.44
5	0.54	0.51	0.49	0.55	0.51	0.48	0.55	0.50	0.46	0.55	0.49	0.44	0.54	0.47	0.42	0.38
6	0.47	0.44	0.43	0.48	0.44	0.42	0.49	0.44	0.40	0.49	0.43	0.38	0.49	0.42	0.37	0.33
7	0.42	0.39	0.38	0.43	0.39	0.37	0.44	0.39	0.36	0.45	0.39	0.34	0.45	0.38	0.32	0.29
8	0.38	0.35	0.34	0.39	0.35	0.33	0.40	0.35	0.32	0.41	0.35	0.30	0.41	0.34	0.29	0.26
9	0.34	0.32	0.30	0.35	0.32	0.30	0.37	0.32	0.29	0.38	0.32	0.27	0.38	0.31	0.26	0.23
10	0.31	0.29	0.27	0.32	0.29	0.27	0.34	0.29	0.26	0.35	0.29	0.25	0.36	0.29	0.24	0.21

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	15.9	15.1	15.9	16.3	14.7	15.9	14.9	15.9	16.3
	3H	16.2	17.4	16.7	17.7	18.0	16.2	17.4	16.5	17.9	18.0
	4H	16.9	18.1	17.4	18.6	18.7	17.0	18.0	17.3	18.6	18.8
	6H	17.5	18.5	18.0	18.9	19.0	17.3	18.3	17.8	18.8	19.1
	8H	17.9	18.9	18.2	18.9	19.3	17.8	18.7	18.0	19.0	19.3
4H	12H	18.0	18.8	18.2	19.3	19.5	17.8	18.6	18.0	19.2	19.5
	2H	15.6	16.6	15.9	16.9	17.1	15.6	16.6	15.8	16.8	17.0
	3H	17.5	18.4	17.8	18.3	18.7	17.3	18.2	17.5	18.4	18.8
	4H	18.2	19.0	18.5	19.1	19.5	18.0	18.9	18.4	19.2	19.5
	6H	18.8	19.5	19.2	19.8	20.1	18.8	19.4	19.0	19.7	20.1
8H	8H	19.0	19.8	19.5	19.9	20.4	19.0	19.6	19.2	19.9	20.3
	12H	19.3	19.9	19.7	20.2	20.4	19.2	19.7	19.6	20.2	20.5
	4H	18.6	19.2	18.8	19.4	19.9	18.4	19.0	18.8	19.4	19.8
	6H	19.4	19.8	19.7	20.2	20.7	19.2	19.9	19.7	20.2	20.6
	8H	19.8	20.2	20.1	20.5	20.9	19.6	20.0	20.0	20.5	20.9
12H	12H	19.9	20.5	20.4	20.7	21.3	19.9	20.4	20.2	20.7	21.1
	4H	18.6	19.1	18.9	19.5	19.9	18.4	19.0	18.8	19.6	19.9
	6H	19.6	20.0	19.9	20.2	20.6	19.3	19.8	19.8	20.2	20.7
	8H	19.9	20.4	20.3	20.7	21.1	19.9	20.3	20.2	20.6	21.1

灯具参数

灯具型号: BL70-IP20-50W-4000K-3#
 灯具种类:
 光源种类:
 光源型号:
 光源个数:
 光源光通(lm): 3340.71
 发光面长度(m): 0.0
 发光面宽度(m): 0.0
 发光面高度(m): 0.0

电压: 219.5 V
 电流: 0.184 A
 功率: 38.31 W
 功率因数: 0.947
 测试实验室: HuiPu-lab
 测量模式: Type C
 制造商:

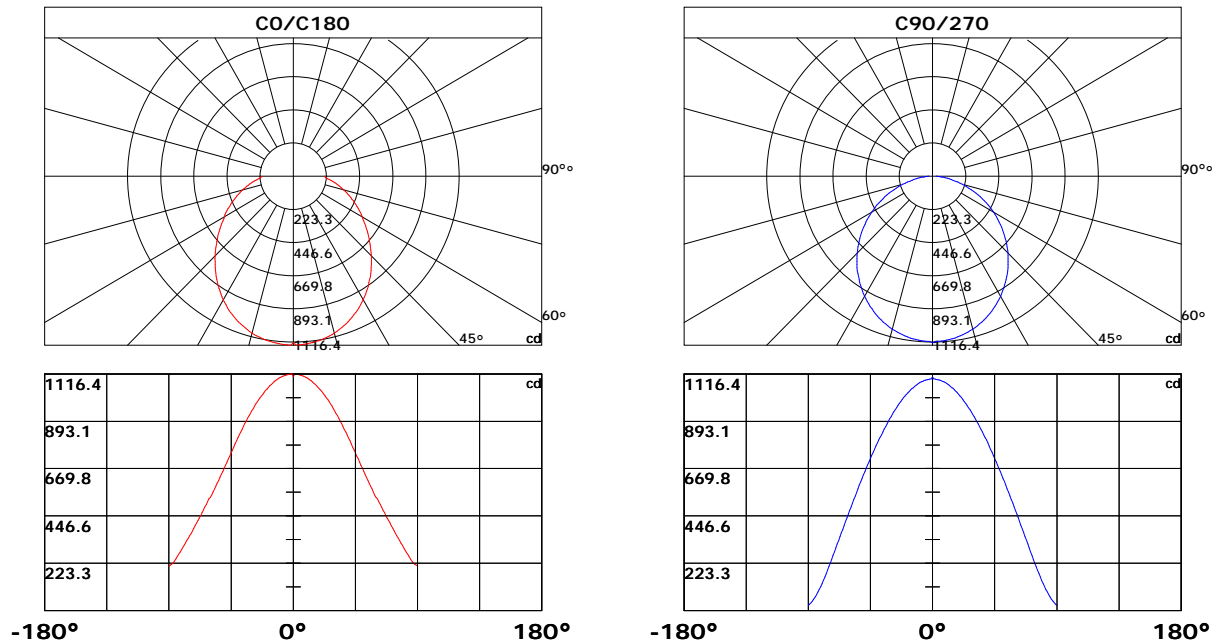
光度结果

CIE 分类: 直接型

有效光通量: 3320.46 lm
 发光效率: 87.202 lm/W
 中心光强: 1102.372cd
 最大光强: 1116.411cd
 有效光束角 C0/C180,C90/270: 31.85, 86.87

最大光强角度: C:0.0 G:1.0

半峰边角 C0/C180,C90/270: 114.83, 111.26
 灯具效率: 100.00%
 上射光通比: 0.0%
 下射光通比: 100.0%



光强分布数据表格 单位[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	1102.4	1116.4	1115.9	1114.2	1113.5	1111.8	1109.0	1106.9	1103.9	1101.4
C30.0	1102.4	1095.9	1095.9	1094.5	1092.6	1091.1	1088.5	1086.6	1083.5	1080.2
C60.0	1102.4	1096.3	1095.7	1094.8	1093.2	1091.3	1089.0	1086.8	1084.5	1080.5
C90.0	1102.4	1093.2	1092.3	1091.0	1089.9	1087.5	1085.8	1082.4	1080.1	1076.3
C120.0	1102.4	1106.6	1105.5	1104.6	1102.7	1101.3	1099.4	1096.2	1093.1	1090.0
C150.0	1102.4	1098.8	1098.4	1098.2	1095.6	1094.8	1092.4	1090.2	1087.2	1083.3
C180.0	1102.4	1116.4	1115.9	1114.2	1113.5	1111.8	1109.0	1106.9	1103.9	1101.4
C210.0	1102.4	1095.9	1095.9	1094.5	1092.6	1091.1	1088.5	1086.6	1083.5	1080.2
C240.0	1102.4	1096.3	1095.7	1094.8	1093.2	1091.3	1089.0	1086.8	1084.5	1080.5
C270.0	1102.4	1093.2	1092.3	1091.0	1089.9	1087.5	1085.8	1082.4	1080.1	1076.3
C300.0	1102.4	1106.6	1105.5	1104.6	1102.7	1101.3	1099.4	1096.2	1093.1	1090.0
C330.0	1102.4	1098.8	1098.4	1098.2	1095.6	1094.8	1092.4	1090.2	1087.2	1083.3
C360.0	1102.4	1116.4	1115.9	1114.2	1113.5	1111.8	1109.0	1106.9	1103.9	1101.4
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	1098.0	1093.8	1088.5	1084.2	1079.3	1073.1	1067.0	1060.3	1053.1	1045.6
C30.0	1076.7	1072.9	1068.7	1063.9	1057.8	1053.0	1047.1	1041.4	1033.8	1025.8
C60.0	1077.1	1072.7	1067.6	1062.6	1057.0	1051.8	1044.8	1037.7	1030.8	1023.4
C90.0	1072.0	1067.7	1063.1	1057.6	1052.1	1047.4	1040.1	1034.1	1026.9	1019.8
C120.0	1085.6	1081.6	1077.4	1071.9	1066.0	1060.3	1054.8	1048.1	1040.7	1032.8
C150.0	1080.2	1076.3	1071.9	1066.1	1062.1	1056.4	1050.5	1043.9	1037.7	1030.6
C180.0	1098.0	1093.8	1088.5	1084.2	1079.3	1073.1	1067.0	1060.3	1053.1	1045.6
C210.0	1076.7	1072.9	1068.7	1063.9	1057.8	1053.0	1047.1	1041.4	1033.8	1025.8
C240.0	1077.1	1072.7	1067.6	1062.6	1057.0	1051.8	1044.8	1037.7	1030.8	1023.4
C270.0	1072.0	1067.7	1063.1	1057.6	1052.1	1047.4	1040.1	1034.1	1026.9	1019.8
C300.0	1085.6	1081.6	1077.4	1071.9	1066.0	1060.3	1054.8	1048.1	1040.7	1032.8
C330.0	1080.2	1076.3	1071.9	1066.1	1062.1	1056.4	1050.5	1043.9	1037.7	1030.6
C360.0	1098.0	1093.8	1088.5	1084.2	1079.3	1073.1	1067.0	1060.3	1053.1	1045.6
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	1038.8	1030.7	1021.5	1013.3	1004.4	995.9	985.9	975.2	964.5	954.1
C30.0	1018.8	1011.0	1002.5	993.3	984.1	974.5	965.3	955.3	943.3	933.4
C60.0	1016.1	1007.2	999.5	990.2	982.3	971.3	961.8	952.1	941.8	931.1
C90.0	1012.2	1004.2	995.9	986.5	977.3	967.7	958.3	948.4	937.5	926.7
C120.0	1024.9	1017.1	1008.5	999.9	990.7	981.5	971.9	961.2	950.4	939.2
C150.0	1023.2	1015.0	1005.9	997.5	989.2	979.5	968.9	958.8	948.7	938.4
C180.0	1038.8	1030.7	1021.5	1013.3	1004.4	995.9	985.9	975.2	964.5	954.1
C210.0	1018.8	1011.0	1002.5	993.3	984.1	974.5	965.3	955.3	943.3	933.4
C240.0	1016.1	1007.2	999.5	990.2	982.3	971.3	961.8	952.1	941.8	931.1
C270.0	1012.2	1004.2	995.9	986.5	977.3	967.7	958.3	948.4	937.5	926.7
C300.0	1024.9	1017.1	1008.5	999.9	990.7	981.5	971.9	961.2	950.4	939.2
C330.0	1023.2	1015.0	1005.9	997.5	989.2	979.5	968.9	958.8	948.7	938.4
C360.0	1038.8	1030.7	1021.5	1013.3	1004.4	995.9	985.9	975.2	964.5	954.1

光强分布数据表格 单位[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	943.4	931.1	918.9	907.0	894.9	882.9	868.8	855.3	842.8	828.8
C30.0	921.2	910.1	897.4	886.1	873.4	860.4	847.9	835.3	821.9	808.9
C60.0	918.6	908.0	895.8	883.8	870.8	857.8	844.7	830.7	816.7	802.2
C90.0	915.8	905.1	892.1	880.2	867.9	856.6	842.7	829.9	817.2	804.9
C120.0	928.7	916.0	904.3	891.9	879.2	865.8	852.1	839.5	825.0	811.8
C150.0	926.0	914.2	902.6	890.6	878.1	865.8	852.9	840.8	825.9	813.6
C180.0	943.4	931.1	918.9	907.0	894.9	882.9	868.8	855.3	842.8	828.8
C210.0	921.2	910.1	897.4	886.1	873.4	860.4	847.9	835.3	821.9	808.9
C240.0	918.6	908.0	895.8	883.8	870.8	857.8	844.7	830.7	816.7	802.2
C270.0	915.8	905.1	892.1	880.2	867.9	856.6	842.7	829.9	817.2	804.9
C300.0	928.7	916.0	904.3	891.9	879.2	865.8	852.1	839.5	825.0	811.8
C330.0	926.0	914.2	902.6	890.6	878.1	865.8	852.9	840.8	825.9	813.6
C360.0	943.4	931.1	918.9	907.0	894.9	882.9	868.8	855.3	842.8	828.8
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	815.3	801.2	786.6	772.3	758.4	744.0	728.7	714.9	701.0	685.6
C30.0	795.7	779.7	766.3	752.0	737.3	722.3	706.5	692.0	676.7	661.4
C60.0	788.2	773.9	759.5	744.3	729.1	713.4	698.0	682.1	666.2	650.0
C90.0	790.6	775.6	760.7	747.2	733.1	717.6	702.6	687.0	672.2	655.9
C120.0	795.5	781.6	765.8	752.1	735.6	722.1	705.2	688.8	673.4	656.3
C150.0	798.9	785.3	770.9	756.6	743.0	727.6	712.6	699.0	683.5	668.2
C180.0	815.3	801.2	786.6	772.3	758.4	744.0	728.7	714.9	701.0	685.6
C210.0	795.7	779.7	766.3	752.0	737.3	722.3	706.5	692.0	676.7	661.4
C240.0	788.2	773.9	759.5	744.3	729.1	713.4	698.0	682.1	666.2	650.0
C270.0	790.6	775.6	760.7	747.2	733.1	717.6	702.6	687.0	672.2	655.9
C300.0	795.5	781.6	765.8	752.1	735.6	722.1	705.2	688.8	673.4	656.3
C330.0	798.9	785.3	770.9	756.6	743.0	727.6	712.6	699.0	683.5	668.2
C360.0	815.3	801.2	786.6	772.3	758.4	744.0	728.7	714.9	701.0	685.6
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	672.2	657.2	643.5	629.9	614.9	600.9	587.1	573.7	559.1	546.0
C30.0	644.9	629.8	614.9	599.3	584.5	569.0	554.2	540.3	526.6	510.8
C60.0	634.2	618.2	601.4	584.0	567.8	551.0	533.5	515.9	498.3	481.4
C90.0	639.5	623.6	607.8	591.6	574.2	556.8	540.3	523.9	507.0	489.1
C120.0	641.6	624.3	608.0	591.8	573.5	556.6	539.3	528.1	512.7	495.7
C150.0	653.5	637.6	623.0	608.5	592.1	577.7	563.6	548.9	534.7	520.4
C180.0	672.2	657.2	643.5	629.9	614.9	600.9	587.1	573.7	559.1	546.0
C210.0	644.9	629.8	614.9	599.3	584.5	569.0	554.2	540.3	526.6	510.8
C240.0	634.2	618.2	601.4	584.0	567.8	551.0	533.5	515.9	498.3	481.4
C270.0	639.5	623.6	607.8	591.6	574.2	556.8	540.3	523.9	507.0	489.1
C300.0	641.6	624.3	608.0	591.8	573.5	556.6	539.3	528.1	512.7	495.7
C330.0	653.5	637.6	623.0	608.5	592.1	577.7	563.6	548.9	534.7	520.4
C360.0	672.2	657.2	643.5	629.9	614.9	600.9	587.1	573.7	559.1	546.0

光强分布数据表格 单位[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	535.0	526.3	513.6	500.3	487.6	474.1	461.6	448.9	436.7	424.4
C30.0	497.2	483.2	469.3	455.2	441.5	427.7	414.8	402.4	388.8	375.8
C60.0	464.5	445.8	428.3	411.4	394.3	376.1	358.6	342.1	325.2	309.3
C90.0	472.0	455.1	438.2	419.9	401.3	384.3	367.0	348.8	330.5	313.4
C120.0	477.1	460.7	442.1	424.8	407.5	391.1	373.8	356.4	339.8	323.9
C150.0	506.6	492.9	479.9	466.8	453.2	440.7	428.4	415.3	403.1	390.4
C180.0	535.0	526.3	513.6	500.3	487.6	474.1	461.6	448.9	436.7	424.4
C210.0	497.2	483.2	469.3	455.2	441.5	427.7	414.8	402.4	388.8	375.8
C240.0	464.5	445.8	428.3	411.4	394.3	376.1	358.6	342.1	325.2	309.3
C270.0	472.0	455.1	438.2	419.9	401.3	384.3	367.0	348.8	330.5	313.4
C300.0	477.1	460.7	442.1	424.8	407.5	391.1	373.8	356.4	339.8	323.9
C330.0	506.6	492.9	479.9	466.8	453.2	440.7	428.4	415.3	403.1	390.4
C360.0	535.0	526.3	513.6	500.3	487.6	474.1	461.6	448.9	436.7	424.4
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	412.8	399.6	388.5	376.7	364.3	353.7	341.7	329.7	319.0	307.8
C30.0	364.3	351.6	338.5	327.0	314.1	301.5	290.3	278.2	266.5	255.6
C60.0	292.8	277.5	262.5	247.7	234.1	220.4	206.7	194.7	182.3	170.7
C90.0	295.4	277.6	259.2	241.7	223.9	207.1	189.9	173.0	157.7	140.7
C120.0	308.5	293.6	279.0	264.8	251.1	237.8	224.7	212.2	199.2	187.4
C150.0	377.8	365.8	353.2	341.5	329.8	317.5	307.6	295.4	285.2	273.6
C180.0	412.8	399.6	388.5	376.7	364.3	353.7	341.7	329.7	319.0	307.8
C210.0	364.3	351.6	338.5	327.0	314.1	301.5	290.3	278.2	266.5	255.6
C240.0	292.8	277.5	262.5	247.7	234.1	220.4	206.7	194.7	182.3	170.7
C270.0	295.4	277.6	259.2	241.7	223.9	207.1	189.9	173.0	157.7	140.7
C300.0	308.5	293.6	279.0	264.8	251.1	237.8	224.7	212.2	199.2	187.4
C330.0	377.8	365.8	353.2	341.5	329.8	317.5	307.6	295.4	285.2	273.6
C360.0	412.8	399.6	388.5	376.7	364.3	353.7	341.7	329.7	319.0	307.8
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	296.4	285.5	274.8	264.3	253.9	243.2	232.7	223.4	218.0	213.7
C30.0	243.9	235.3	228.4	218.1	208.7	198.7	189.9	184.7	180.4	175.6
C60.0	159.7	148.2	137.1	126.4	116.9	107.7	99.2	90.4	88.1	85.1
C90.0	126.7	112.5	99.5	87.0	75.1	63.9	53.2	44.9	37.1	30.2
C120.0	176.0	165.0	154.8	144.0	133.9	123.7	115.0	110.0	105.9	102.4
C150.0	263.4	253.0	242.9	232.2	222.4	212.5	202.7	193.0	188.1	184.5
C180.0	296.4	285.5	274.8	264.3	253.9	243.2	232.7	223.4	218.0	213.7
C210.0	243.9	235.3	228.4	218.1	208.7	198.7	189.9	184.7	180.4	175.6
C240.0	159.7	148.2	137.1	126.4	116.9	107.7	99.2	90.4	88.1	85.1
C270.0	126.7	112.5	99.5	87.0	75.1	63.9	53.2	44.9	37.1	30.2
C300.0	176.0	165.0	154.8	144.0	133.9	123.7	115.0	110.0	105.9	102.4
C330.0	263.4	253.0	242.9	232.2	222.4	212.5	202.7	193.0	188.1	184.5
C360.0	296.4	285.5	274.8	264.3	253.9	243.2	232.7	223.4	218.0	213.7

光强分布数据表格 单位[cd]

C\G	G90.0									
C0.0	209.2									
C30.0	170.6									
C60.0	80.6									
C90.0	23.9									
C120.0	99.2									
C150.0	178.9									
C180.0	209.2									
C210.0	170.6									
C240.0	80.6									
C270.0	23.9									
C300.0	99.2									
C330.0	178.9									
C360.0	209.2									

环带光通分布数据表

Gamma [°]	平均光强 [cd]	环带光通 [lm]	累积光通 [lm]	环带光通 [%]	累积光通 [%]
0.0	1102.37	0.00	0.00	0.00	0.00
0.0-1.0	1101.21	1.05	1.05	0.03	0.03
1.0-2.0	1100.61	3.16	4.21	0.09	0.13
2.0-3.0	1099.55	5.26	9.48	0.16	0.28
3.0-4.0	1097.93	7.36	16.83	0.22	0.50
4.0-5.0	1096.30	9.44	26.27	0.28	0.79
5.0-6.0	1094.03	11.51	37.78	0.34	1.13
6.0-7.0	1091.52	13.57	51.35	0.41	1.54
7.0-8.0	1088.72	15.60	66.95	0.47	2.00
8.0-9.0	1085.29	17.62	84.57	0.53	2.53
9.0-10.0	1081.59	19.61	104.18	0.59	3.12
10.0-11.0	1077.52	21.57	125.75	0.65	3.76
11.0-12.0	1072.84	23.51	149.26	0.70	4.47
12.0-13.0	1067.71	25.40	174.66	0.76	5.23
13.0-14.0	1062.37	27.26	201.93	0.82	6.04
14.0-15.0	1057.01	29.10	231.02	0.87	6.92
15.0-16.0	1050.70	30.88	261.91	0.92	7.84
16.0-17.0	1044.23	32.62	294.53	0.98	8.82
17.0-18.0	1037.17	34.32	328.85	1.03	9.84
18.0-19.0	1029.67	35.96	364.81	1.08	10.92
19.0-20.0	1022.31	37.56	402.37	1.12	12.04
20.0-21.0	1014.19	39.11	441.47	1.17	13.21
21.0-22.0	1005.64	40.59	482.06	1.21	14.43
22.0-23.0	996.80	42.02	524.08	1.26	15.69
23.0-24.0	987.98	43.39	567.47	1.30	16.99
24.0-25.0	978.39	44.71	612.18	1.34	18.32
25.0-26.0	968.67	45.96	658.14	1.38	19.70
26.0-27.0	958.52	47.15	705.29	1.41	21.11
27.0-28.0	947.70	48.26	753.55	1.44	22.56
28.0-29.0	937.13	49.31	802.87	1.48	24.03
29.0-30.0	925.61	50.29	853.16	1.51	25.54
30.0-31.0	914.07	51.20	904.35	1.53	27.07
31.0-32.0	901.86	52.02	956.38	1.56	28.63
32.0-33.0	889.93	52.79	1009.17	1.58	30.21
33.0-34.0	877.40	53.48	1062.65	1.60	31.81
34.0-35.0	864.89	54.11	1116.76	1.62	33.43
35.0-36.0	851.53	54.65	1171.41	1.64	35.06
36.0-37.0	838.60	55.12	1226.53	1.65	36.71
37.0-38.0	824.91	55.53	1282.06	1.66	38.38
38.0-39.0	811.72	55.86	1337.92	1.67	40.05
39.0-40.0	797.36	56.12	1394.04	1.68	41.73

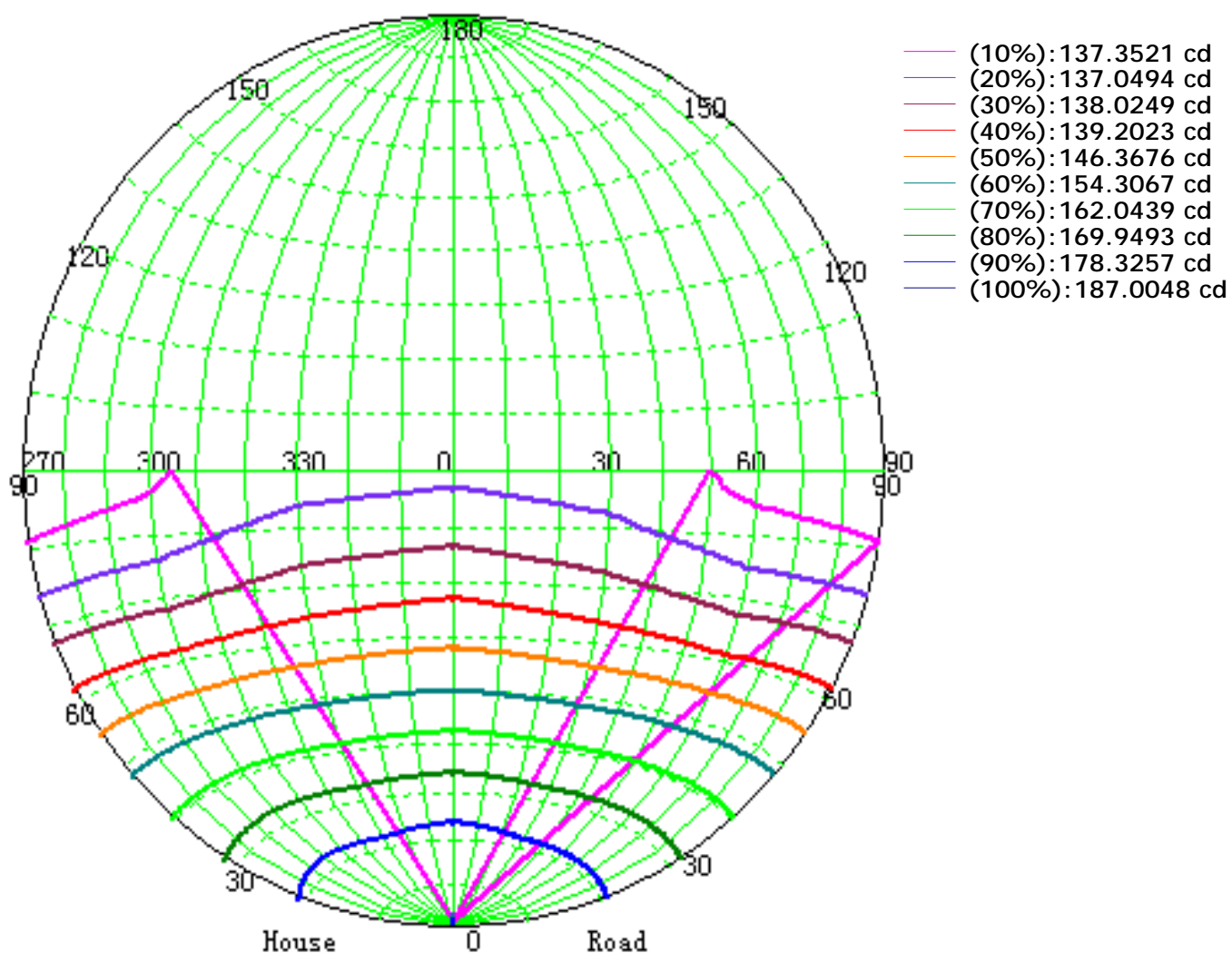
环带光通分布数据表

Gamma [°]	平均光强 [cd]	环带光通 [lm]	累积光通 [lm]	环带光通 [%]	累积光通 [%]
40.0-41.0	782.88	56.27	1450.31	1.68	43.41
41.0-42.0	768.30	56.36	1506.67	1.69	45.10
42.0-43.0	754.08	56.39	1563.06	1.69	46.79
43.0-44.0	739.44	56.37	1619.43	1.69	48.48
44.0-45.0	724.48	56.26	1675.69	1.68	50.16
45.0-46.0	708.94	56.06	1731.75	1.68	51.84
46.0-47.0	693.97	55.80	1787.55	1.67	53.51
47.0-48.0	678.84	55.50	1843.05	1.66	55.17
48.0-49.0	662.90	55.10	1898.15	1.65	56.82
49.0-50.0	647.65	54.64	1952.79	1.64	58.45
50.0-51.0	631.80	54.13	2006.92	1.62	60.07
51.0-52.0	616.45	53.56	2060.48	1.60	61.68
52.0-53.0	600.84	52.95	2113.43	1.59	63.26
53.0-54.0	584.51	52.25	2165.68	1.56	64.83
54.0-55.0	568.67	51.48	2217.15	1.54	66.37
55.0-56.0	552.98	50.68	2267.84	1.52	67.88
56.0-57.0	538.44	49.90	2317.74	1.49	69.38
57.0-58.0	523.06	49.09	2366.83	1.47	70.85
58.0-59.0	507.23	48.17	2414.99	1.44	72.29
59.0-60.0	492.07	47.21	2462.20	1.41	73.70
60.0-61.0	477.34	46.26	2508.47	1.38	75.09
61.0-62.0	461.89	45.26	2553.72	1.35	76.44
62.0-63.0	446.39	44.17	2597.90	1.32	77.76
63.0-64.0	430.89	43.05	2640.94	1.29	79.05
64.0-65.0	415.67	41.90	2682.84	1.25	80.31
65.0-66.0	400.71	40.73	2723.57	1.22	81.53
66.0-67.0	385.66	39.54	2763.11	1.18	82.71
67.0-68.0	370.68	38.31	2801.43	1.15	83.86
68.0-69.0	356.20	37.08	2838.51	1.11	84.97
69.0-70.0	341.93	35.85	2874.36	1.07	86.04
70.0-71.0	327.62	34.61	2908.97	1.04	87.08
71.0-72.0	313.48	33.34	2942.31	1.00	88.07
72.0-73.0	299.89	32.07	2974.38	0.96	89.03
73.0-74.0	286.24	30.81	3005.19	0.92	89.96
74.0-75.0	272.99	29.55	3034.74	0.88	90.84
75.0-76.0	260.15	28.30	3063.04	0.85	91.69
76.0-77.0	247.19	27.05	3090.09	0.81	92.50
77.0-78.0	234.99	25.81	3115.90	0.77	93.27
78.0-79.0	222.65	24.59	3140.49	0.74	94.01
79.0-80.0	211.01	23.38	3163.87	0.70	94.71
80.0-81.0	199.90	22.22	3186.09	0.67	95.37

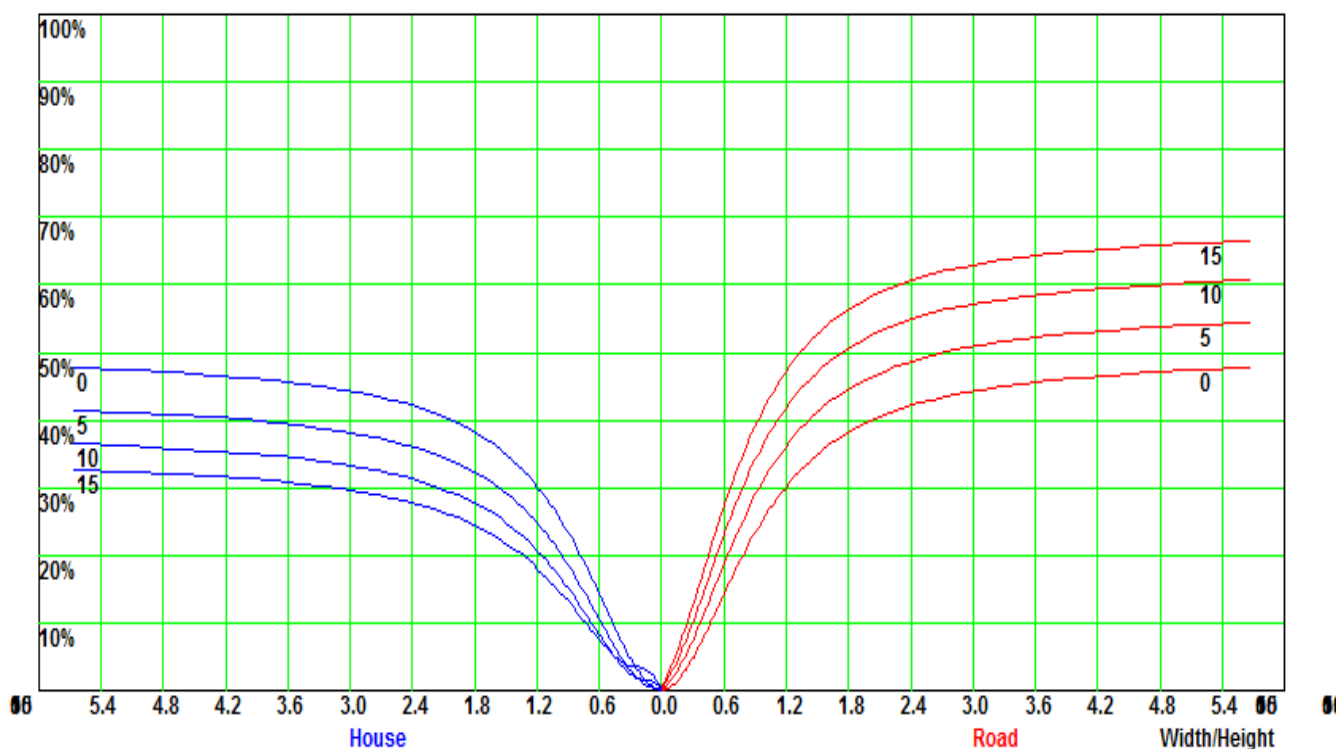
环带光通分布数据表

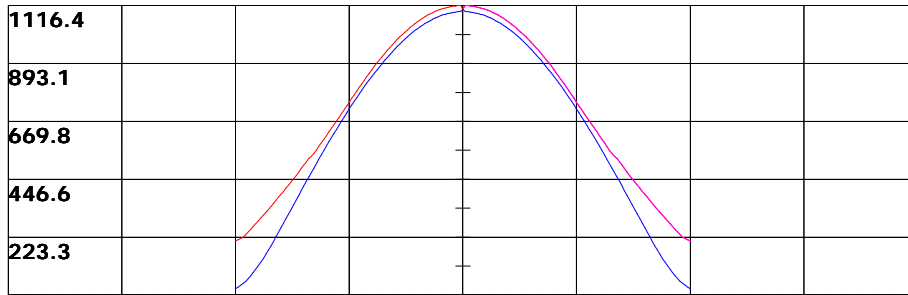
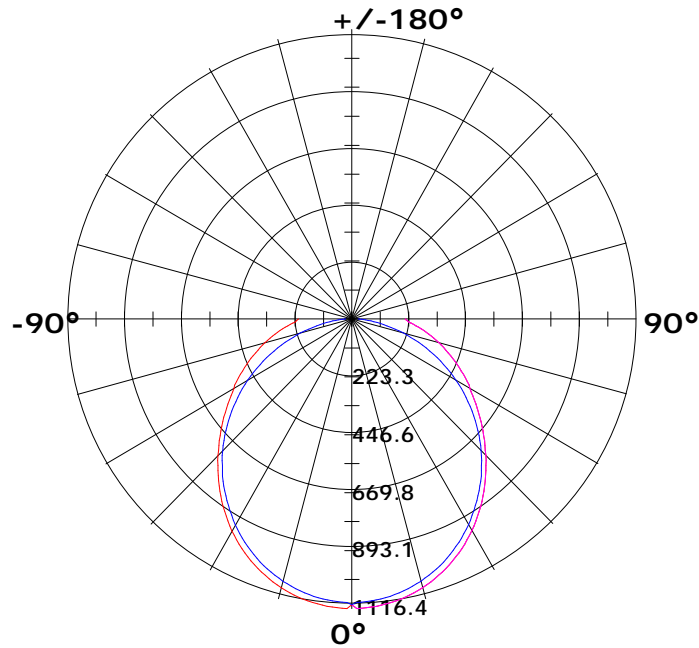
Gamma [°]	平均光强 [cd]	环带光通 [lm]	累积光通 [lm]	环带光通 [%]	累积光通 [%]
81.0-82.0	189.57	21.12	3207.21	0.63	96.00
82.0-83.0	178.66	20.02	3227.23	0.60	96.60
83.0-84.0	168.47	18.91	3246.14	0.57	97.17
84.0-85.0	158.29	17.83	3263.98	0.53	97.70
85.0-86.0	148.79	16.79	3280.76	0.50	98.21
86.0-87.0	141.07	15.86	3296.62	0.47	98.68
87.0-88.0	136.26	15.19	3311.82	0.45	99.14
88.0-89.0	131.91	14.70	3326.51	0.44	99.58
89.0-90.0	127.05	14.20	3340.71	0.43	100.00

道路灯具等光强曲线 (圆形网图)



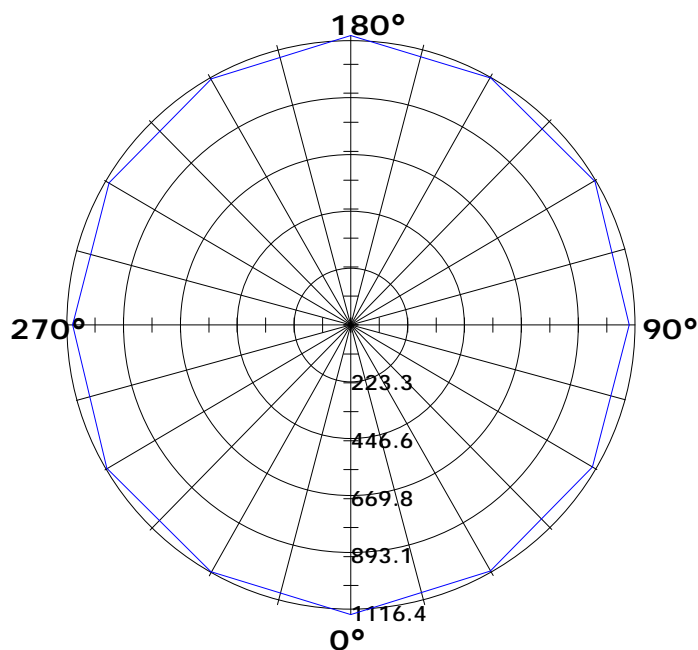
道路灯具利用系数曲线





光强分布曲线 (Linear)

(cd) | C0/C180: — C90/C270: — C0: —

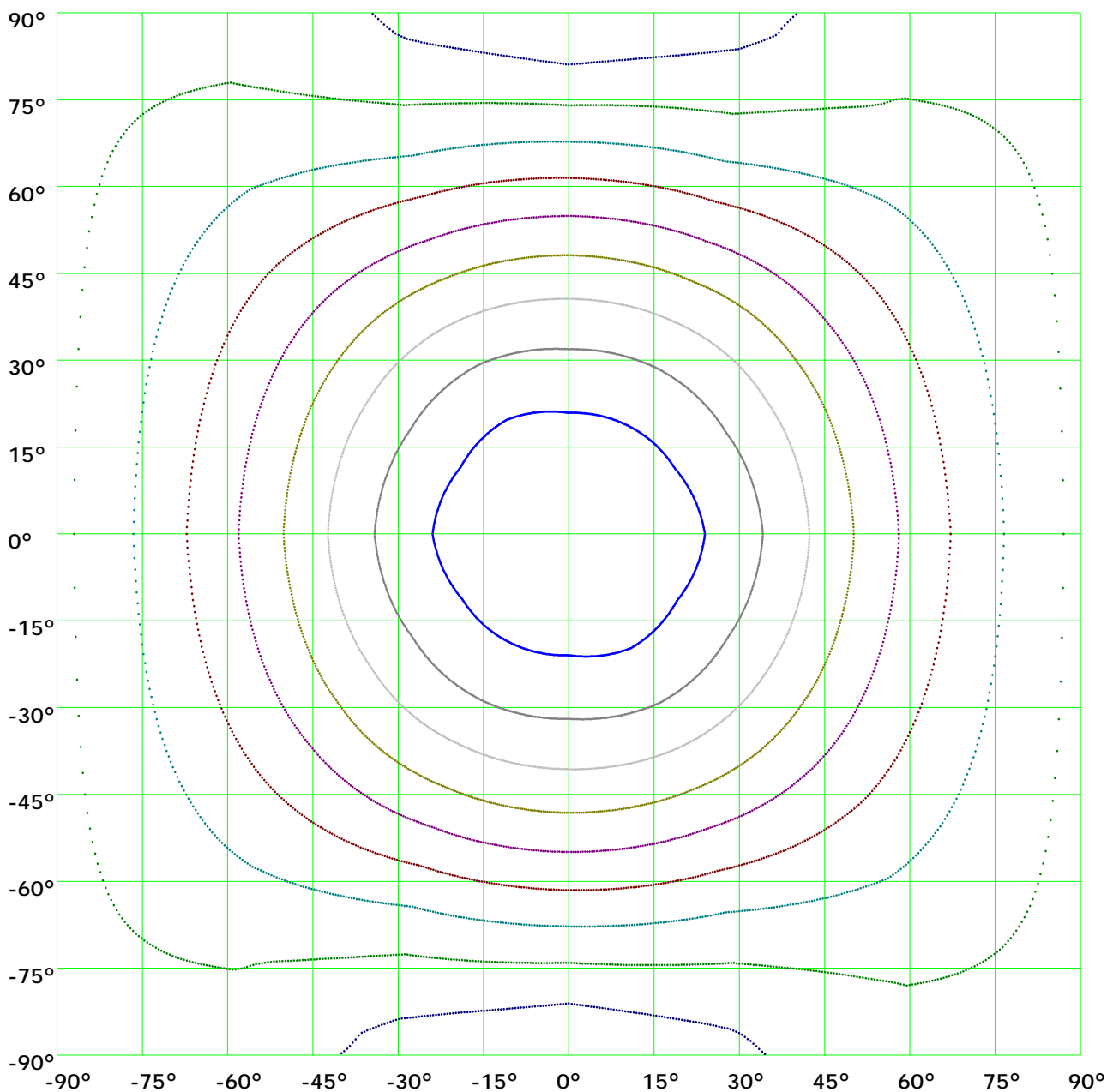


1116.4							
893.1							
669.8							
446.6							
223.3							

-180° 光强分布曲线 (Linear) 180°

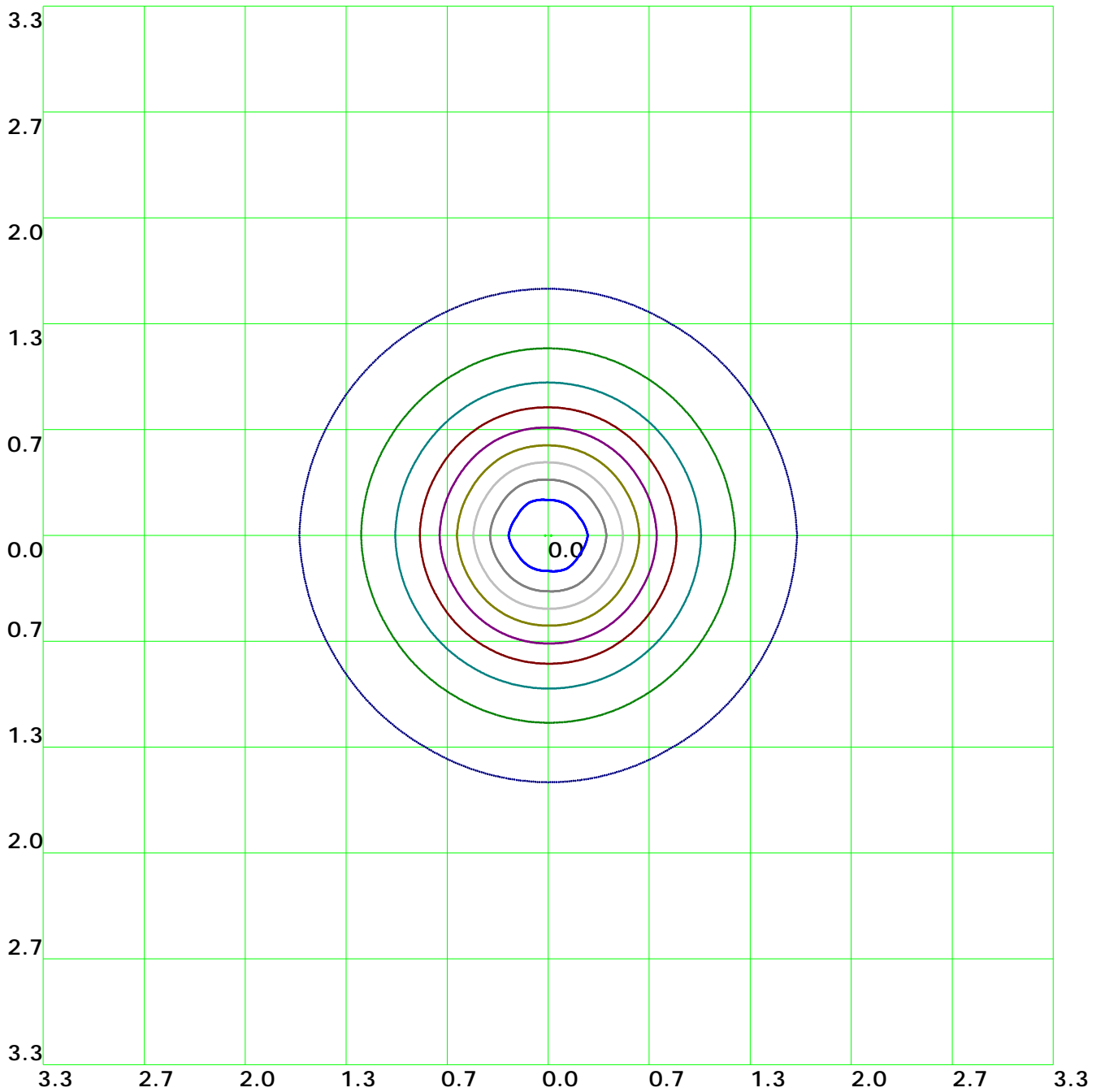
(cd) | γ1: —

等光强曲线(矩形网图)



— (10%): 111.6cd	— (20%): 223.3cd	— (30%): 334.9cd	— (40%): 446.6cd
— (50%): 558.2cd	— (60%): 669.8cd	— (70%): 781.5cd	— (80%): 893.1cd
— (90%): 1004.8cd	— (100%): 1116.4cd		

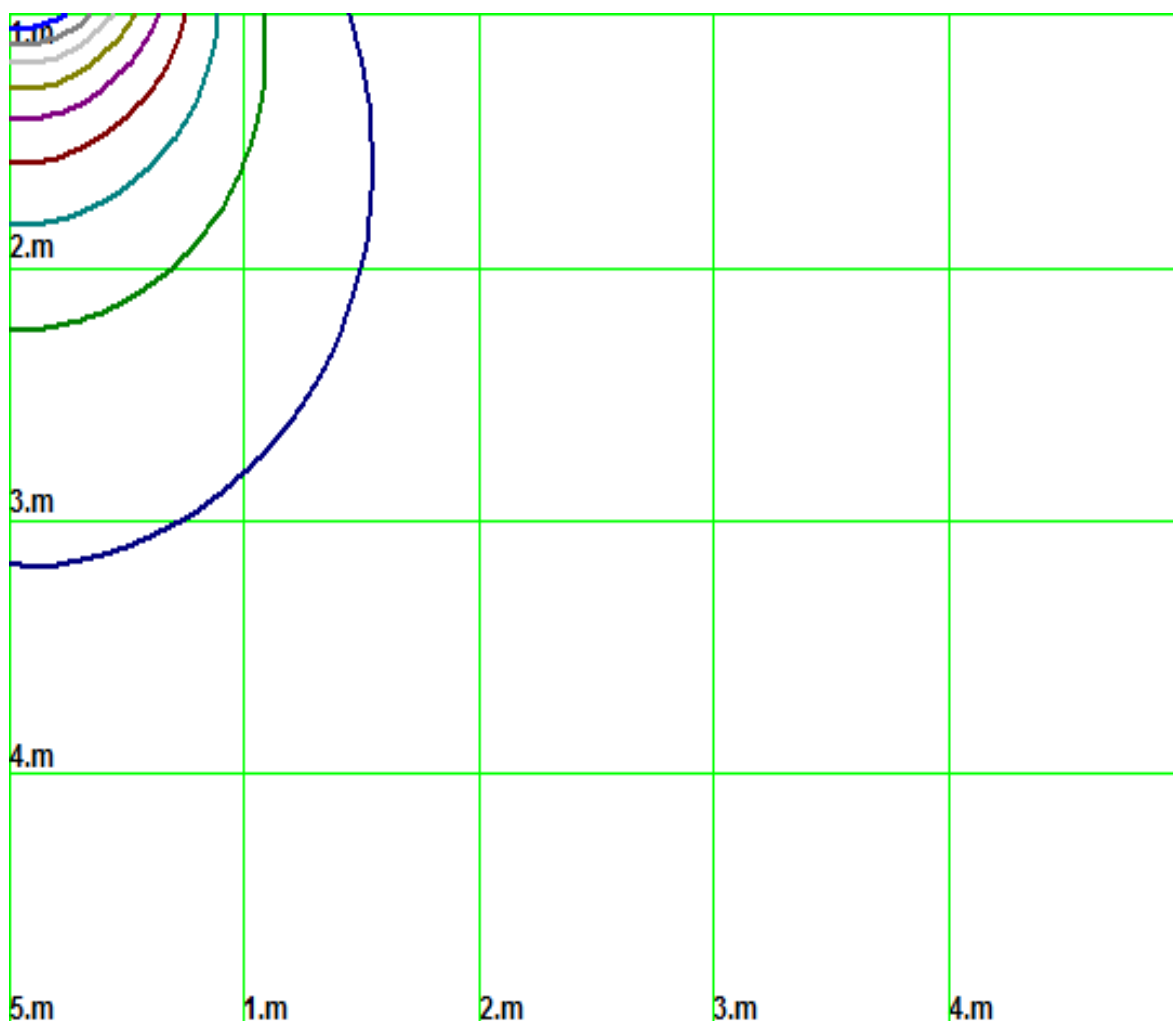
相对平面等照度曲线



高度: 1 m

— (10%): 111.6lx	— (20%): 223.3lx	— (30%): 334.9lx	— (40%): 446.6lx
— (50%): 558.2lx	— (60%): 669.9lx	— (70%): 781.5lx	— (80%): 893.1lx
— (90%): 1004.8lx	— (100%): 1115.3lx		

空间等照度曲线



— (10%): 111.6lx	— (20%): 223.3lx	— (30%): 334.9lx	— (40%): 446.6lx
— (50%): 558.2lx	— (60%): 669.9lx	— (70%): 781.5lx	— (80%): 893.1lx
— (90%): 1004.8lx	— (100%): 1115.3lx		

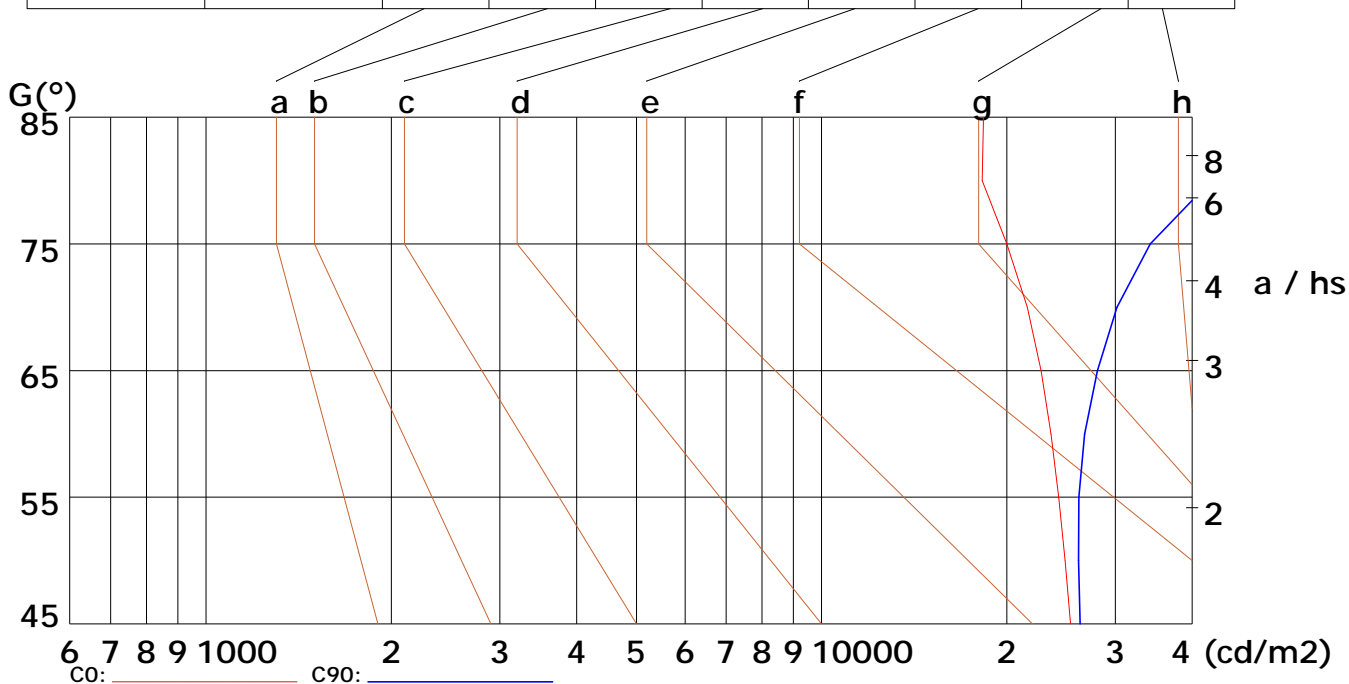
亮度限制曲线（无发光侧边灯具）

直径: 0mm
 长度: 0mm
 宽度: 0mm
 高度: 0mm

(cd/m²)

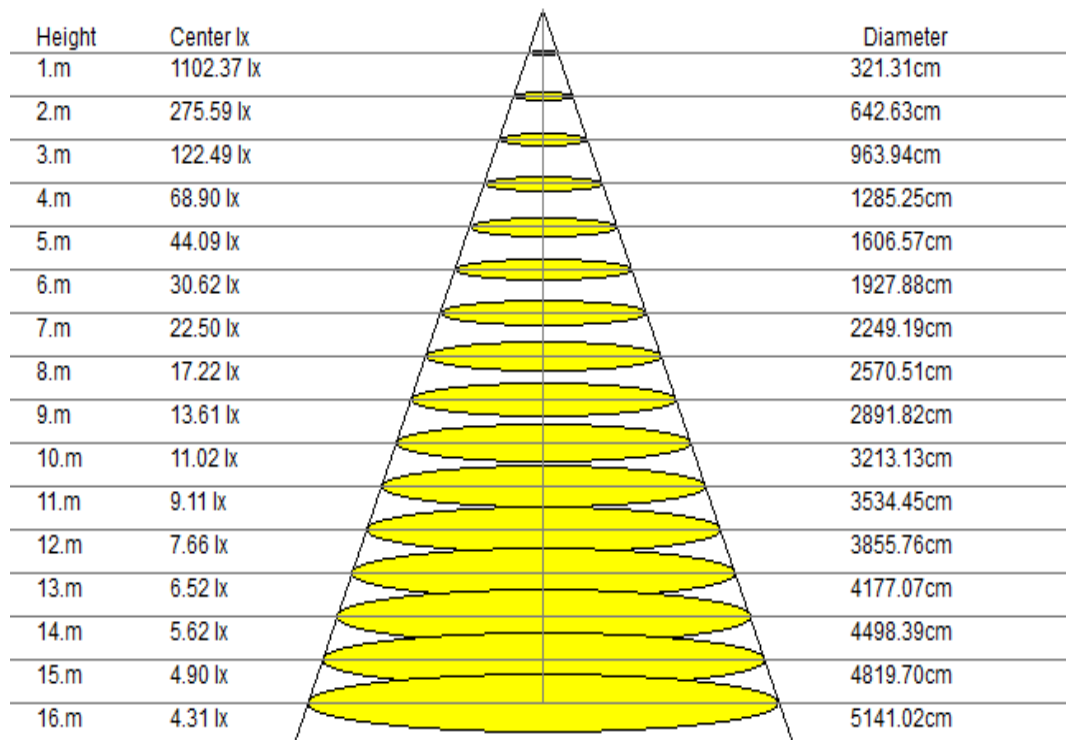
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	25371	24873	24271	23599	22731	21592	20002	18242	18319
C90	26303	26144	26190	26751	28046	30175	34166	42670	69755

眩光等级	质量等级	使用照度 (lx)													
		2000	1000	500	≤300										
1.15	A														
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					



亮度限制曲线 (C0/C90)

照度距离关系曲线

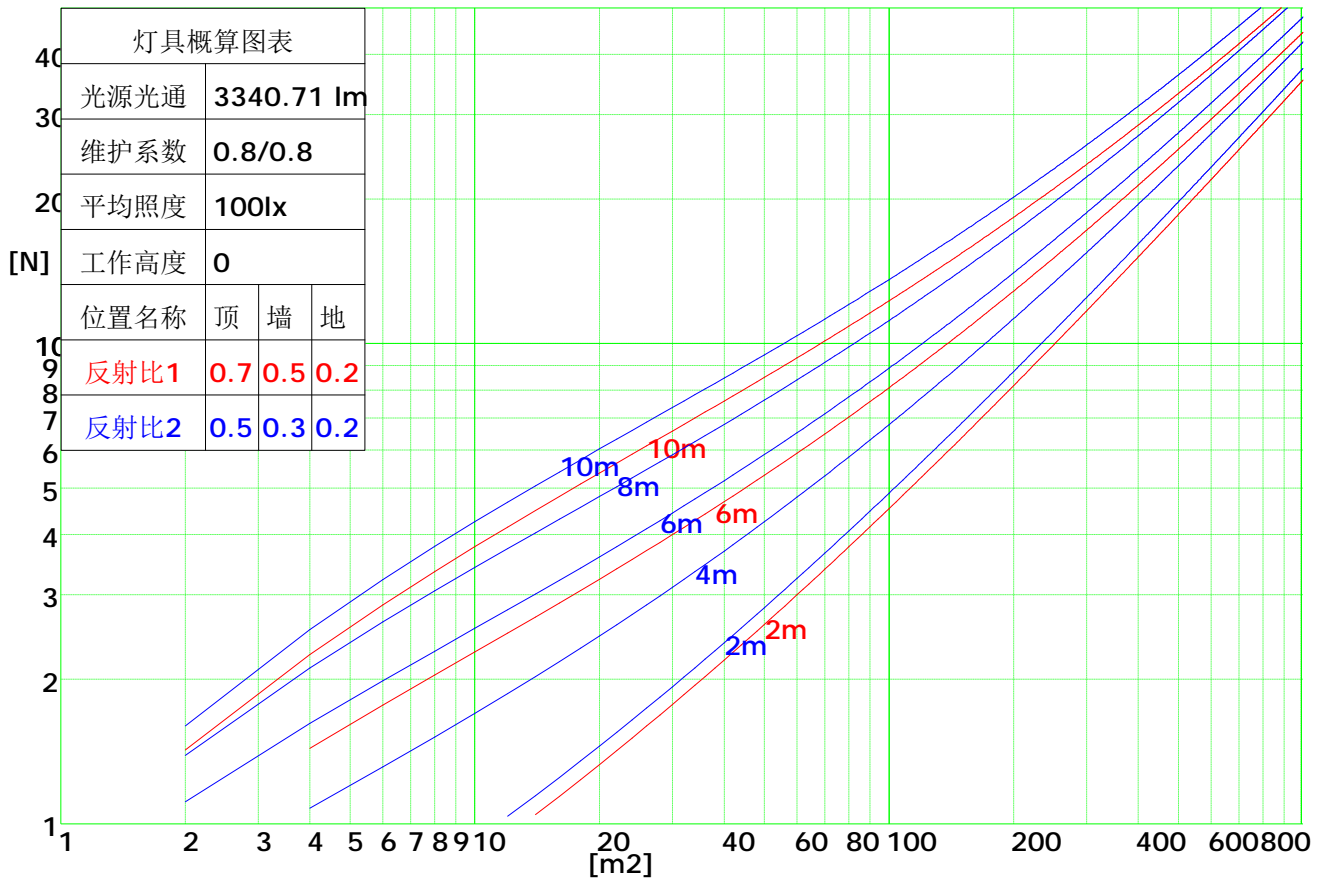


光束角:116.20°(50%Imax)

室内灯具利用系数表

RHOCC	80			70			50			30			10			0
RHOW	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10	0
RRCR	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	1.01	0.99	0.97	1.00	0.97	0.95	0.96	0.94	0.92	0.92	0.89	0.87	0.86	0.83	0.80	0.75
2	0.85	0.82	0.80	0.84	0.81	0.78	0.82	0.78	0.75	0.79	0.75	0.71	0.75	0.71	0.67	0.62
3	0.72	0.69	0.67	0.72	0.68	0.65	0.71	0.66	0.63	0.69	0.64	0.60	0.66	0.61	0.56	0.52
4	0.62	0.59	0.57	0.62	0.58	0.55	0.62	0.57	0.53	0.61	0.55	0.51	0.59	0.53	0.48	0.44
5	0.54	0.51	0.49	0.55	0.51	0.48	0.55	0.50	0.46	0.55	0.49	0.44	0.54	0.47	0.42	0.38
6	0.47	0.44	0.43	0.48	0.44	0.42	0.49	0.44	0.40	0.49	0.43	0.38	0.49	0.42	0.37	0.33
7	0.42	0.39	0.38	0.43	0.39	0.37	0.44	0.39	0.36	0.45	0.39	0.34	0.45	0.38	0.32	0.29
8	0.38	0.35	0.34	0.39	0.35	0.33	0.40	0.35	0.32	0.41	0.35	0.30	0.41	0.34	0.29	0.26
9	0.34	0.32	0.30	0.35	0.32	0.30	0.37	0.32	0.29	0.38	0.32	0.27	0.38	0.31	0.26	0.23
10	0.31	0.29	0.27	0.32	0.29	0.27	0.34	0.29	0.26	0.35	0.29	0.25	0.36	0.29	0.24	0.21

室内灯具概算曲线图表



UGR综合眩光指数表

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	15.9	15.1	15.9	16.3	14.7	15.9	14.9	15.9	16.3
	3H	16.2	17.4	16.7	17.7	18.0	16.2	17.4	16.5	17.9	18.0
	4H	16.9	18.1	17.4	18.6	18.7	17.0	18.0	17.3	18.6	18.8
	6H	17.5	18.5	18.0	18.9	19.0	17.3	18.3	17.8	18.8	19.1
	8H	17.9	18.9	18.2	18.9	19.3	17.8	18.7	18.0	19.0	19.3
4H	12H	18.0	18.8	18.2	19.3	19.5	17.8	18.6	18.0	19.2	19.5
	2H	15.6	16.6	15.9	16.9	17.1	15.6	16.6	15.8	16.8	17.0
	3H	17.5	18.4	17.8	18.3	18.7	17.3	18.2	17.5	18.4	18.8
	4H	18.2	19.0	18.5	19.1	19.5	18.0	18.9	18.4	19.2	19.5
	6H	18.8	19.5	19.2	19.8	20.1	18.8	19.4	19.0	19.7	20.1
8H	8H	19.0	19.8	19.5	19.9	20.4	19.0	19.6	19.2	19.9	20.3
	12H	19.3	19.9	19.7	20.2	20.4	19.2	19.7	19.6	20.2	20.5
	4H	18.6	19.2	18.8	19.4	19.9	18.4	19.0	18.8	19.4	19.8
	6H	19.4	19.8	19.7	20.2	20.7	19.2	19.9	19.7	20.2	20.6
	8H	19.8	20.2	20.1	20.5	20.9	19.6	20.0	20.0	20.5	20.9
12H	12H	19.9	20.5	20.4	20.7	21.3	19.9	20.4	20.2	20.7	21.1
	4H	18.6	19.1	18.9	19.5	19.9	18.4	19.0	18.8	19.6	19.9
	6H	19.6	20.0	19.9	20.2	20.6	19.3	19.8	19.8	20.2	20.7
	8H	19.9	20.4	20.3	20.7	21.1	19.9	20.3	20.2	20.6	21.1