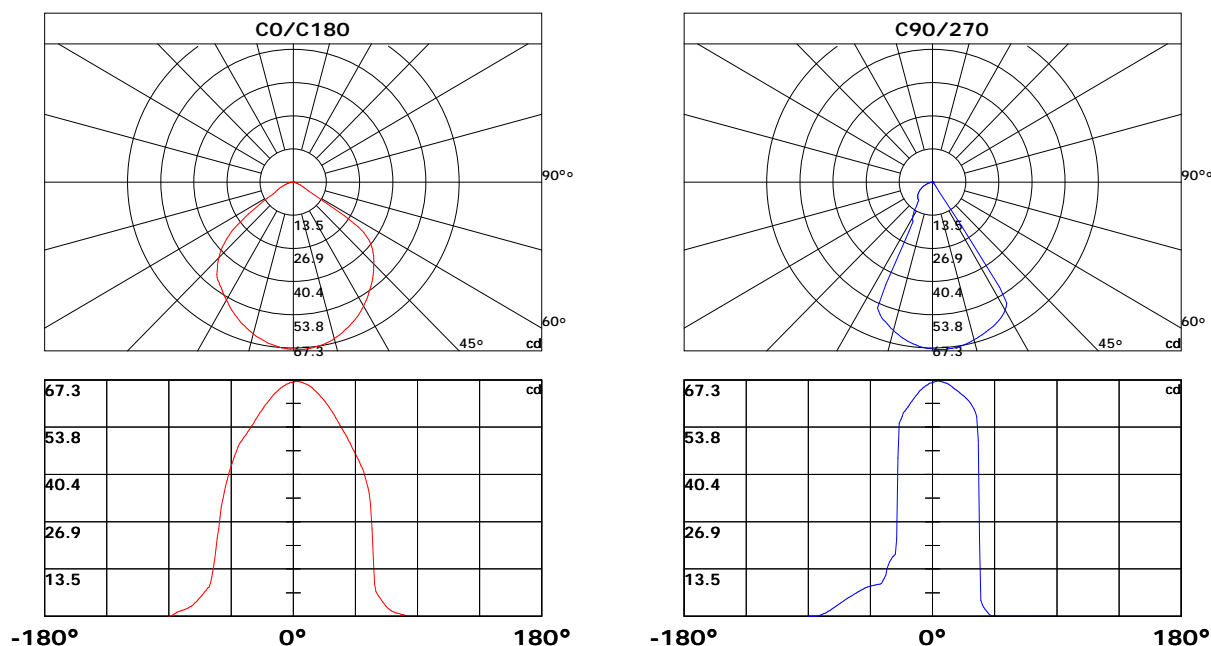


Luminaire Property

Luminaire Description: 2号	Voltage: 220.9 V
Luminaire Categorie:	Current: 0.026 A
Lamp Categorie:	Power: 3.04 W
Lamp Description:	Power Factor: 0.525
Number of Lamp: 1	Test Lab: HuiPu-lab
Lamp Lumens(lm): NA	Photometric Type: Type C
Luminous Length(m): 0.0	Manufactory:
Luminous Width(m): 0.2	
Luminous Height(m): 0.0	

Photometric Results

CIE Class: Direct	Max.Intensity Angle: C:60.0 G:9.0
Luminaire Lumens: 100.18 lm	Beam Angle(50%Imax): L: -33.7 R:30.7
Efficiency: 32.9539 lm/W	Luminaire Efficacy Rating(LER) : 100.00%
Central Intensity: 66.318cd	Upward Ratio: NA
Max. Intensity: 67.283cd	Downward Ratio: NA
Field Angle(10%Imax): NA	Beamwidth(50%Imax): H=94.83V=85.56



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	66.3	66.8	66.8	66.8	66.8	66.7	66.6	66.5	66.3	66.1
C30.0	66.3	66.9	66.9	67.0	67.0	67.0	67.0	66.8	66.8	66.6
C60.0	66.3	66.1	66.4	66.5	66.8	66.9	67.1	67.1	67.2	67.3
C90.0	66.3	66.7	66.8	66.9	66.9	66.9	66.8	66.7	66.6	66.4
C120.0	66.3	65.9	66.1	66.2	66.4	66.4	66.4	66.4	66.5	66.4
C150.0	66.3	65.9	65.7	65.5	65.4	65.1	64.9	64.6	64.4	64.0
C180.0	66.3	66.7	66.6	66.3	66.2	66.0	65.7	65.5	65.2	64.9
C210.0	66.3	66.6	66.5	66.2	66.0	65.7	65.5	65.1	64.8	64.4
C240.0	66.3	65.5	65.2	64.8	64.4	64.0	63.6	63.1	62.6	62.1
C270.0	66.3	66.4	66.3	66.0	65.8	65.6	65.3	64.9	64.6	64.3
C300.0	66.3	65.5	65.3	65.0	64.7	64.4	63.9	63.5	63.1	62.6
C330.0	66.3	66.1	66.2	66.3	66.4	66.3	66.3	66.4	66.3	66.2
C360.0	66.3	66.8	66.8	66.8	66.8	66.7	66.6	66.5	66.3	66.1
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	66.0	65.8	65.5	65.2	65.0	64.5	64.2	63.8	63.4	62.9
C30.0	66.4	66.2	66.0	65.8	65.5	65.3	65.0	64.7	64.4	64.0
C60.0	67.1	67.1	67.0	66.9	66.7	66.5	66.3	66.1	65.9	65.5
C90.0	66.4	66.2	65.9	65.7	65.3	65.0	64.7	64.4	64.2	63.9
C120.0	66.3	66.2	66.1	66.0	65.8	65.6	65.5	65.2	65.0	64.7
C150.0	56.3	63.3	62.9	62.5	62.0	61.5	61.1	60.5	60.1	59.5
C180.0	64.6	64.3	63.9	63.5	63.1	62.7	62.2	61.7	61.2	60.7
C210.0	64.0	63.6	63.2	62.9	62.5	62.0	61.5	60.9	60.3	59.8
C240.0	61.6	61.0	60.5	59.8	59.3	58.7	58.1	57.5	56.9	56.4
C270.0	63.8	63.3	62.9	62.3	61.8	61.2	60.6	60.1	59.5	58.9
C300.0	62.1	61.6	61.0	60.6	59.9	59.4	58.7	58.2	57.6	57.0
C330.0	66.0	65.9	65.7	65.4	65.2	65.0	64.7	64.3	63.9	63.5
C360.0	66.0	65.8	65.5	65.2	65.0	64.5	64.2	63.8	63.4	62.9
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	62.4	62.1	61.6	61.1	60.6	60.0	59.6	58.9	58.3	57.7
C30.0	63.6	63.2	62.8	62.3	61.9	61.3	60.7	60.3	59.7	59.3
C60.0	65.2	64.9	64.6	64.2	63.9	63.6	63.4	63.0	62.9	62.6
C90.0	63.6	63.2	62.9	62.6	62.2	61.9	61.4	60.8	60.3	59.7
C120.0	64.4	64.1	63.7	63.4	63.0	62.6	62.2	61.8	61.4	61.0
C150.0	59.1	58.5	58.1	57.6	57.0	56.5	55.8	55.1	54.4	53.6
C180.0	60.2	59.7	59.1	58.5	58.0	57.4	56.8	56.2	55.5	54.8
C210.0	59.2	58.6	57.9	57.3	56.7	56.1	55.5	54.8	54.2	53.7
C240.0	55.8	54.8	53.9	53.1	47.5	28.4	17.9	16.6	15.9	15.3
C270.0	58.4	57.9	56.8	56.0	54.9	45.0	22.0	17.7	17.2	16.9
C300.0	55.9	55.0	54.2	53.3	51.8	36.5	19.5	16.7	16.3	15.8
C330.0	63.1	62.5	62.0	61.5	61.0	60.6	60.0	59.5	58.8	58.2
C360.0	62.4	62.1	61.6	61.1	60.6	60.0	59.6	58.9	58.3	57.7

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	57.1	56.4	55.7	55.1	54.4	53.6	53.0	52.3	51.6	51.0
C30.0	58.6	58.1	57.6	57.1	56.4	55.9	55.4	54.7	54.0	53.2
C60.0	62.3	61.9	61.5	60.8	60.3	59.8	59.1	58.4	57.5	51.0
C90.0	59.0	58.0	56.9	50.1	21.2	4.6	3.2	2.6	2.0	1.5
C120.0	60.6	60.1	59.8	59.2	58.7	58.2	57.5	56.9	56.2	55.3
C150.0	53.0	52.2	51.6	50.8	50.2	49.4	48.5	47.7	46.7	45.6
C180.0	54.2	53.6	53.0	52.4	51.8	51.2	50.8	50.2	49.6	49.0
C210.0	53.3	52.9	52.3	51.6	50.6	49.5	48.4	47.1	45.8	44.4
C240.0	14.6	13.9	13.1	11.7	10.4	10.0	9.2	8.7	8.4	8.3
C270.0	16.2	15.5	14.6	13.6	11.7	10.8	10.1	9.5	9.2	9.1
C300.0	15.2	14.6	13.8	13.0	11.9	10.0	9.3	8.6	8.2	8.1
C330.0	57.7	57.1	56.4	55.8	55.2	54.7	54.1	53.4	52.8	52.2
C360.0	57.1	56.4	55.7	55.1	54.4	53.6	53.0	52.3	51.6	51.0
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	50.1	49.4	48.6	47.8	47.0	46.2	45.5	44.7	43.8	43.0
C30.0	52.3	51.4	49.9	47.3	31.5	13.8	5.7	4.4	3.9	3.3
C60.0	25.4	6.2	4.2	3.5	2.8	2.2	1.6	1.1	0.7	0.6
C90.0	1.0	0.5	0.3	0.2	0.1	0.1	0.1	0.0	0.0	0.0
C120.0	54.2	47.5	26.3	7.0	4.9	4.1	3.4	2.8	2.1	1.5
C150.0	44.4	41.4	31.3	16.5	8.2	6.4	5.8	5.4	4.6	3.9
C180.0	48.2	47.1	46.1	45.0	43.9	42.8	41.5	40.2	38.7	37.0
C210.0	43.1	41.9	39.6	30.1	19.8	15.7	13.5	12.8	12.4	12.1
C240.0	8.3	8.2	8.1	8.0	7.9	7.8	7.7	7.5	7.4	7.2
C270.0	9.0	9.0	8.9	8.8	8.7	8.6	8.4	8.3	8.2	8.0
C300.0	8.0	7.9	7.9	7.8	7.7	7.6	7.5	7.4	7.2	7.0
C330.0	51.4	50.7	49.9	48.6	47.4	45.4	38.1	32.6	21.3	14.1
C360.0	50.1	49.4	48.6	47.8	47.0	46.2	45.5	44.7	43.8	43.0
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	42.1	41.1	39.7	38.4	36.7	35.0	31.9	24.8	16.1	9.1
C30.0	2.7	2.2	1.6	1.1	0.8	0.6	0.4	0.3	0.2	0.2
C60.0	0.4	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2
C90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C120.0	1.1	0.8	0.6	0.5	0.4	0.2	0.2	0.2	0.2	0.2
C150.0	3.2	2.2	1.5	1.1	0.9	0.7	0.6	0.5	0.3	0.3
C180.0	35.2	33.4	31.3	28.3	25.0	22.2	18.9	16.1	13.2	11.0
C210.0	11.7	11.1	10.0	9.2	8.7	8.4	8.0	7.8	7.6	7.4
C240.0	7.0	6.8	6.6	6.4	6.2	6.0	5.7	5.5	5.3	5.0
C270.0	7.8	7.6	7.4	7.2	6.9	6.7	6.5	6.2	6.0	5.8
C300.0	6.9	6.7	6.5	6.3	6.1	5.9	5.6	5.4	5.2	4.9
C330.0	13.2	12.7	12.2	11.6	11.0	10.3	9.5	9.0	8.5	8.2
C360.0	42.1	41.1	39.7	38.4	36.7	35.0	31.9	24.8	16.1	9.1

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	7.1	6.3	5.7	5.1	4.5	4.0	3.4	3.0	2.4	2.1
C30.0	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C60.0	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C120.0	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C150.0	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C180.0	9.5	8.2	8.0	7.4	6.9	6.5	6.0	5.5	5.1	4.6
C210.0	7.3	7.1	7.0	6.8	6.7	6.5	6.2	6.0	5.8	5.5
C240.0	4.8	4.5	4.2	4.0	3.7	3.5	3.2	3.0	2.6	2.4
C270.0	5.5	5.3	5.0	4.7	4.5	4.2	4.0	3.7	3.4	3.1
C300.0	4.7	4.4	4.2	3.9	3.7	3.4	3.2	2.9	2.6	2.4
C330.0	7.6	7.3	7.0	6.7	6.4	6.1	5.9	5.7	5.6	5.4
C360.0	7.1	6.3	5.7	5.1	4.5	4.0	3.4	3.0	2.4	2.1
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	1.8	1.5	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.5
C30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C60.0	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0
C90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C120.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0
C150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C180.0	4.2	3.9	3.5	3.2	2.9	2.6	2.4	2.2	2.0	1.9
C210.0	5.3	5.1	4.8	4.6	4.4	4.3	4.1	4.0	3.9	3.7
C240.0	2.2	2.0	1.9	1.7	1.5	1.3	1.1	0.9	0.7	0.5
C270.0	2.8	2.5	2.3	2.0	1.8	1.5	1.3	1.1	0.9	0.7
C300.0	2.1	1.9	1.7	1.4	1.2	1.1	0.9	0.7	0.5	0.4
C330.0	5.2	5.0	4.9	4.7	4.5	4.3	4.1	4.0	3.8	3.7
C360.0	1.8	1.5	1.3	1.2	1.1	0.9	0.8	0.7	0.6	0.5
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C60.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C90.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C120.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C180.0	1.7	1.6	1.5	1.3	1.2	0.9	0.7	0.4	0.2	0.1
C210.0	3.6	3.5	3.3	3.2	3.1	3.0	2.9	2.8	2.6	2.5
C240.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C270.0	0.5	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0
C300.0	0.4	0.2	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C330.0	3.6	3.5	3.3	3.2	3.1	3.0	2.8	2.7	2.6	2.4
C360.0	0.4	0.3	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Light intensity data Unit[cd]

C\G	G90.0									
C0.0	0.0									
C30.0	0.0									
C60.0	0.0									
C90.0	0.0									
C120.0	0.0									
C150.0	0.0									
C180.0	0.0									
C210.0	2.4									
C240.0	0.0									
C270.0	0.0									
C300.0	0.0									
C330.0	2.3									
C360.0	0.0									

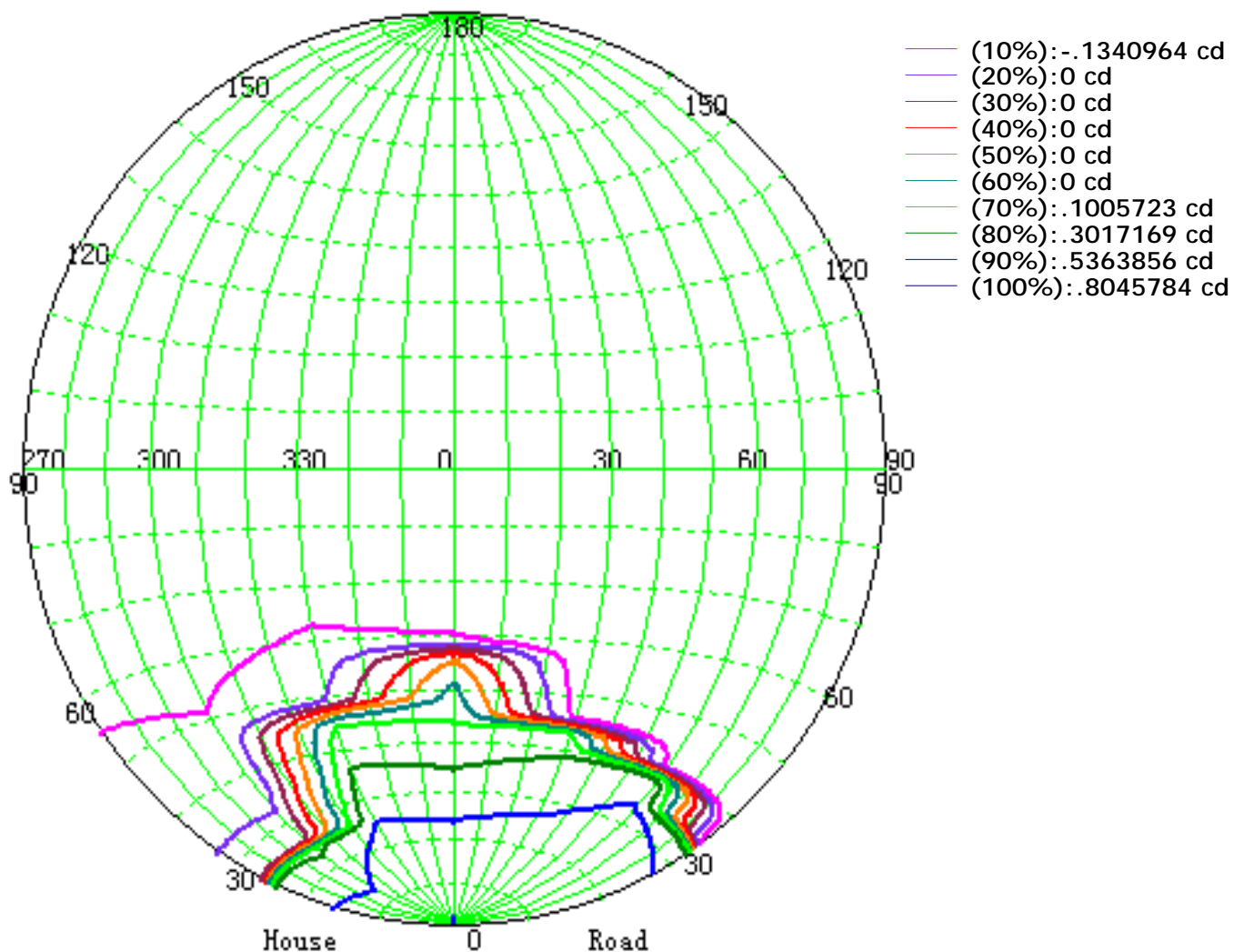
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	66.32	0.00	0.00	0.00	0.00
0.0-1.0	66.27	0.06	0.06	0.06	0.06
1.0-2.0	66.24	0.19	0.25	0.19	0.25
2.0-3.0	66.15	0.32	0.57	0.32	0.57
3.0-4.0	66.07	0.44	1.01	0.44	1.01
4.0-5.0	65.94	0.57	1.58	0.57	1.58
5.0-6.0	65.75	0.69	2.27	0.69	2.27
6.0-7.0	65.56	0.82	3.09	0.81	3.08
7.0-8.0	65.37	0.94	4.03	0.94	4.02
8.0-9.0	65.11	1.06	5.08	1.06	5.07
9.0-10.0	64.23	1.17	6.25	1.17	6.24
10.0-11.0	64.55	1.29	7.54	1.28	7.53
11.0-12.0	64.23	1.41	8.95	1.41	8.93
12.0-13.0	63.88	1.52	10.47	1.52	10.45
13.0-14.0	63.51	1.63	12.10	1.63	12.08
14.0-15.0	63.12	1.74	13.84	1.74	13.81
15.0-16.0	62.72	1.84	15.68	1.84	15.65
16.0-17.0	62.28	1.95	17.63	1.94	17.60
17.0-18.0	61.86	2.05	19.67	2.04	19.64
18.0-19.0	61.40	2.14	21.82	2.14	21.78
19.0-20.0	60.90	2.24	24.06	2.23	24.01
20.0-21.0	60.38	2.33	26.39	2.32	26.34
21.0-22.0	59.80	2.42	28.80	2.41	28.75
22.0-23.0	59.24	2.50	31.30	2.49	31.24
23.0-24.0	58.22	2.57	33.87	2.56	33.81
24.0-25.0	54.15	2.56	36.42	2.55	36.36
25.0-26.0	49.56	2.45	38.87	2.44	38.80
26.0-27.0	48.44	2.40	41.27	2.39	41.19
27.0-28.0	47.92	2.44	43.71	2.44	43.63
28.0-29.0	47.38	2.49	46.20	2.49	46.12
29.0-30.0	46.83	2.54	48.74	2.54	48.66
30.0-31.0	46.20	2.59	51.33	2.58	51.24
31.0-32.0	45.52	2.63	53.96	2.62	53.86
32.0-33.0	44.27	2.65	56.61	2.64	56.50
33.0-34.0	41.05	2.58	59.19	2.58	59.08
34.0-35.0	38.97	2.49	61.67	2.48	61.56
35.0-36.0	38.20	2.46	64.13	2.45	64.02
36.0-37.0	37.51	2.47	66.60	2.46	66.48
37.0-38.0	36.83	2.48	69.08	2.48	68.96
38.0-39.0	35.73	2.48	71.56	2.47	71.43
39.0-40.0	32.96	2.40	73.95	2.39	73.82

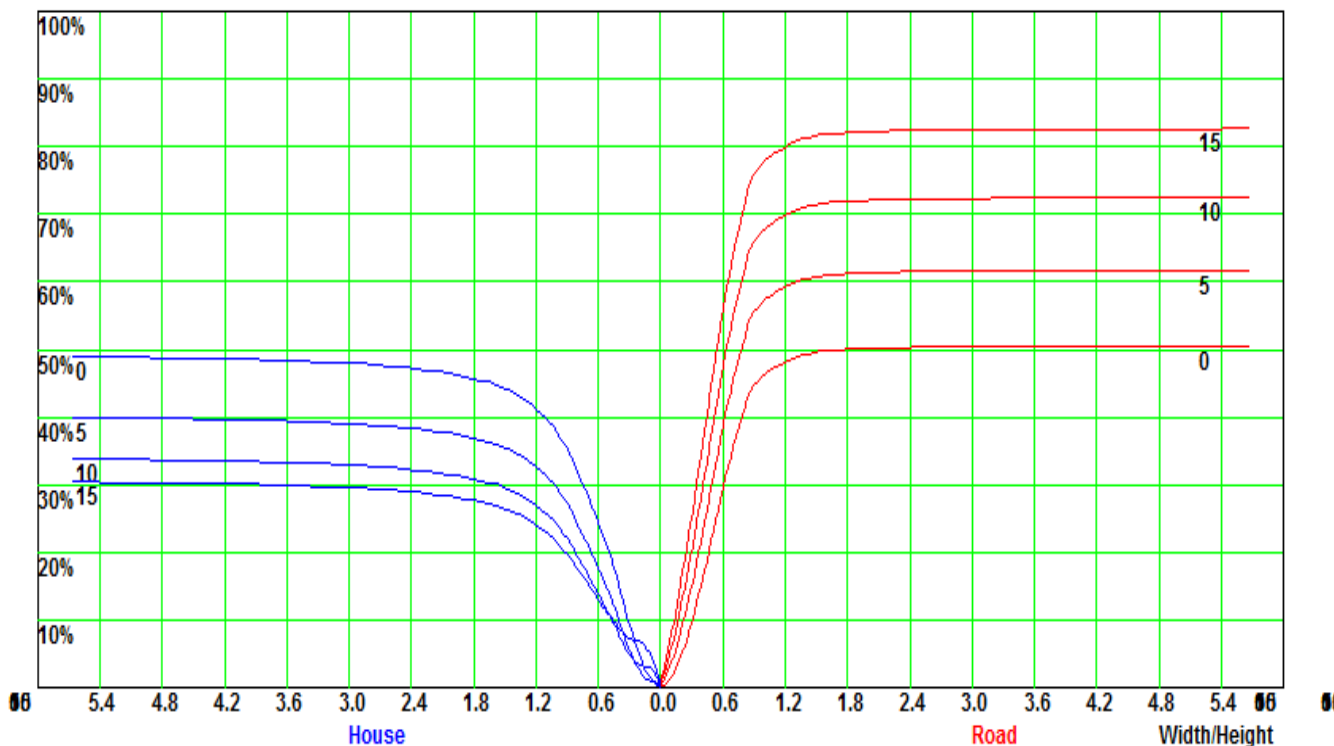
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	30.10	2.25	76.20	2.24	76.06
41.0-42.0	26.75	2.07	78.26	2.06	78.12
42.0-43.0	22.54	1.83	80.09	1.82	79.95
43.0-44.0	19.17	1.57	81.66	1.57	81.52
44.0-45.0	16.73	1.38	83.04	1.38	82.90
45.0-46.0	14.91	1.24	84.28	1.24	84.13
46.0-47.0	13.93	1.15	85.43	1.15	85.28
47.0-48.0	12.54	1.07	86.50	1.07	86.34
48.0-49.0	11.47	0.99	87.48	0.98	87.33
49.0-50.0	10.94	0.93	88.42	0.93	88.26
50.0-51.0	10.42	0.90	89.32	0.90	89.16
51.0-52.0	9.81	0.87	90.19	0.87	90.03
52.0-53.0	9.19	0.83	91.02	0.82	90.85
53.0-54.0	8.58	0.78	91.80	0.78	91.64
54.0-55.0	8.01	0.74	92.54	0.74	92.37
55.0-56.0	7.30	0.69	93.23	0.69	93.06
56.0-57.0	6.33	0.62	93.86	0.62	93.69
57.0-58.0	5.24	0.54	94.39	0.53	94.22
58.0-59.0	4.36	0.45	94.84	0.45	94.67
59.0-60.0	3.92	0.39	95.23	0.39	95.06
60.0-61.0	3.63	0.36	95.59	0.36	95.42
61.0-62.0	3.45	0.34	95.93	0.34	95.76
62.0-63.0	3.25	0.33	96.26	0.33	96.09
63.0-64.0	3.05	0.31	96.57	0.31	96.39
64.0-65.0	2.87	0.29	96.86	0.29	96.69
65.0-66.0	2.68	0.28	97.14	0.28	96.96
66.0-67.0	2.50	0.26	97.40	0.26	97.22
67.0-68.0	2.32	0.24	97.64	0.24	97.47
68.0-69.0	2.15	0.23	97.87	0.23	97.69
69.0-70.0	1.99	0.21	98.08	0.21	97.91
70.0-71.0	1.85	0.20	98.28	0.20	98.10
71.0-72.0	1.72	0.19	98.47	0.19	98.29
72.0-73.0	1.58	0.17	98.64	0.17	98.46
73.0-74.0	1.46	0.16	98.80	0.16	98.62
74.0-75.0	1.34	0.15	98.95	0.15	98.77
75.0-76.0	1.23	0.14	99.08	0.14	98.91
76.0-77.0	1.14	0.13	99.21	0.13	99.03
77.0-78.0	1.04	0.12	99.33	0.12	99.15
78.0-79.0	0.96	0.11	99.43	0.11	99.26
79.0-80.0	0.88	0.10	99.53	0.10	99.36
80.0-81.0	0.80	0.09	99.63	0.09	99.45

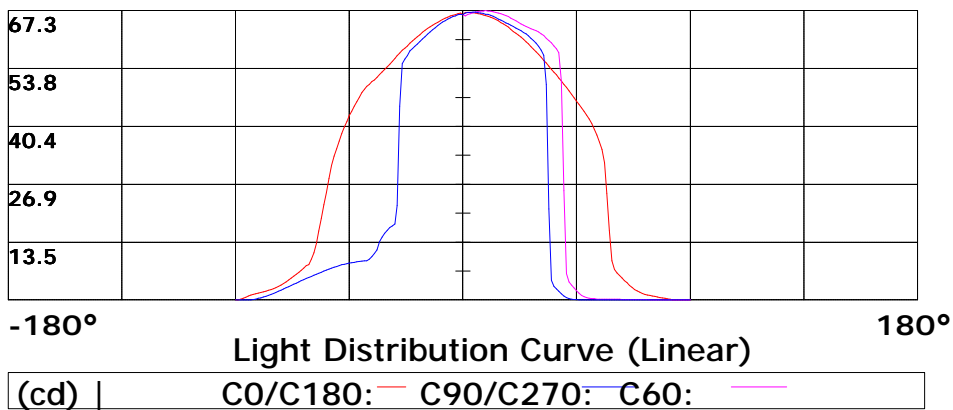
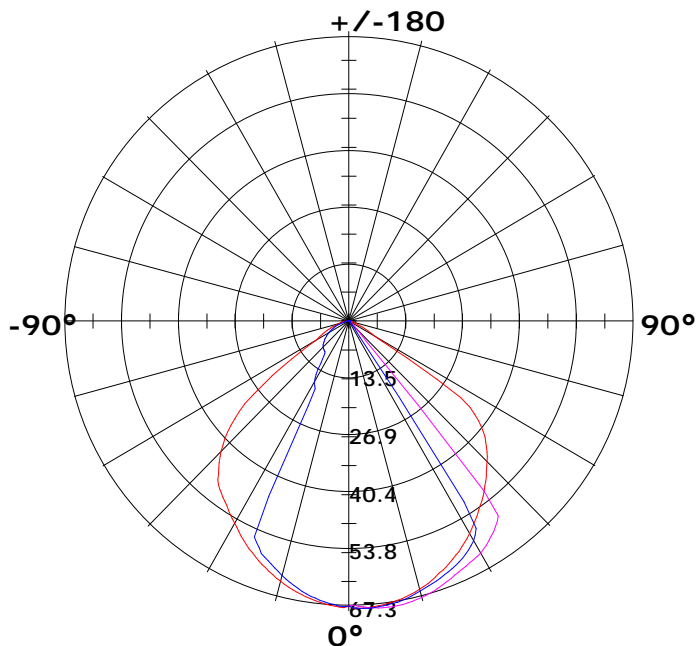
Iso-Candela [cd]

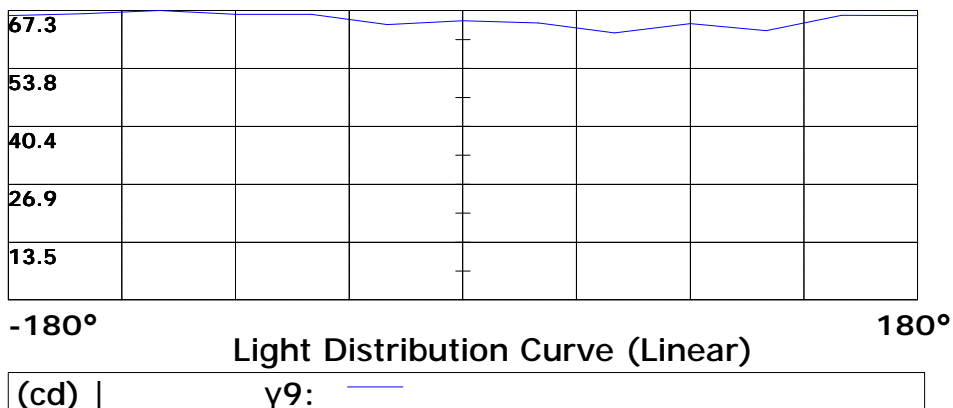
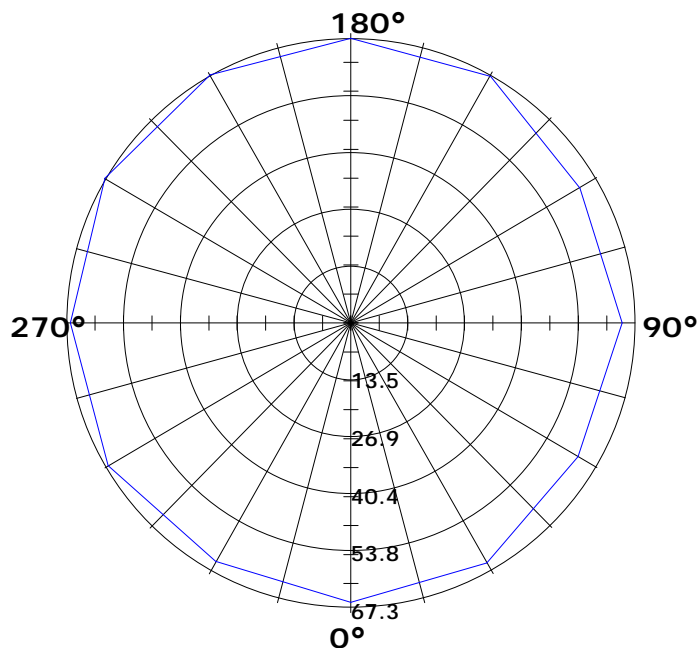


Coefficient Utilization Curve

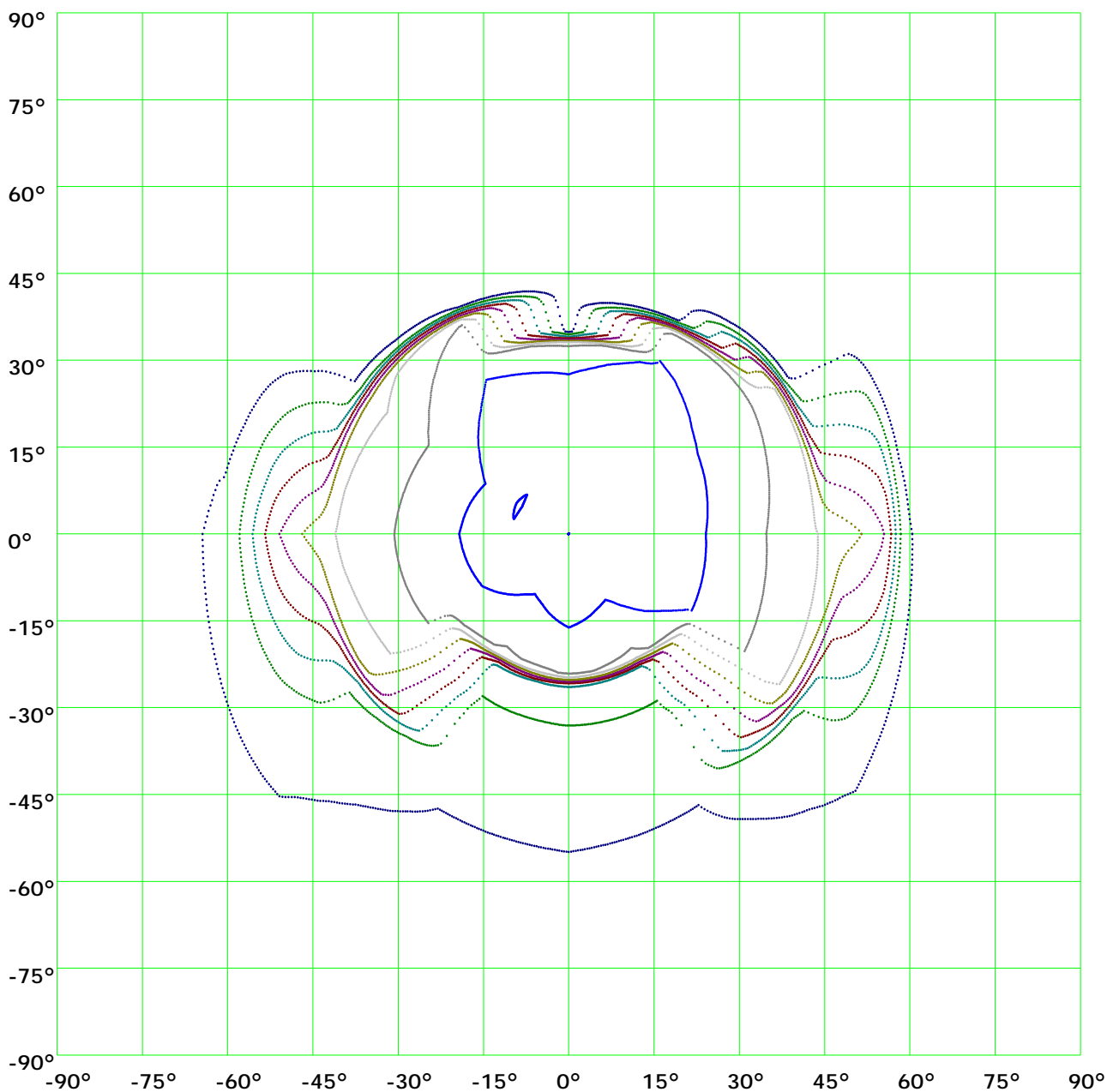


Light Distribution Curve [Unit: cd]



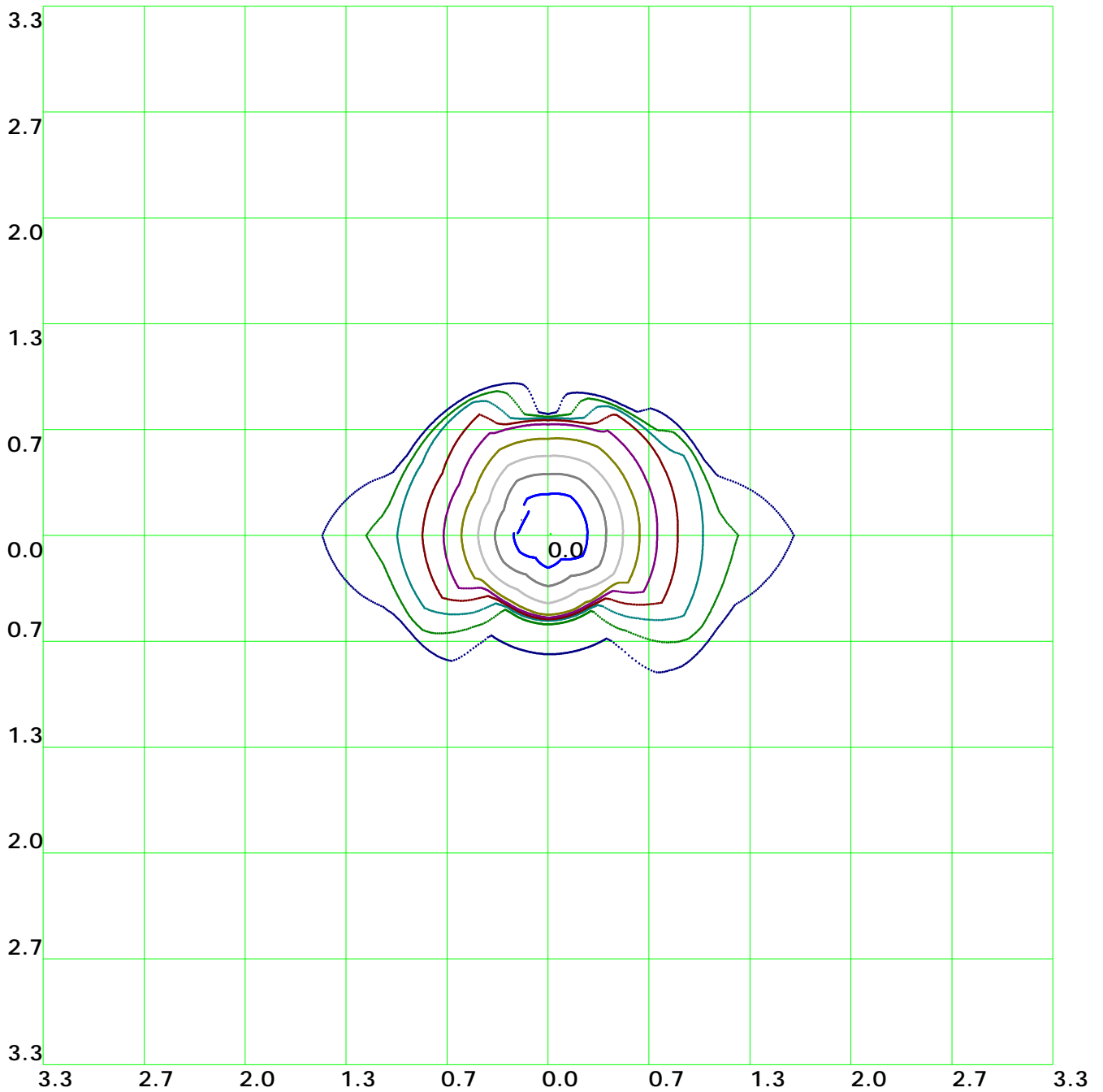


Isocandela(rectangle)



— (10%): 6.7cd	— (20%): 13.5cd	— (30%): 20.2cd	— (40%): 26.9cd
— (50%): 33.6cd	— (60%): 40.4cd	— (70%): 47.1cd	— (80%): 53.8cd
— (90%): 60.6cd	— (100%): 67.3cd		

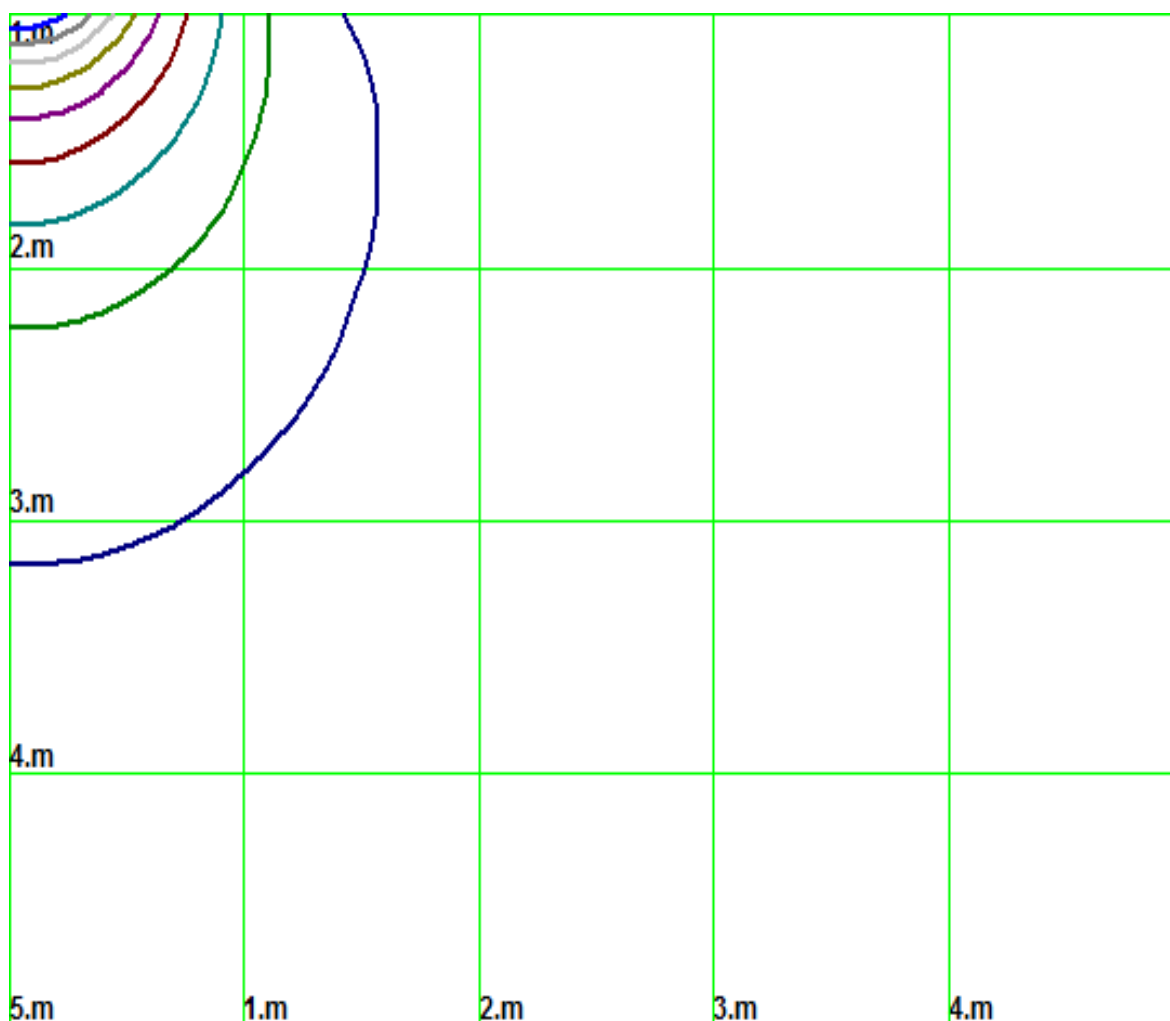
Isolx curve



Height: 1 m

- | | | | |
|-----------------|------------------|-----------------|-----------------|
| — (10%): 6.7lx | — (20%): 13.5lx | — (30%): 20.2lx | — (40%): 26.9lx |
| — (50%): 33.6lx | — (60%): 40.4lx | — (70%): 47.1lx | — (80%): 53.8lx |
| — (90%): 60.6lx | — (100%): 67.2lx | | |

Space Isolx Curve



- | | | | |
|-----------------|------------------|-----------------|-----------------|
| — (10%): 6.7lx | — (20%): 13.5lx | — (30%): 20.2lx | — (40%): 26.9lx |
| — (50%): 33.6lx | — (60%): 40.4lx | — (70%): 47.1lx | — (80%): 53.8lx |
| — (90%): 60.6lx | — (100%): 67.2lx | | |

Luminance Limiting Curve

Diameter: 0mm

Length: 0mm

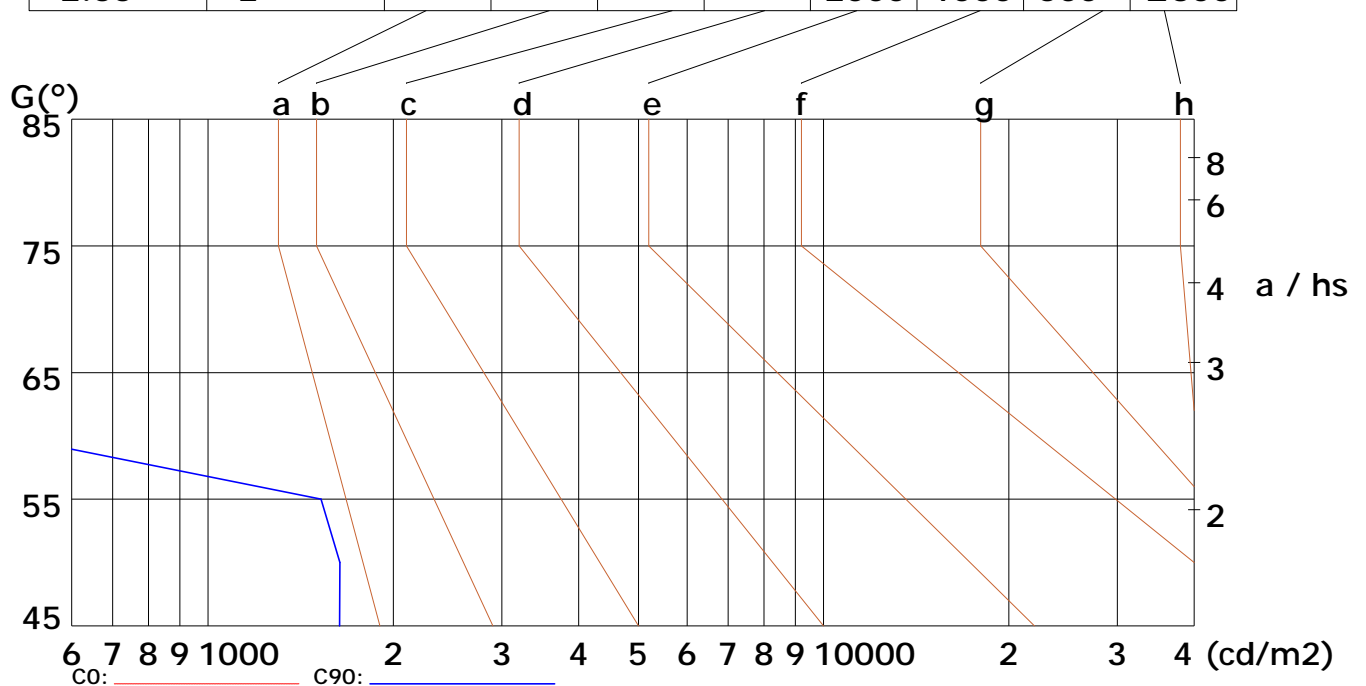
Width: 200mm

Height: 0mm

(cd/m²)

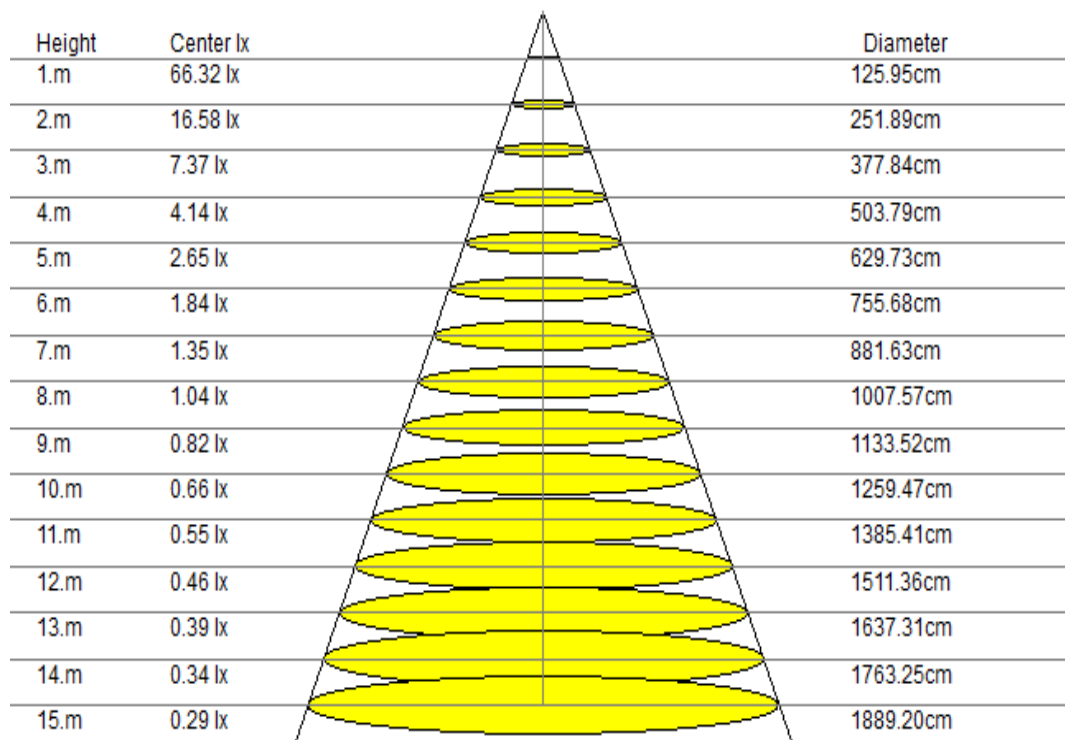
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	4	1	1	2	0	0	0	0	
C90	1634	1638	1525	354	238	132	87	53	

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

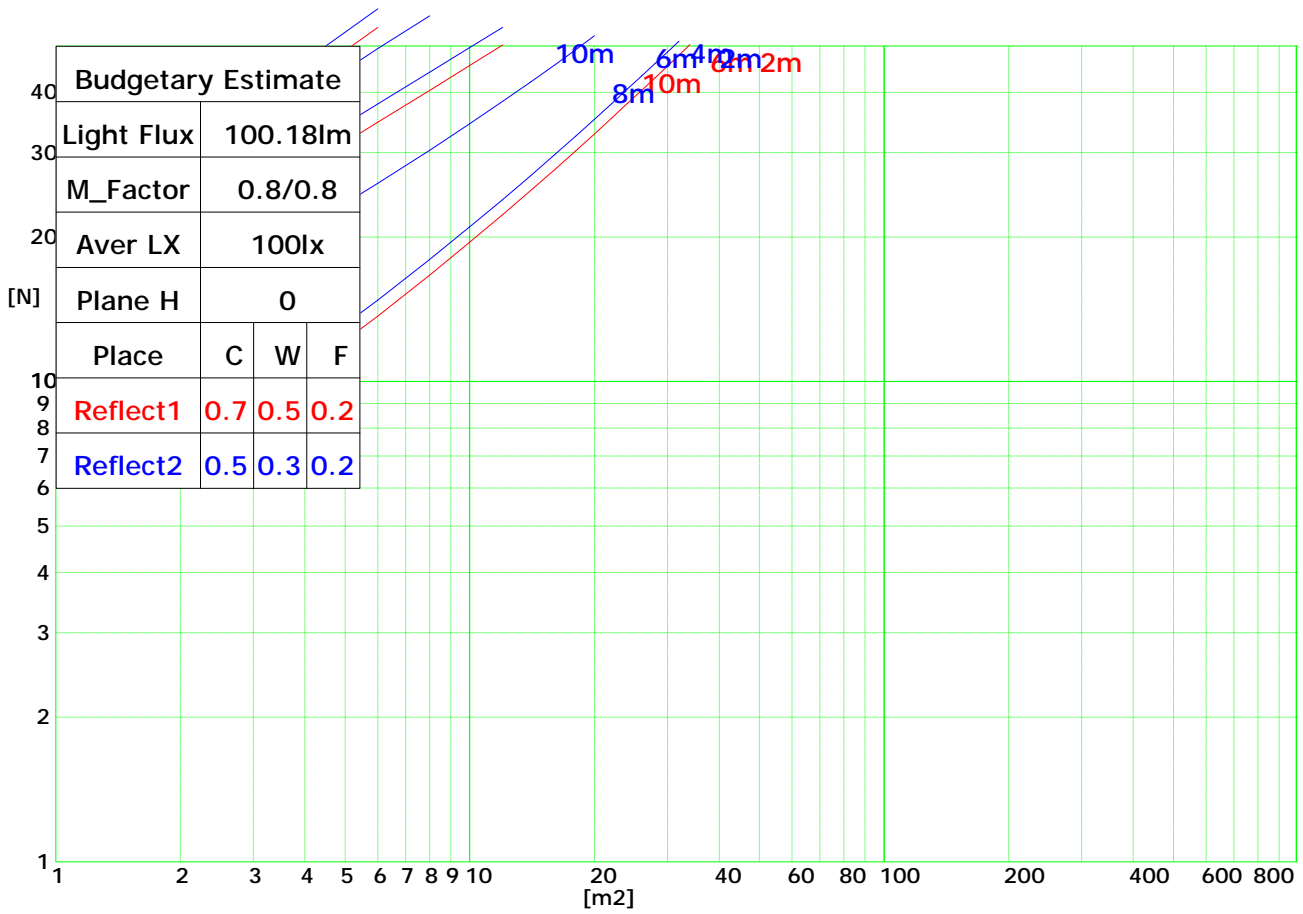


Beam Angle: 64.40°(50%Imax)

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	1.11	1.10	1.09	1.09	1.08	1.07	1.05	1.04	1.02	1.00	0.98	0.97	0.93	0.91	0.90	0.85
2	1.00	0.98	0.97	0.99	0.97	0.95	0.96	0.93	0.91	0.91	0.89	0.86	0.86	0.83	0.81	0.76
3	0.90	0.88	0.87	0.90	0.87	0.85	0.87	0.84	0.82	0.84	0.80	0.77	0.80	0.76	0.72	0.68
4	0.82	0.80	0.78	0.81	0.79	0.77	0.80	0.76	0.73	0.77	0.73	0.70	0.74	0.69	0.66	0.61
5	0.75	0.72	0.71	0.74	0.71	0.70	0.73	0.69	0.66	0.71	0.67	0.63	0.69	0.64	0.59	0.56
6	0.68	0.66	0.65	0.68	0.65	0.63	0.67	0.63	0.60	0.66	0.61	0.57	0.64	0.58	0.54	0.51
7	0.62	0.60	0.59	0.62	0.60	0.58	0.62	0.58	0.55	0.61	0.56	0.52	0.59	0.54	0.50	0.46
8	0.57	0.55	0.54	0.58	0.55	0.53	0.57	0.53	0.51	0.57	0.52	0.48	0.56	0.50	0.46	0.42
9	0.53	0.51	0.50	0.53	0.51	0.49	0.53	0.49	0.47	0.53	0.48	0.44	0.52	0.46	0.42	0.39
10	0.49	0.47	0.46	0.49	0.47	0.45	0.50	0.46	0.43	0.49	0.45	0.41	0.49	0.43	0.39	0.36

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	13.9	15.1	14.1	15.0	15.5	13.8	14.9	14.0	15.1	15.4
	3H	15.4	16.4	15.6	16.8	17.0	15.3	16.5	15.7	16.9	17.0
	4H	16.0	17.0	16.5	17.5	17.8	15.9	17.0	16.2	17.5	17.7
	6H	16.6	17.6	17.0	17.9	18.0	16.5	17.5	16.9	17.8	18.1
	8H	17.0	17.9	17.1	18.0	18.3	16.7	17.7	16.9	18.0	18.3
4H	12H	16.9	17.7	17.2	18.1	18.3	16.9	17.7	17.1	18.1	18.4
	2H	14.8	15.7	15.0	16.0	16.0	14.8	15.7	14.9	15.9	16.1
	3H	16.4	17.3	16.7	17.3	17.8	16.4	17.3	16.7	17.4	17.8
	4H	17.2	18.0	17.6	18.1	18.5	17.0	17.8	17.4	18.1	18.4
	6H	17.7	18.4	18.1	18.6	18.9	17.6	18.3	18.1	18.7	19.0
8H	8H	17.9	18.7	18.4	18.9	19.2	18.0	18.6	18.3	18.9	19.2
	12H	18.2	18.7	18.5	19.1	19.3	18.2	18.8	18.4	19.0	19.4
	4H	17.5	18.1	17.9	18.3	18.8	17.3	18.0	17.8	18.3	18.7
	6H	18.3	18.8	18.8	19.1	19.4	18.1	18.7	18.6	19.1	19.5
	8H	18.6	19.1	19.0	19.3	19.8	18.5	18.9	19.0	19.4	19.7
12H	12H	18.9	19.3	19.4	19.6	19.9	18.8	19.2	19.2	19.6	19.9
	4H	17.5	18.1	17.9	18.5	18.8	17.5	18.0	17.9	18.5	18.7
	6H	18.4	18.9	18.7	19.1	19.6	18.4	18.7	18.6	19.1	19.5
	8H	18.8	19.3	19.3	19.4	19.8	18.7	19.1	19.2	19.5	19.8