慧谱仪器科技有限公司
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Luminaire Property

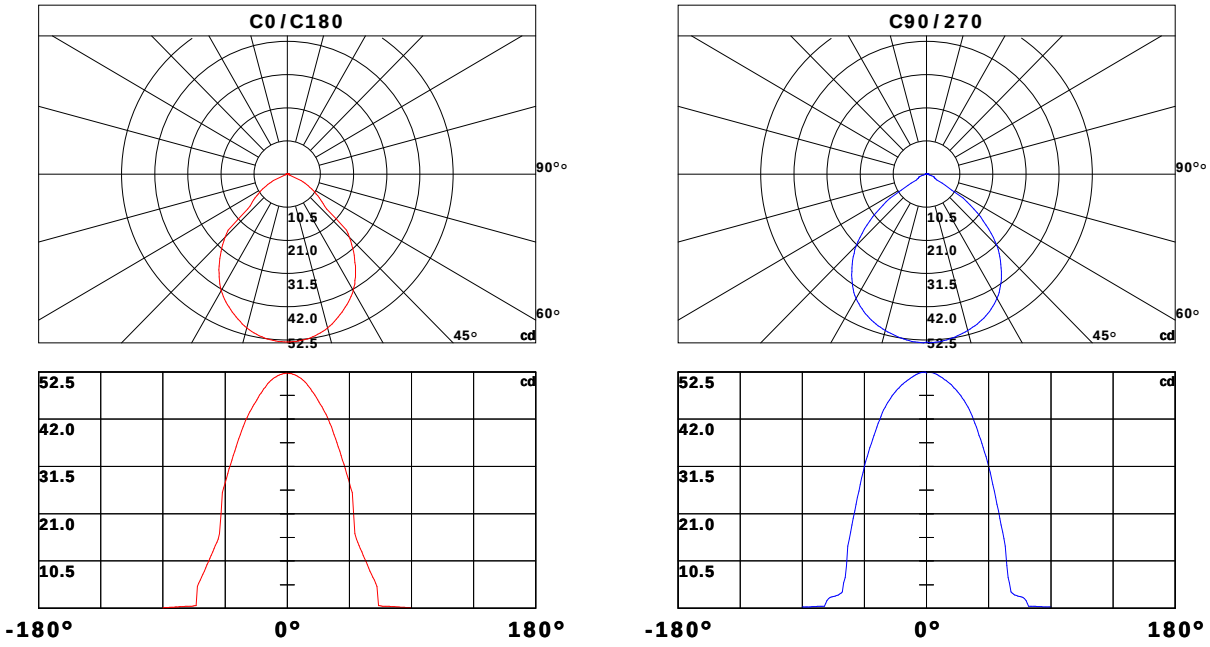
Luminaire Description: GW-9103
Luminaire Categorie:
Lamp Categorie:
Lamp Description:
Number of Lamp:
Lamp Lumens(lm): 104.56
Luminous Length(m): 0.0
Luminous Width(m): 0.0
Luminous Height(m): 0.0

Voltage: 220.7 V
Current: 0.026 A
Power: 3.06 W
Power Factor: 0.518
Test Lab: HuiPu-lab
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Luminaire Lumens: 104.56 lm
Efficiency: 34.1699 lm/W
Central Intensity: 52.216cd
Max. Intensity: 52.529cd
Field Angle(10%Imax): NA

Max.Intensity Angle: C:60.0 G:2.0
Beam Angle(50%Imax): 92.79, 94.52
Luminaire Efficacy Rating(LER) : 100.00%
Upward Ratio: NA
Downward Ratio: NA
Beamwidth(50%Imax): H=92.79V=94.52



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	52.2	52.2	52.1	52.1	52.0	51.9	51.8	51.6	51.5	51.3
C15.0	52.2	51.9	51.9	51.8	51.7	51.6	51.5	51.3	51.1	51.0
C30.0	52.2	52.4	52.4	52.3	52.3	52.2	52.1	51.9	51.6	51.4
C45.0	52.2	51.9	51.9	51.8	51.8	51.7	51.6	51.5	51.4	51.3
C60.0	52.2	52.5	52.5	52.4	52.4	52.3	52.2	52.1	51.9	51.7
C75.0	52.2	52.0	52.0	51.9	51.9	51.8	51.7	51.6	51.5	51.4
C90.0	52.2	52.4	52.4	52.4	52.3	52.3	52.1	52.0	51.8	51.7
C105.0	52.2	52.1	52.0	52.0	51.9	51.8	51.7	51.5	51.4	51.2
C120.0	52.2	52.3	52.3	52.2	52.1	52.0	51.9	51.7	51.5	51.3
C135.0	52.2	52.2	52.2	52.1	52.0	51.8	51.7	51.5	51.3	51.0
C150.0	52.2	52.2	52.1	52.1	52.0	51.9	51.7	51.5	51.3	51.0
C165.0	52.2	52.4	52.4	52.3	52.2	52.1	51.9	51.7	51.5	51.3
C180.0	52.2	52.2	52.1	52.1	52.0	51.9	51.8	51.6	51.5	51.3
C195.0	52.2	51.9	51.9	51.8	51.7	51.6	51.5	51.3	51.1	51.0
C210.0	52.2	52.4	52.4	52.3	52.3	52.2	52.1	51.9	51.6	51.4
C225.0	52.2	51.9	51.9	51.8	51.8	51.7	51.6	51.5	51.4	51.3
C240.0	52.2	52.5	52.5	52.4	52.4	52.3	52.2	52.1	51.9	51.7
C255.0	52.2	52.0	52.0	51.9	51.9	51.8	51.7	51.6	51.5	51.4
C270.0	52.2	52.4	52.4	52.4	52.3	52.3	52.1	52.0	51.8	51.7
C285.0	52.2	52.1	52.0	52.0	51.9	51.8	51.7	51.5	51.4	51.2
C300.0	52.2	52.3	52.3	52.2	52.1	52.0	51.9	51.7	51.5	51.3
C315.0	52.2	52.2	52.2	52.1	52.0	51.8	51.7	51.5	51.3	51.0
C330.0	52.2	52.2	52.1	52.1	52.0	51.9	51.7	51.5	51.3	51.0
C345.0	52.2	52.4	52.4	52.3	52.2	52.1	51.9	51.7	51.5	51.3
C360.0	52.2	52.2	52.1	52.1	52.0	51.9	51.8	51.6	51.5	51.3
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	51.0	50.8	50.5	50.2	49.9	49.5	49.1	48.7	48.2	47.8
C15.0	50.7	50.5	50.2	49.9	49.6	49.2	48.8	48.4	48.0	47.6
C30.0	51.2	50.9	50.6	50.3	50.0	49.6	49.3	48.9	48.5	48.0
C45.0	51.1	50.9	50.6	50.4	50.1	49.8	49.4	49.0	48.7	48.3
C60.0	51.5	51.3	51.0	50.8	50.5	50.2	49.9	49.6	49.2	48.9
C75.0	51.3	51.1	50.9	50.7	50.5	50.2	50.0	49.7	49.4	49.0
C90.0	51.5	51.2	51.0	50.8	50.6	50.4	50.1	49.8	49.6	49.3
C105.0	51.1	50.9	50.6	50.4	50.2	49.9	49.6	49.3	49.0	48.7
C120.0	51.0	50.8	50.5	50.2	49.9	49.6	49.2	48.9	48.5	48.1
C135.0	50.8	50.5	50.2	49.9	49.6	49.2	48.8	48.4	48.0	47.6
C150.0	50.8	50.5	50.2	49.9	49.6	49.2	48.8	48.4	47.9	47.5
C165.0	51.0	50.7	50.4	50.1	49.7	49.3	49.0	48.5	48.2	47.7
C180.0	51.0	50.8	50.5	50.2	49.9	49.5	49.1	48.7	48.2	47.8
C195.0	50.7	50.5	50.2	49.9	49.6	49.2	48.8	48.4	48.0	47.6
C210.0	51.2	50.9	50.6	50.3	50.0	49.6	49.3	48.9	48.5	48.0
C225.0	51.1	50.9	50.6	50.4	50.1	49.8	49.4	49.0	48.7	48.3
C240.0	51.5	51.3	51.0	50.8	50.5	50.2	49.9	49.6	49.2	48.9

Light intensity data Unit[cd]

C255.0	51.3	51.1	50.9	50.7	50.5	50.2	50.0	49.7	49.4	49.0
C270.0	51.5	51.2	51.0	50.8	50.6	50.4	50.1	49.8	49.6	49.3
C285.0	51.1	50.9	50.6	50.4	50.2	49.9	49.6	49.3	49.0	48.7
C300.0	51.0	50.8	50.5	50.2	49.9	49.6	49.2	48.9	48.5	48.1
C315.0	50.8	50.5	50.2	49.9	49.6	49.2	48.8	48.4	48.0	47.6
C330.0	50.8	50.5	50.2	49.9	49.6	49.2	48.8	48.4	47.9	47.5
C345.0	51.0	50.7	50.4	50.1	49.7	49.3	49.0	48.5	48.2	47.7
C360.0	51.0	50.8	50.5	50.2	49.9	49.5	49.1	48.7	48.2	47.8
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	47.3	46.8	46.3	45.8	45.3	44.8	44.2	43.7	43.1	42.5
C15.0	47.1	46.6	46.1	45.6	45.1	44.6	44.0	43.5	42.9	42.2
C30.0	47.6	47.1	46.6	46.1	45.6	45.1	44.6	44.1	43.5	43.0
C45.0	47.9	47.4	47.0	46.6	46.1	45.6	45.1	44.5	43.9	43.3
C60.0	48.5	48.1	47.7	47.3	46.9	46.5	46.1	45.6	45.2	44.7
C75.0	48.7	48.4	48.0	47.6	47.2	46.7	46.3	45.7	45.2	44.5
C90.0	48.9	48.6	48.3	47.9	47.5	47.1	46.7	46.2	45.7	45.2
C105.0	48.3	47.9	47.5	47.1	46.6	46.2	45.8	45.3	44.8	44.2
C120.0	47.7	47.3	46.8	46.4	46.0	45.5	45.0	44.6	44.1	43.6
C135.0	47.2	46.8	46.3	45.8	45.3	44.8	44.3	43.5	43.2	42.6
C150.0	47.0	46.6	46.1	45.6	45.1	44.6	44.1	43.5	43.0	42.4
C165.0	47.3	46.8	46.4	45.9	45.3	44.8	44.3	43.7	43.1	42.5
C180.0	47.3	46.8	46.3	45.8	45.3	44.8	44.2	43.7	43.1	42.5
C195.0	47.1	46.6	46.1	45.6	45.1	44.6	44.0	43.5	42.9	42.2
C210.0	47.6	47.1	46.6	46.1	45.6	45.1	44.6	44.1	43.5	43.0
C225.0	47.9	47.4	47.0	46.6	46.1	45.6	45.1	44.5	43.9	43.3
C240.0	48.5	48.1	47.7	47.3	46.9	46.5	46.1	45.6	45.2	44.7
C255.0	48.7	48.4	48.0	47.6	47.2	46.7	46.3	45.7	45.2	44.5
C270.0	48.9	48.6	48.3	47.9	47.5	47.1	46.7	46.2	45.7	45.2
C285.0	48.3	47.9	47.5	47.1	46.6	46.2	45.8	45.3	44.8	44.2
C300.0	47.7	47.3	46.8	46.4	46.0	45.5	45.0	44.6	44.1	43.6
C315.0	47.2	46.8	46.3	45.8	45.3	44.8	44.3	43.5	43.2	42.6
C330.0	47.0	46.6	46.1	45.6	45.1	44.6	44.1	43.5	43.0	42.4
C345.0	47.3	46.8	46.4	45.9	45.3	44.8	44.3	43.7	43.1	42.5
C360.0	47.3	46.8	46.3	45.8	45.3	44.8	44.2	43.7	43.1	42.5
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	41.8	41.0	40.3	39.4	38.6	37.6	36.8	35.8	34.9	33.9
C15.0	41.5	40.8	40.1	39.2	38.4	37.5	36.6	35.8	34.9	33.9
C30.0	42.5	41.8	41.2	40.4	39.6	38.8	37.9	37.0	36.1	35.1
C45.0	42.5	41.7	41.0	40.1	39.2	38.3	37.4	36.5	35.6	34.6
C60.0	44.2	43.6	43.0	42.3	41.6	40.8	39.9	39.1	38.2	37.4
C75.0	43.8	43.1	42.4	41.5	40.6	39.7	38.7	37.8	36.8	35.8
C90.0	44.6	44.1	43.4	42.7	41.9	41.1	40.3	39.4	38.4	37.5

Light intensity data Unit[cd]

C105.0	43.5	42.9	42.1	41.3	40.5	39.5	38.6	37.7	36.8	35.8
C120.0	43.0	42.5	41.9	41.2	40.6	39.8	39.1	38.3	37.5	36.6
C135.0	42.0	41.4	40.7	39.9	39.1	38.3	37.5	36.7	35.8	34.8
C150.0	41.8	41.2	40.6	39.9	39.2	38.5	37.7	37.0	36.1	35.2
C165.0	42.0	41.3	40.7	40.0	39.3	38.6	37.8	36.9	36.0	35.0
C180.0	41.8	41.0	40.3	39.4	38.6	37.6	36.8	35.8	34.9	33.9
C195.0	41.5	40.8	40.1	39.2	38.4	37.5	36.6	35.8	34.9	33.9
C210.0	42.5	41.8	41.2	40.4	39.6	38.8	37.9	37.0	36.1	35.1
C225.0	42.5	41.7	41.0	40.1	39.2	38.3	37.4	36.5	35.6	34.6
C240.0	44.2	43.6	43.0	42.3	41.6	40.8	39.9	39.1	38.2	37.4
C255.0	43.8	43.1	42.4	41.5	40.6	39.7	38.7	37.8	36.8	35.8
C270.0	44.6	44.1	43.4	42.7	41.9	41.1	40.3	39.4	38.4	37.5
C285.0	43.5	42.9	42.1	41.3	40.5	39.5	38.6	37.7	36.8	35.8
C300.0	43.0	42.5	41.9	41.2	40.6	39.8	39.1	38.3	37.5	36.6
C315.0	42.0	41.4	40.7	39.9	39.1	38.3	37.5	36.7	35.8	34.8
C330.0	41.8	41.2	40.6	39.9	39.2	38.5	37.7	37.0	36.1	35.2
C345.0	42.0	41.3	40.7	40.0	39.3	38.6	37.8	36.9	36.0	35.0
C360.0	41.8	41.0	40.3	39.4	38.6	37.6	36.8	35.8	34.9	33.9
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	33.0	32.0	31.0	30.0	28.9	27.9	26.8	25.7	21.0	16.6
C15.0	33.0	32.1	31.1	30.2	29.1	28.1	27.1	22.3	17.5	16.0
C30.0	34.2	33.3	32.3	31.3	30.2	29.2	28.0	26.8	25.6	24.3
C45.0	33.7	32.8	31.9	31.0	30.0	29.1	28.1	27.1	23.8	19.2
C60.0	36.3	35.4	34.3	33.3	32.1	31.0	29.8	28.6	27.3	26.0
C75.0	34.9	34.0	32.9	32.0	31.0	30.1	29.1	28.0	27.0	25.9
C90.0	36.6	35.7	34.7	33.7	32.6	31.5	30.2	28.9	27.5	26.1
C105.0	34.9	33.9	33.0	32.0	31.0	30.0	28.9	27.8	26.5	25.2
C120.0	35.6	34.5	33.4	32.2	30.9	29.6	28.2	26.9	25.5	24.2
C135.0	33.9	32.9	31.9	30.8	29.7	28.6	27.4	26.2	24.9	23.7
C150.0	34.2	33.2	32.0	30.9	29.6	28.3	27.0	25.7	24.4	23.0
C165.0	33.9	32.8	31.6	30.4	29.1	27.9	26.6	25.4	24.1	22.8
C180.0	33.0	32.0	31.0	30.0	28.9	27.9	26.8	25.7	21.0	16.6
C195.0	33.0	32.1	31.1	30.2	29.1	28.1	27.1	22.3	17.5	16.0
C210.0	34.2	33.3	32.3	31.3	30.2	29.2	28.0	26.8	25.6	24.3
C225.0	33.7	32.8	31.9	31.0	30.0	29.1	28.1	27.1	23.8	19.2
C240.0	36.3	35.4	34.3	33.3	32.1	31.0	29.8	28.6	27.3	26.0
C255.0	34.9	34.0	32.9	32.0	31.0	30.1	29.1	28.0	27.0	25.9
C270.0	36.6	35.7	34.7	33.7	32.6	31.5	30.2	28.9	27.5	26.1
C285.0	34.9	33.9	33.0	32.0	31.0	30.0	28.9	27.8	26.5	25.2
C300.0	35.6	34.5	33.4	32.2	30.9	29.6	28.2	26.9	25.5	24.2
C315.0	33.9	32.9	31.9	30.8	29.7	28.6	27.4	26.2	24.9	23.7
C330.0	34.2	33.2	32.0	30.9	29.6	28.3	27.0	25.7	24.4	23.0
C345.0	33.9	32.8	31.6	30.4	29.1	27.9	26.6	25.4	24.1	22.8
C360.0	33.0	32.0	31.0	30.0	28.9	27.9	26.8	25.7	21.0	16.6

Light intensity data Unit[cd]

C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	15.3	14.6	13.9	13.3	12.6	11.8	11.1	10.4	9.7	9.0
C15.0	15.4	14.7	14.1	13.4	12.7	12.0	11.3	10.6	9.8	9.1
C30.0	17.3	14.7	13.1	12.3	11.6	10.8	10.0	9.0	8.2	7.3
C45.0	18.1	17.0	16.3	15.6	14.9	14.2	13.5	12.6	11.8	10.9
C60.0	24.6	23.2	21.7	20.2	18.8	16.0	12.5	10.8	9.0	8.0
C75.0	24.8	23.7	22.6	21.3	20.1	18.9	17.6	16.4	15.0	13.0
C90.0	24.6	23.1	21.6	20.0	18.5	16.9	15.4	13.8	9.5	6.9
C105.0	24.0	22.6	21.3	19.9	18.7	17.4	16.1	14.8	13.6	12.4
C120.0	22.9	21.5	20.2	18.8	17.4	15.9	14.6	13.2	11.8	10.4
C135.0	22.5	21.1	19.8	18.5	17.2	15.9	14.6	13.3	12.1	10.9
C150.0	21.7	20.3	18.9	17.5	16.2	15.0	13.6	12.4	11.3	10.2
C165.0	21.5	20.0	18.7	17.3	16.0	14.8	13.6	12.4	11.4	10.3
C180.0	15.3	14.6	13.9	13.3	12.6	11.8	11.1	10.4	9.7	9.0
C195.0	15.4	14.7	14.1	13.4	12.7	12.0	11.3	10.6	9.8	9.1
C210.0	17.3	14.7	13.1	12.3	11.6	10.8	10.0	9.0	8.2	7.3
C225.0	18.1	17.0	16.3	15.6	14.9	14.2	13.5	12.6	11.8	10.9
C240.0	24.6	23.2	21.7	20.2	18.8	16.0	12.5	10.8	9.0	8.0
C255.0	24.8	23.7	22.6	21.3	20.1	18.9	17.6	16.4	15.0	13.0
C270.0	24.6	23.1	21.6	20.0	18.5	16.9	15.4	13.8	9.5	6.9
C285.0	24.0	22.6	21.3	19.9	18.7	17.4	16.1	14.8	13.6	12.4
C300.0	22.9	21.5	20.2	18.8	17.4	15.9	14.6	13.2	11.8	10.4
C315.0	22.5	21.1	19.8	18.5	17.2	15.9	14.6	13.3	12.1	10.9
C330.0	21.7	20.3	18.9	17.5	16.2	15.0	13.6	12.4	11.3	10.2
C345.0	21.5	20.0	18.7	17.3	16.0	14.8	13.6	12.4	11.4	10.3
C360.0	15.3	14.6	13.9	13.3	12.6	11.8	11.1	10.4	9.7	9.0
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	8.2	7.6	6.9	6.3	5.6	4.9	0.6	0.6	0.5	0.5
C15.0	8.3	7.6	6.8	6.1	5.3	4.6	1.9	0.6	0.6	0.6
C30.0	6.5	5.7	4.8	4.1	3.4	2.9	2.7	2.5	2.4	2.2
C45.0	10.0	9.2	8.1	7.1	6.2	5.3	4.4	3.7	3.1	2.7
C60.0	6.9	5.9	3.4	2.2	1.0	0.6	0.6	0.6	0.6	0.6
C75.0	11.4	9.3	8.2	4.1	2.6	1.3	0.7	0.6	0.6	0.6
C90.0	5.7	3.7	3.4	3.1	2.9	2.8	2.8	2.7	2.6	2.5
C105.0	11.2	10.2	7.9	5.3	4.1	2.6	2.5	2.4	2.2	2.0
C120.0	9.1	7.8	6.4	5.1	3.5	2.9	2.8	2.7	2.5	2.4
C135.0	9.8	8.8	7.8	7.0	6.2	5.6	5.0	4.6	4.3	3.9
C150.0	9.2	8.3	7.5	6.9	6.3	5.8	5.3	4.9	4.4	4.0
C165.0	9.2	7.7	5.9	4.7	3.4	0.7	0.4	0.4	0.4	0.4
C180.0	8.2	7.6	6.9	6.3	5.6	4.9	0.6	0.6	0.5	0.5
C195.0	8.3	7.6	6.8	6.1	5.3	4.6	1.9	0.6	0.6	0.6
C210.0	6.5	5.7	4.8	4.1	3.4	2.9	2.7	2.5	2.4	2.2
C225.0	10.0	9.2	8.1	7.1	6.2	5.3	4.4	3.7	3.1	2.7
C240.0	6.9	5.9	3.4	2.2	1.0	0.6	0.6	0.6	0.6	0.6

Light intensity data Unit[cd]

C255.0	11.4	9.3	8.2	4.1	2.6	1.3	0.7	0.6	0.6	0.6
C270.0	5.7	3.7	3.4	3.1	2.9	2.8	2.8	2.7	2.6	2.5
C285.0	11.2	10.2	7.9	5.3	4.1	2.6	2.5	2.4	2.2	2.0
C300.0	9.1	7.8	6.4	5.1	3.5	2.9	2.8	2.7	2.5	2.4
C315.0	9.8	8.8	7.8	7.0	6.2	5.6	5.0	4.6	4.3	3.9
C330.0	9.2	8.3	7.5	6.9	6.3	5.8	5.3	4.9	4.4	4.0
C345.0	9.2	7.7	5.9	4.7	3.4	0.7	0.4	0.4	0.4	0.4
C360.0	8.2	7.6	6.9	6.3	5.6	4.9	0.6	0.6	0.5	0.5
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
C15.0	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
C30.0	2.0	1.5	0.9	0.6	0.5	0.5	0.5	0.4	0.4	0.4
C45.0	2.0	1.1	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
C60.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
C75.0	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
C90.0	2.4	2.2	1.7	1.1	0.5	0.4	0.4	0.4	0.4	0.4
C105.0	1.8	1.6	1.3	1.1	0.9	0.6	0.4	0.3	0.3	0.3
C120.0	2.2	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.5	0.3
C135.0	3.5	2.9	1.6	1.1	0.8	0.3	0.2	0.2	0.2	0.2
C150.0	3.6	3.2	2.1	1.0	0.6	0.4	0.3	0.2	0.2	0.2
C165.0	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
C180.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
C195.0	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.3	0.3	0.3
C210.0	2.0	1.5	0.9	0.6	0.5	0.5	0.5	0.4	0.4	0.4
C225.0	2.0	1.1	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5
C240.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
C255.0	0.6	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
C270.0	2.4	2.2	1.7	1.1	0.5	0.4	0.4	0.4	0.4	0.4
C285.0	1.8	1.6	1.3	1.1	0.9	0.6	0.4	0.3	0.3	0.3
C300.0	2.2	2.1	1.9	1.7	1.5	1.3	1.0	0.8	0.5	0.3
C315.0	3.5	2.9	1.6	1.1	0.8	0.3	0.2	0.2	0.2	0.2
C330.0	3.6	3.2	2.1	1.0	0.6	0.4	0.3	0.2	0.2	0.2
C345.0	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
C360.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1
C15.0	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
C30.0	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
C45.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
C60.0	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
C75.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
C90.0	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3

Light intensity data Unit[cd]

C105.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
C120.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
C135.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C150.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
C165.0	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
C180.0	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1
C195.0	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1
C210.0	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
C225.0	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
C240.0	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
C255.0	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
C270.0	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
C285.0	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
C300.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1
C315.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
C330.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.2
C345.0	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
C360.0	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.1
C\G	G90.0									
C0.0	0.1									
C15.0	0.1									
C30.0	0.3									
C45.0	0.4									
C60.0	0.4									
C75.0	0.4									
C90.0	0.3									
C105.0	0.2									
C120.0	0.2									
C135.0	0.1									
C150.0	0.1									
C165.0	0.2									
C180.0	0.1									
C195.0	0.1									
C210.0	0.3									
C225.0	0.4									
C240.0	0.4									
C255.0	0.4									
C270.0	0.3									
C285.0	0.2									
C300.0	0.2									
C315.0	0.1									
C330.0	0.1									
C345.0	0.2									
C360.0	0.1									

Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	52.22	0.00	0.00	0.00	0.00
0.0-1.0	52.21	0.05	0.05	0.05	0.05
1.0-2.0	52.19	0.15	0.20	0.14	0.19
2.0-3.0	52.12	0.25	0.45	0.24	0.43
3.0-4.0	52.04	0.35	0.80	0.33	0.76
4.0-5.0	51.94	0.45	1.25	0.43	1.19
5.0-6.0	51.81	0.55	1.79	0.52	1.71
6.0-7.0	51.66	0.64	2.43	0.61	2.33
7.0-8.0	51.48	0.74	3.17	0.71	3.03
8.0-9.0	51.29	0.83	4.00	0.80	3.83
9.0-10.0	51.07	0.93	4.93	0.89	4.72
10.0-11.0	50.82	1.02	5.95	0.97	5.69
11.0-12.0	50.57	1.11	7.06	1.06	6.75
12.0-13.0	50.28	1.20	8.25	1.14	7.89
13.0-14.0	50.00	1.28	9.54	1.23	9.12
14.0-15.0	49.67	1.37	10.91	1.31	10.43
15.0-16.0	49.33	1.45	12.36	1.39	11.82
16.0-17.0	48.96	1.53	13.89	1.46	13.28
17.0-18.0	48.60	1.61	15.50	1.54	14.82
18.0-19.0	48.20	1.68	17.18	1.61	16.43
19.0-20.0	47.80	1.76	18.94	1.68	18.11
20.0-21.0	47.37	1.83	20.76	1.75	19.86
21.0-22.0	46.93	1.90	22.66	1.81	21.67
22.0-23.0	46.48	1.96	24.62	1.87	23.55
23.0-24.0	46.01	2.02	26.64	1.93	25.48
24.0-25.0	45.54	2.08	28.72	1.99	27.47
25.0-26.0	45.03	2.14	30.86	2.04	29.51
26.0-27.0	44.50	2.19	33.05	2.09	31.61
27.0-28.0	43.97	2.24	35.29	2.14	33.75
28.0-29.0	43.40	2.29	37.58	2.19	35.94
29.0-30.0	42.77	2.33	39.90	2.23	38.16
30.0-31.0	42.11	2.36	42.27	2.26	40.42
31.0-32.0	41.44	2.39	44.66	2.29	42.71
32.0-33.0	40.67	2.42	47.08	2.31	45.03
33.0-34.0	39.89	2.44	49.52	2.33	47.36
34.0-35.0	39.04	2.45	51.97	2.34	49.70
35.0-36.0	38.21	2.46	54.43	2.35	52.05
36.0-37.0	37.34	2.46	56.89	2.36	54.41
37.0-38.0	36.42	2.46	59.35	2.35	56.76
38.0-39.0	35.48	2.45	61.81	2.35	59.11
39.0-40.0	34.52	2.44	64.25	2.33	61.45

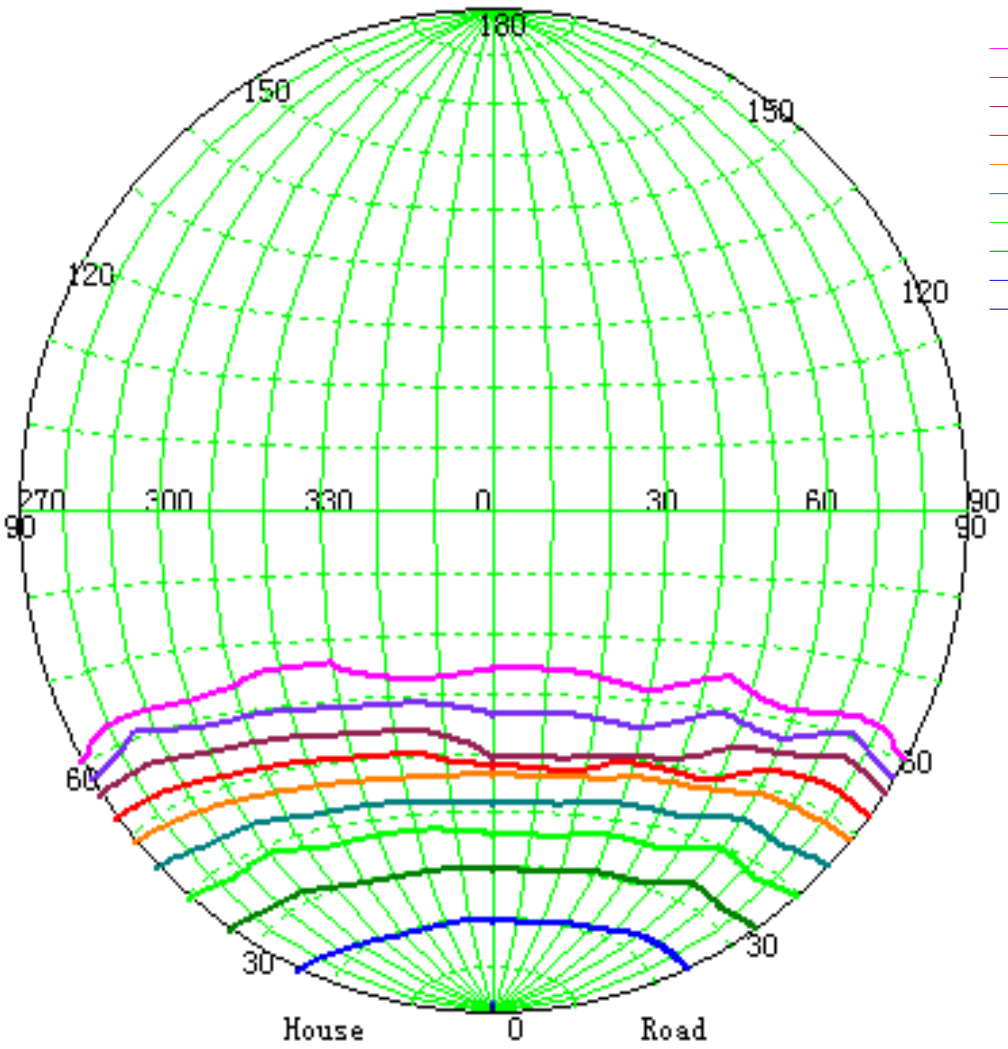
Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	33.55	2.42	66.67	2.32	63.76
41.0-42.0	32.51	2.40	69.07	2.30	66.06
42.0-43.0	31.48	2.37	71.44	2.27	68.33
43.0-44.0	30.37	2.33	73.78	2.23	70.56
44.0-45.0	29.28	2.29	76.07	2.19	72.75
45.0-46.0	28.11	2.24	78.31	2.15	74.90
46.0-47.0	26.60	2.18	80.49	2.08	76.98
47.0-48.0	24.60	2.07	82.56	1.98	78.96
48.0-49.0	22.75	1.94	84.50	1.86	80.82
49.0-50.0	21.05	1.83	86.33	1.75	82.57
50.0-51.0	19.71	1.72	88.05	1.65	84.21
51.0-52.0	18.53	1.64	89.70	1.57	85.78
52.0-53.0	17.35	1.56	91.26	1.49	87.28
53.0-54.0	16.22	1.48	92.74	1.42	88.69
54.0-55.0	14.96	1.39	94.13	1.33	90.02
55.0-56.0	13.64	1.29	95.42	1.24	91.26
56.0-57.0	12.46	1.19	96.61	1.14	92.40
57.0-58.0	11.08	1.09	97.70	1.04	93.44
58.0-59.0	9.87	0.98	98.68	0.94	94.38
59.0-60.0	8.78	0.88	99.56	0.84	95.22
60.0-61.0	7.64	0.78	100.35	0.75	95.97
61.0-62.0	6.42	0.68	101.02	0.65	96.62
62.0-63.0	5.17	0.56	101.59	0.54	97.16
63.0-64.0	4.21	0.46	102.05	0.44	97.60
64.0-65.0	3.34	0.37	102.42	0.36	97.96
65.0-66.0	2.47	0.29	102.71	0.28	98.23
66.0-67.0	2.18	0.23	102.95	0.22	98.46
67.0-68.0	2.01	0.21	103.16	0.20	98.66
68.0-69.0	1.85	0.20	103.35	0.19	98.85
69.0-70.0	1.66	0.18	103.53	0.17	99.02
70.0-71.0	1.42	0.16	103.69	0.15	99.17
71.0-72.0	1.04	0.13	103.82	0.12	99.29
72.0-73.0	0.78	0.10	103.92	0.09	99.38
73.0-74.0	0.62	0.07	103.99	0.07	99.45
74.0-75.0	0.51	0.06	104.05	0.06	99.51
75.0-76.0	0.45	0.05	104.10	0.05	99.56
76.0-77.0	0.41	0.05	104.15	0.04	99.60
77.0-78.0	0.38	0.04	104.19	0.04	99.64
78.0-79.0	0.35	0.04	104.23	0.04	99.68
79.0-80.0	0.33	0.04	104.26	0.03	99.72
80.0-81.0	0.32	0.03	104.30	0.03	99.75

Zonal Luminous Flux Data

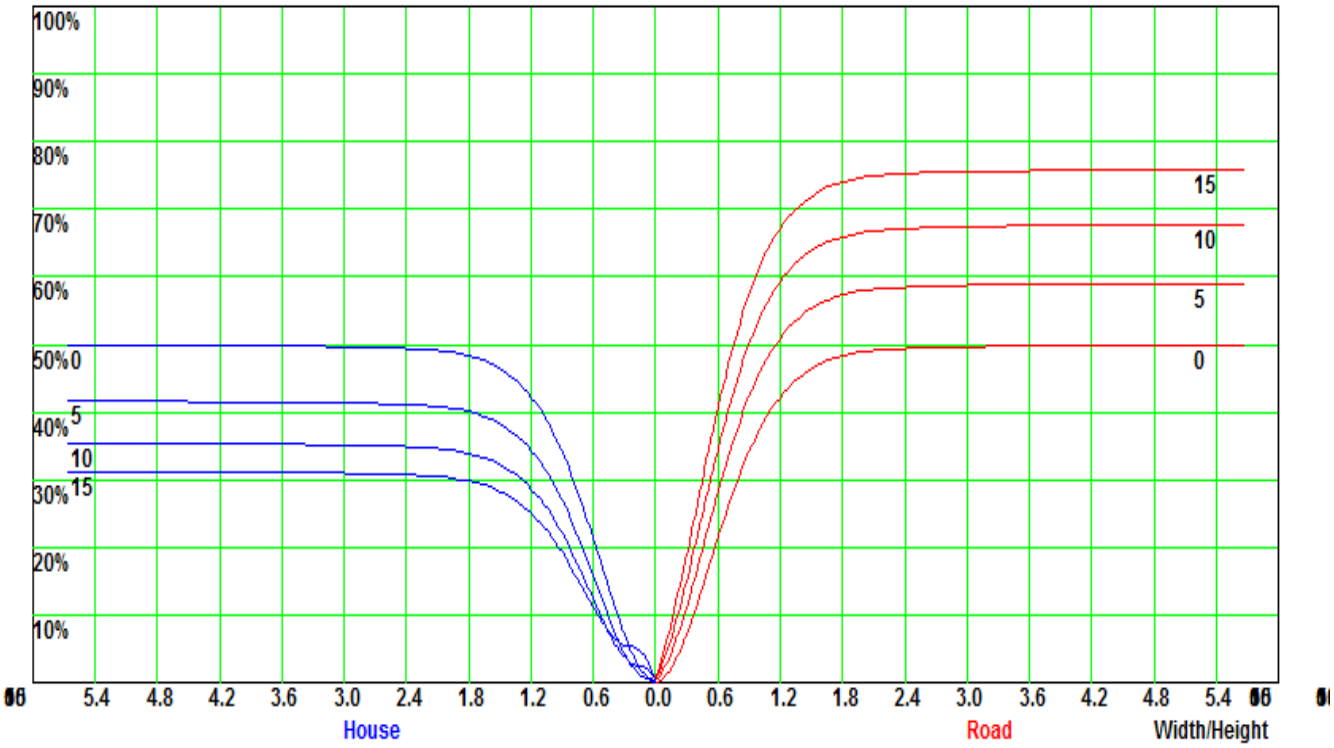
Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	0.31	0.03	104.33	0.03	99.78
82.0-83.0	0.30	0.03	104.36	0.03	99.81
83.0-84.0	0.29	0.03	104.40	0.03	99.84
84.0-85.0	0.28	0.03	104.43	0.03	99.87
85.0-86.0	0.26	0.03	104.46	0.03	99.90
86.0-87.0	0.25	0.03	104.49	0.03	99.93
87.0-88.0	0.24	0.03	104.51	0.03	99.95
88.0-89.0	0.23	0.03	104.54	0.02	99.98
89.0-90.0	0.22	0.02	104.56	0.02	100.00

Iso-Candela [cd]

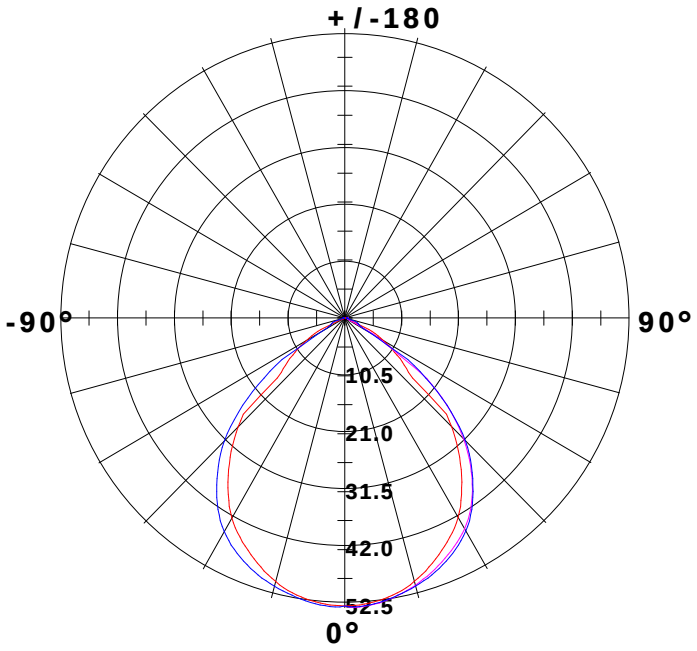


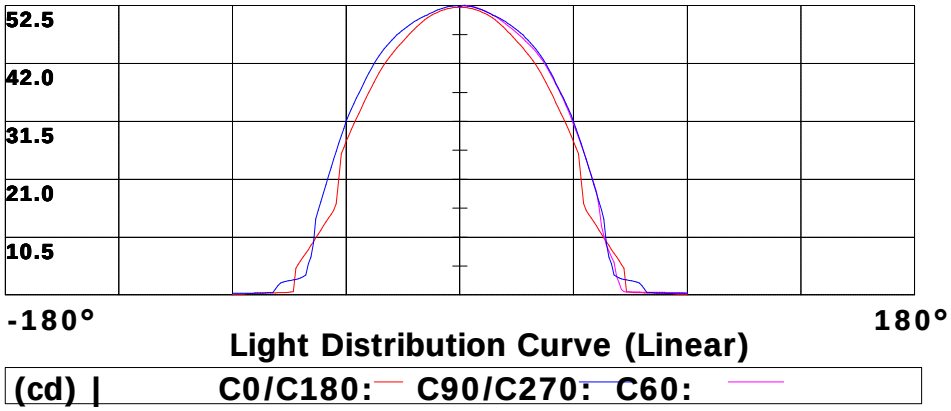
(10%):.13456 cd
(20%):.13456 cd
(30%):.13456 cd
(40%):.1682 cd
(50%):.20184 cd
(60%):.23548 cd
(70%):.26912 cd
(80%):.3364 cd
(90%):.3364 cd
(100%):.37004 cd

Coefficient Utilization Curve



Light Distribution Curve [Unit: cd]

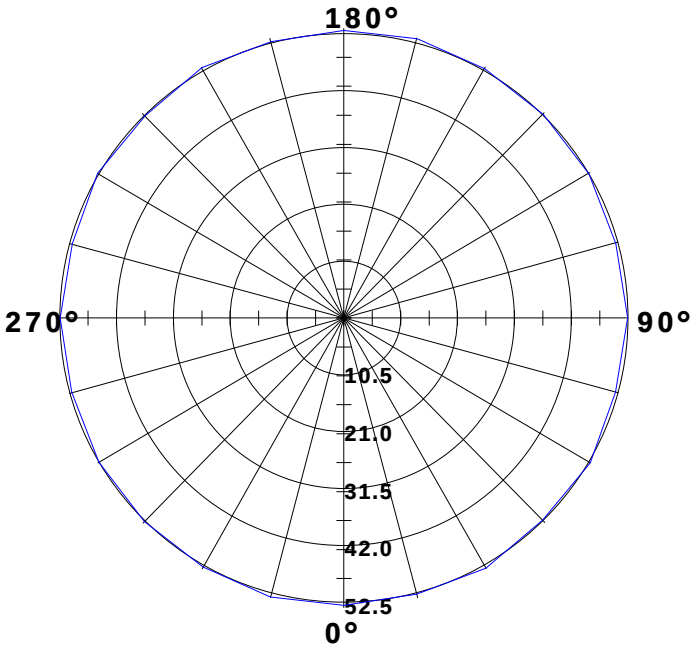


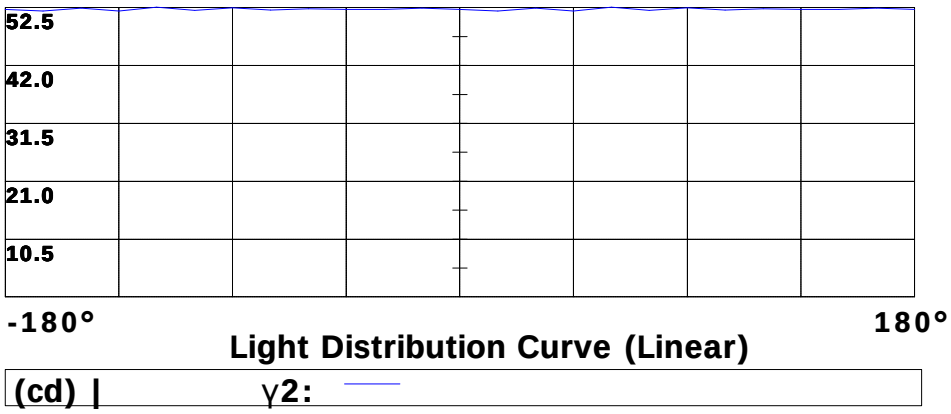


Light Distribution Curve (Linear)

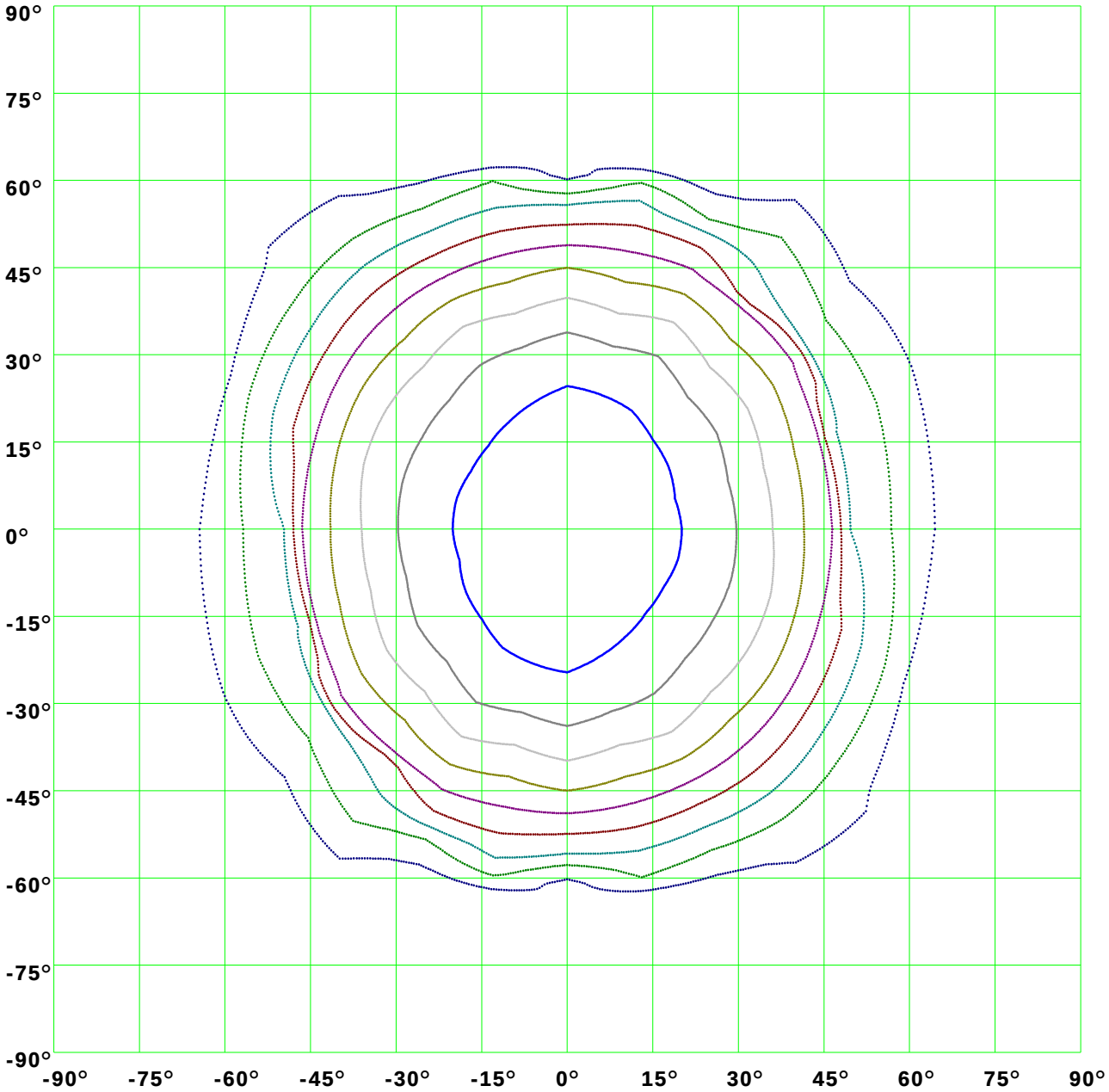
(cd) | C0/C180: C90/C270: C60:

Max Plane Light Distribution Curve [Unit: cd]



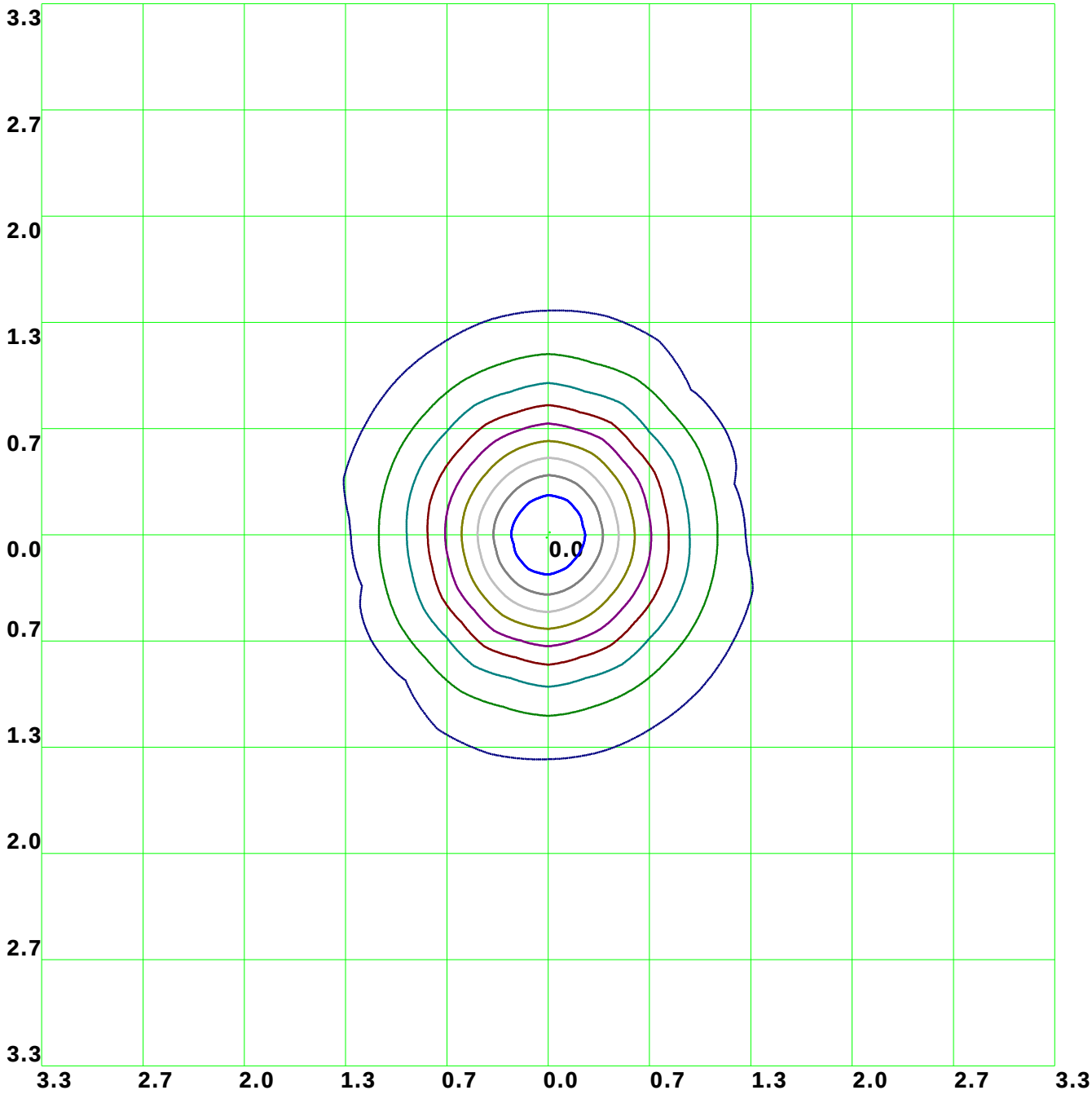


Isocandela(rectangle)



(10%): 5.3cd (20%): 10.5cd (30%): 15.8cd (40%): 21.cd
(50%): 26.3cd (60%): 31.5cd (70%): 36.8cd (80%): 42.cd
(90%): 47.3cd (100%): 52.5cd

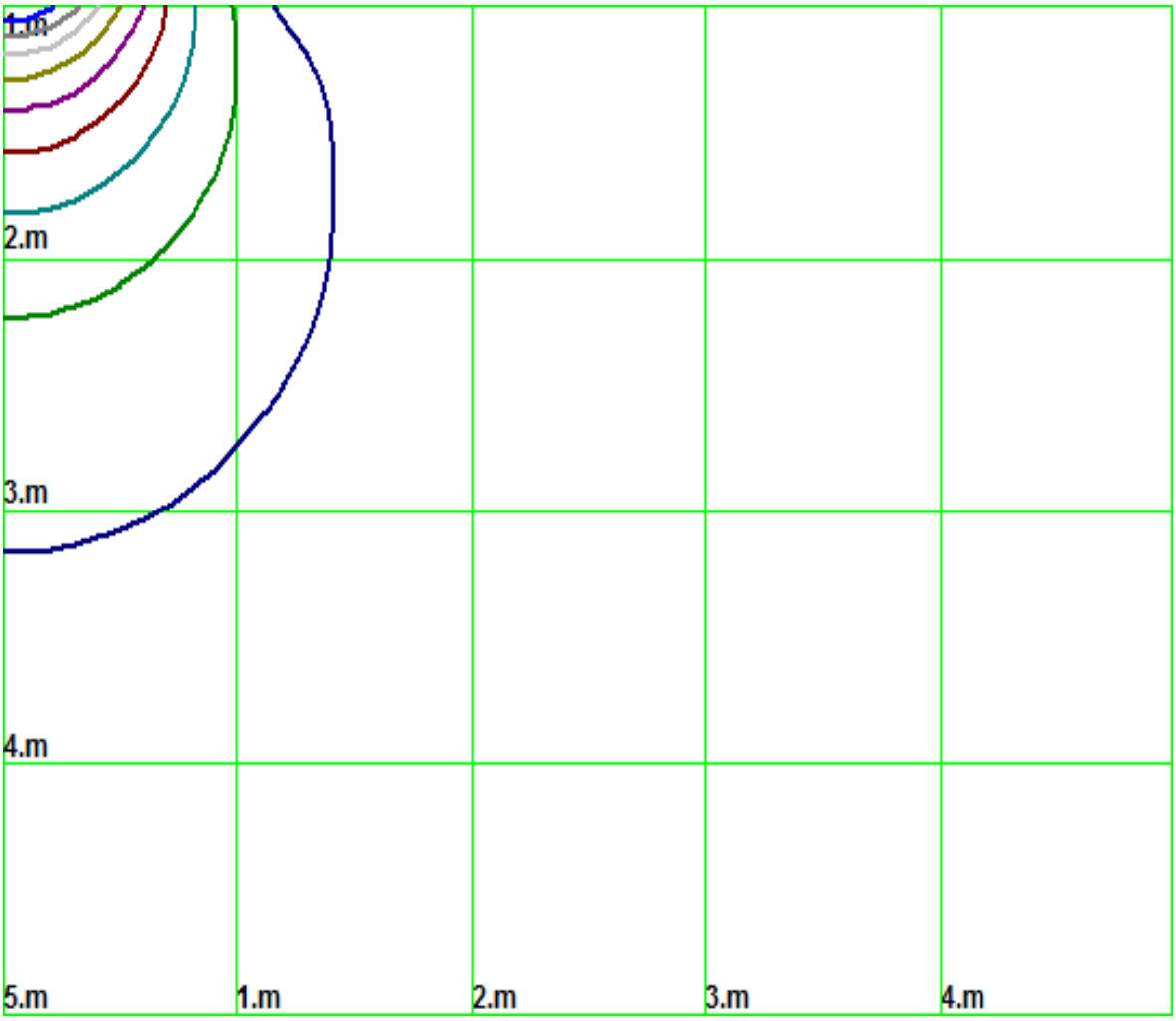
Isolx curve



Height: 1 m

(10%): 5.3lx (20%): 10.5lx (30%): 15.8lx (40%): 21.lx
(50%): 26.3lx (60%): 31.5lx (70%): 36.8lx (80%): 42.lx
(90%): 47.3lx (100%): 52.5lx

Space Isolx Curve



(10%): 5.3lx (20%): 10.5lx (30%): 15.8lx (40%): 21.lx
(50%): 26.3lx (60%): 31.5lx (70%): 36.8lx (80%): 42.lx
(90%): 47.3lx (100%): 52.5lx

Luminance Limitting Curve

Diameter: 0mm

Length: 0mm

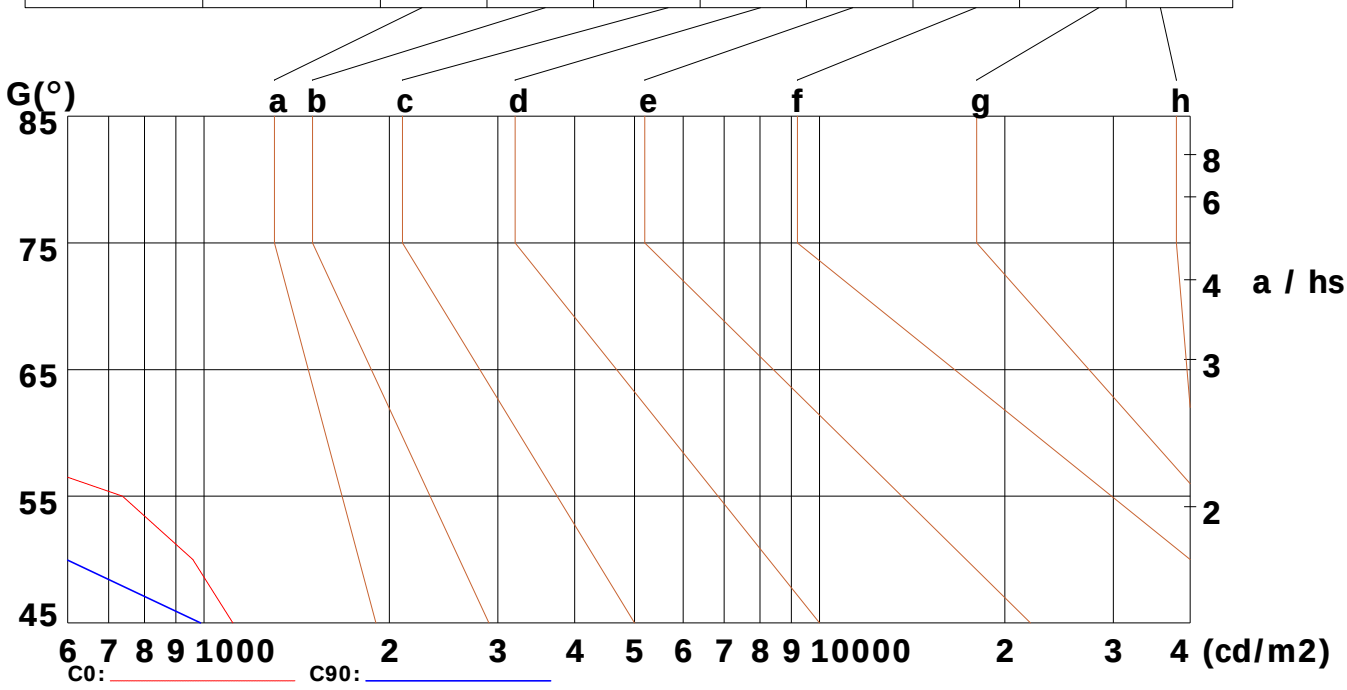
Width: 0mm

Height: 0mm

(cd/m2)

γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	1113	958	737	283	168	173	42	56	96
C90	986	597	512	411	289	33	37	44	63

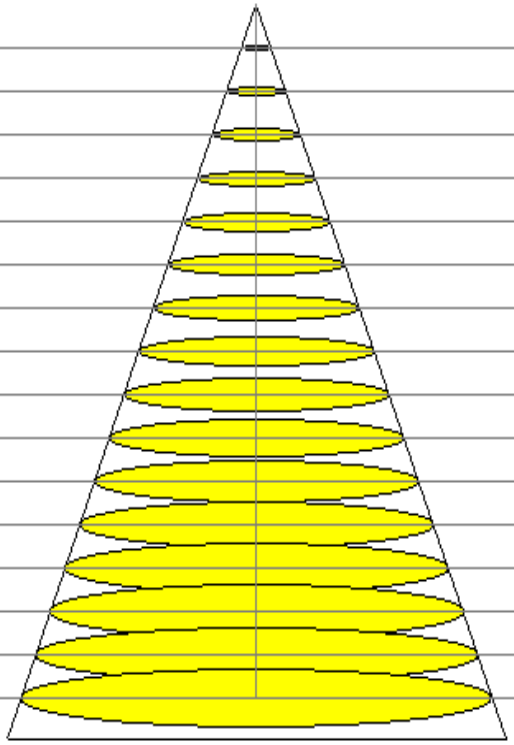
Glare	Quality	Service Values Illuminance (lx)							
1.15	A	2000	1000	500	≤300				
1.5	B		2000	1000	500	≤300			
1.85	C			2000	1000	500	≤300		
2.2	D				2000	1000	500	≤300	
2.55	E					2000	1000	500	≤300



Lum. Limitting Curve (C0/C90)

Lux-Distance Curve

Height	Center lx	Diameter
1.m	52.22 lx	228.46cm
2.m	13.05 lx	456.92cm
3.m	5.80 lx	685.37cm
4.m	3.26 lx	913.83cm
5.m	2.09 lx	1142.29cm
6.m	1.45 lx	1370.75cm
7.m	1.07 lx	1599.21cm
8.m	0.82 lx	1827.67cm
9.m	0.64 lx	2056.12cm
10.m	0.52 lx	2284.58cm
11.m	0.43 lx	2513.04cm
12.m	0.36 lx	2741.50cm
13.m	0.31 lx	2969.96cm
14.m	0.27 lx	3198.41cm
15.m	0.23 lx	3426.87cm
16.m	0.20 lx	3655.33cm

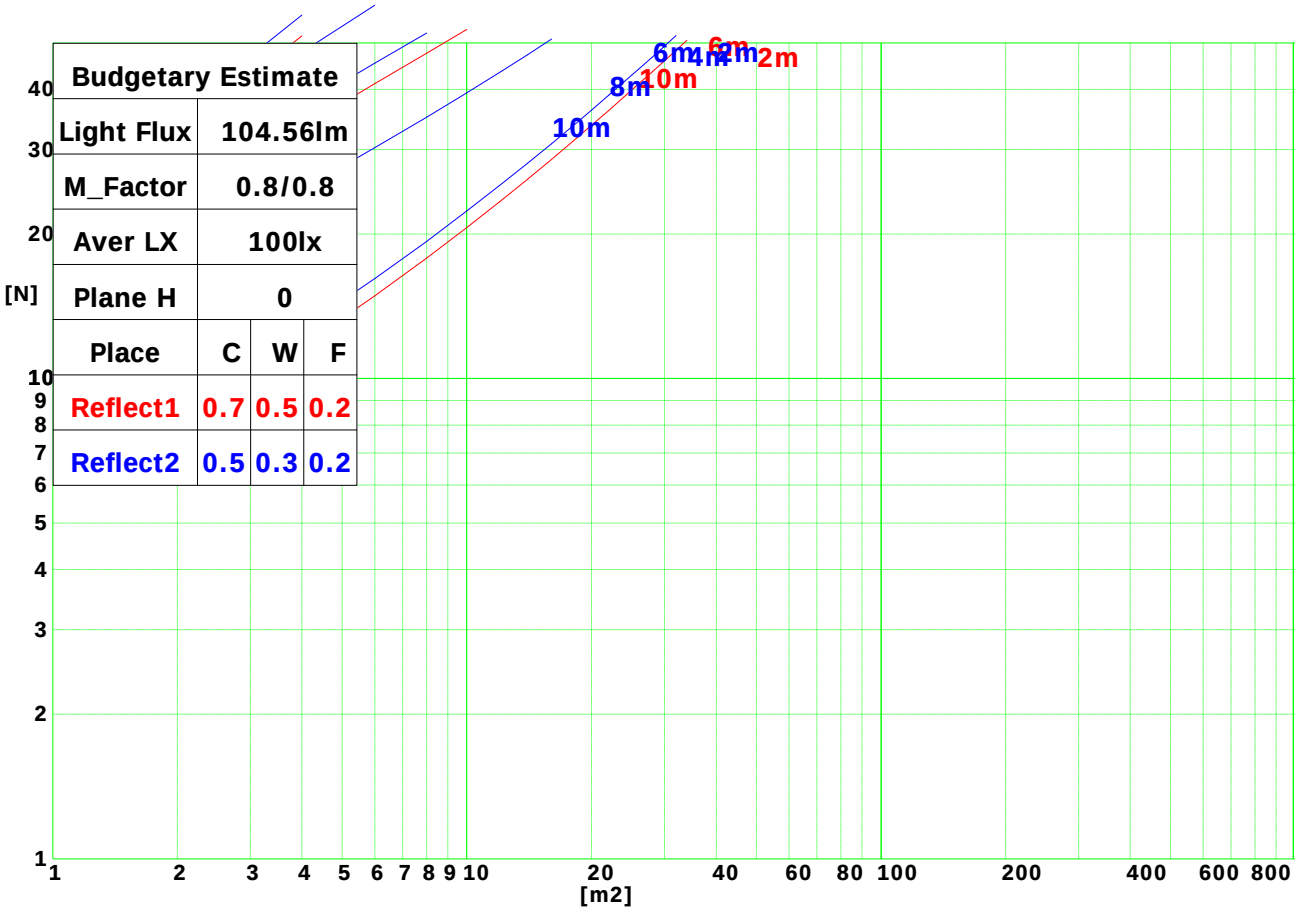


Beam Angle:97.60°(50%Imax)

Cofficiencts 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	COEFFCIENTS 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	1.10	1.09	1.08	1.08	1.07	1.06	1.04	1.03	1.01	0.99	0.97	0.96	0.92	0.91	0.89	0.84
2	0.98	0.96	0.95	0.97	0.95	0.93	0.94	0.91	0.89	0.90	0.87	0.84	0.84	0.81	0.79	0.74
3	0.87	0.85	0.83	0.86	0.84	0.81	0.84	0.81	0.78	0.81	0.77	0.74	0.77	0.73	0.69	0.65
4	0.77	0.75	0.73	0.77	0.74	0.72	0.76	0.72	0.69	0.74	0.69	0.65	0.71	0.66	0.61	0.57
5	0.69	0.67	0.65	0.69	0.66	0.64	0.68	0.64	0.61	0.67	0.62	0.58	0.65	0.59	0.55	0.51
6	0.62	0.60	0.58	0.62	0.59	0.57	0.62	0.58	0.54	0.61	0.56	0.52	0.59	0.54	0.49	0.45
7	0.56	0.54	0.52	0.56	0.53	0.51	0.56	0.52	0.49	0.56	0.51	0.47	0.55	0.49	0.44	0.41
8	0.51	0.49	0.47	0.51	0.48	0.46	0.52	0.47	0.44	0.51	0.46	0.42	0.51	0.45	0.40	0.37
9	0.46	0.44	0.43	0.47	0.44	0.42	0.47	0.43	0.40	0.47	0.42	0.38	0.47	0.41	0.36	0.33
10	0.42	0.40	0.39	0.43	0.40	0.38	0.44	0.40	0.37	0.44	0.39	0.35	0.44	0.38	0.33	0.31

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		Weft 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
	12H	17.9	18.8	18.2	19.3	19.5	17.8	18.7	18.0	19.3	19.6
4H	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	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
8H	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	20.0	20.5	20.5	20.8	21.2	19.8	20.2	20.3	20.8	21.2
12H	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