



## Luminaire Property

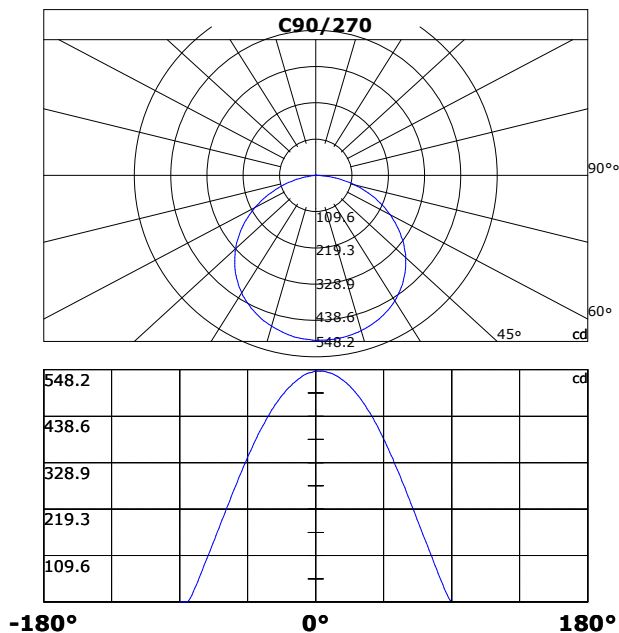
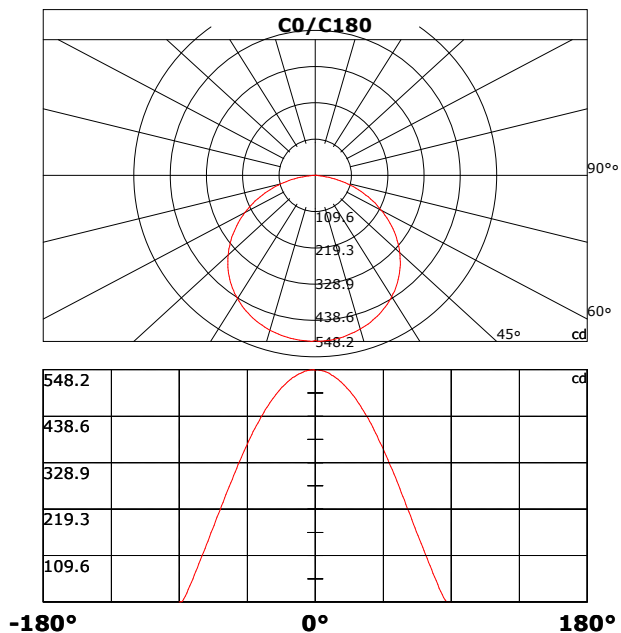
Luminaire Description: B1073-BN  
Luminaire Categorie: DOWNLIGHT 20W  
Lamp Categorie: LED  
Lamp Description: BLANCO NEUTRO 4000K  
Number of Lamp: 1  
Lamp Lumens(lm): 1551.18  
Luminous Length(m): 0.24  
Luminous Width(m): 0.24  
Luminous Height(m): 0.01

Voltage: 230.2 V  
Current: 0.158 A  
Power: 20.94 W  
Power Factor: 0.575  
Test Lab: BLED  
Photometric Type: Type C  
Manufactory: BLED

## Photometric Results

CIE Class: Direct  
Luminaire Lumens: 1551.18 lm  
Efficiency: 74.0774 lm/W  
Central Intensity: 545.811cd  
Max. Intensity: 548.152cd  
Field Angle(10%Imax): NA

Max.Intensity Angle: C:0.0 G:1.0  
Beam Angle(50%Imax): L: -57.8 R:54.3  
Luminaire Efficacy Rating(LER) : 77.559%  
Upward Ratio: NA  
Downward Ratio: NA  
Beamwidth(50%Imax): H=116.64V=117.13





### Light intensity data Unit[cd]

<b>C\G</b>	<b>G0.0</b>	<b>G1.0</b>	<b>G2.0</b>	<b>G3.0</b>	<b>G4.0</b>	<b>G5.0</b>	<b>G6.0</b>	<b>G7.0</b>	<b>G8.0</b>	<b>G9.0</b>
<b>C0.0</b>	545.8	548.2	547.7	547.2	546.6	545.8	544.9	543.5	541.9	539.9
<b>C45.0</b>	545.8	543.8	544.2	544.4	544.3	544.1	543.7	543.3	542.5	541.7
<b>C90.0</b>	545.8	544.8	545.0	544.8	544.7	544.3	543.8	543.1	542.1	541.1
<b>C135.0</b>	545.8	546.2	546.2	546.0	545.5	544.9	544.3	543.4	542.2	541.0
<b>C180.0</b>	545.8	548.2	548.0	547.5	547.0	546.3	545.4	544.3	542.9	541.5
<b>C225.0</b>	545.8	542.6	541.8	540.8	539.6	538.4	536.6	534.9	533.1	531.0
<b>C270.0</b>	545.8	543.9	543.0	542.1	541.3	540.2	539.0	537.1	534.8	532.6
<b>C315.0</b>	545.8	545.8	545.4	544.7	543.9	542.9	541.8	540.3	538.8	537.2
<b>C360.0</b>	545.8	548.2	547.7	547.2	546.6	545.8	544.9	543.5	541.9	539.9
<b>C\G</b>	<b>G10.0</b>	<b>G11.0</b>	<b>G12.0</b>	<b>G13.0</b>	<b>G14.0</b>	<b>G15.0</b>	<b>G16.0</b>	<b>G17.0</b>	<b>G18.0</b>	<b>G19.0</b>
<b>C0.0</b>	538.0	535.5	533.1	530.8	528.2	525.6	522.4	519.4	516.3	512.8
<b>C45.0</b>	540.5	539.4	538.1	536.4	534.6	532.7	530.7	528.2	525.8	523.3
<b>C90.0</b>	540.0	538.5	536.9	535.1	533.3	531.3	528.7	526.4	523.6	521.0
<b>C135.0</b>	539.5	538.1	536.2	534.2	532.0	529.6	527.4	524.3	521.6	518.8
<b>C180.0</b>	539.9	538.2	536.1	533.9	531.6	529.3	526.6	523.6	520.4	517.4
<b>C225.0</b>	528.9	526.2	523.8	521.0	518.1	514.6	511.6	508.2	504.6	500.8
<b>C270.0</b>	530.1	527.5	524.5	521.7	518.7	515.7	512.6	508.8	505.3	501.6
<b>C315.0</b>	535.4	533.2	531.0	528.7	526.3	523.6	520.5	517.4	514.3	510.9
<b>C360.0</b>	538.0	535.5	533.1	530.8	528.2	525.6	522.4	519.4	516.3	512.8
<b>C\G</b>	<b>G20.0</b>	<b>G21.0</b>	<b>G22.0</b>	<b>G23.0</b>	<b>G24.0</b>	<b>G25.0</b>	<b>G26.0</b>	<b>G27.0</b>	<b>G28.0</b>	<b>G29.0</b>
<b>C0.0</b>	508.9	504.9	501.1	497.1	492.7	487.8	483.3	478.5	473.3	468.2
<b>C45.0</b>	520.3	517.7	514.2	511.0	507.5	503.9	499.7	495.8	491.6	487.2
<b>C90.0</b>	517.7	514.5	511.4	507.8	504.2	500.1	496.0	491.9	487.5	482.8
<b>C135.0</b>	515.4	512.1	508.5	504.9	501.0	496.7	492.4	488.0	483.5	478.6
<b>C180.0</b>	514.0	510.2	506.8	502.6	498.7	494.6	489.9	485.4	480.4	475.3
<b>C225.0</b>	496.5	492.5	488.2	483.9	478.6	474.1	469.1	463.7	458.1	452.8
<b>C270.0</b>	497.5	492.9	488.7	484.1	479.7	474.3	469.5	464.5	459.0	453.9
<b>C315.0</b>	507.0	503.3	499.3	495.5	491.1	486.4	481.8	476.9	472.0	466.5
<b>C360.0</b>	508.9	504.9	501.1	497.1	492.7	487.8	483.3	478.5	473.3	468.2
<b>C\G</b>	<b>G30.0</b>	<b>G31.0</b>	<b>G32.0</b>	<b>G33.0</b>	<b>G34.0</b>	<b>G35.0</b>	<b>G36.0</b>	<b>G37.0</b>	<b>G38.0</b>	<b>G39.0</b>
<b>C0.0</b>	462.7	456.8	451.5	444.9	438.6	432.9	426.1	419.8	412.4	405.6
<b>C45.0</b>	483.0	477.7	473.0	467.8	462.6	457.0	451.2	445.8	439.5	432.9
<b>C90.0</b>	477.9	472.9	467.9	462.7	456.8	451.3	445.6	439.2	432.7	426.5
<b>C135.0</b>	473.3	468.2	463.1	457.5	451.9	445.9	439.6	433.7	427.0	419.9
<b>C180.0</b>	470.1	464.9	459.6	453.8	448.4	441.5	436.2	429.3	422.7	416.2
<b>C225.0</b>	447.0	441.2	435.0	428.1	422.0	415.9	409.1	402.1	394.2	387.2
<b>C270.0</b>	447.6	441.5	435.9	429.6	422.4	416.4	409.4	402.8	396.0	388.3
<b>C315.0</b>	461.3	455.8	449.9	443.9	437.5	431.7	425.3	418.5	411.0	404.0
<b>C360.0</b>	462.7	456.8	451.5	444.9	438.6	432.9	426.1	419.8	412.4	405.6



### Light intensity data Unit[cd]

<b>C\G</b>	<b>G40.0</b>	<b>G41.0</b>	<b>G42.0</b>	<b>G43.0</b>	<b>G44.0</b>	<b>G45.0</b>	<b>G46.0</b>	<b>G47.0</b>	<b>G48.0</b>	<b>G49.0</b>
<b>C0.0</b>	398.6	391.4	383.4	376.0	368.7	360.9	353.1	344.3	336.6	328.3
<b>C45.0</b>	426.9	420.5	413.8	407.4	399.4	393.2	385.3	378.6	369.8	362.7
<b>C90.0</b>	420.0	413.7	406.4	399.0	392.0	384.6	377.7	368.9	361.2	353.9
<b>C135.0</b>	413.5	406.7	399.5	392.8	384.3	377.6	369.4	362.4	353.2	345.6
<b>C180.0</b>	409.0	402.8	394.9	387.5	380.4	372.2	365.0	357.1	348.2	340.9
<b>C225.0</b>	380.0	372.7	364.4	356.6	348.5	340.1	331.3	321.2	311.6	301.6
<b>C270.0</b>	380.9	373.6	366.2	357.7	350.2	342.2	334.4	326.2	317.5	309.2
<b>C315.0</b>	396.9	389.7	381.6	373.9	366.0	357.7	349.0	339.1	329.6	319.9
<b>C360.0</b>	398.6	391.4	383.4	376.0	368.7	360.9	353.1	344.3	336.6	328.3
<b>C\G</b>	<b>G50.0</b>	<b>G51.0</b>	<b>G52.0</b>	<b>G53.0</b>	<b>G54.0</b>	<b>G55.0</b>	<b>G56.0</b>	<b>G57.0</b>	<b>G58.0</b>	<b>G59.0</b>
<b>C0.0</b>	320.2	311.9	302.7	294.0	285.7	276.5	267.1	257.9	248.8	240.1
<b>C45.0</b>	354.6	347.2	339.2	330.1	322.5	313.8	305.8	297.3	287.8	279.8
<b>C90.0</b>	345.7	338.2	328.6	320.7	312.6	304.1	294.8	286.3	277.7	268.8
<b>C135.0</b>	337.3	329.6	320.3	311.6	303.7	294.8	286.5	276.7	267.6	259.4
<b>C180.0</b>	332.3	324.7	316.0	306.8	298.7	290.0	281.5	271.9	263.3	254.2
<b>C225.0</b>	291.9	284.2	276.7	268.6	259.6	250.2	238.9	229.6	221.4	212.5
<b>C270.0</b>	301.1	292.6	283.3	274.7	266.3	257.0	247.6	238.5	229.5	220.7
<b>C315.0</b>	311.7	304.0	296.4	288.2	279.4	269.9	258.4	248.9	240.9	232.3
<b>C360.0</b>	320.2	311.9	302.7	294.0	285.7	276.5	267.1	257.9	248.8	240.1
<b>C\G</b>	<b>G60.0</b>	<b>G61.0</b>	<b>G62.0</b>	<b>G63.0</b>	<b>G64.0</b>	<b>G65.0</b>	<b>G66.0</b>	<b>G67.0</b>	<b>G68.0</b>	<b>G69.0</b>
<b>C0.0</b>	230.3	221.2	212.4	203.4	194.2	184.3	175.2	166.1	157.5	147.8
<b>C45.0</b>	270.6	262.4	252.2	243.7	235.2	225.8	216.4	206.9	198.5	188.8
<b>C90.0</b>	260.5	250.1	241.7	233.0	223.6	214.6	204.6	196.1	187.0	177.3
<b>C135.0</b>	249.8	240.5	231.2	222.3	213.7	204.1	194.6	185.0	176.4	166.6
<b>C180.0</b>	245.8	235.4	226.8	218.1	208.7	200.4	189.5	181.1	171.9	163.0
<b>C225.0</b>	202.0	193.5	184.7	175.6	165.9	156.9	148.1	139.4	130.7	121.3
<b>C270.0</b>	211.9	201.9	193.2	184.3	175.1	166.4	156.5	147.6	139.2	129.6
<b>C315.0</b>	222.7	212.2	204.3	195.5	185.6	175.5	167.1	157.8	149.4	139.7
<b>C360.0</b>	230.3	221.2	212.4	203.4	194.2	184.3	175.2	166.1	157.5	147.8
<b>C\G</b>	<b>G70.0</b>	<b>G71.0</b>	<b>G72.0</b>	<b>G73.0</b>	<b>G74.0</b>	<b>G75.0</b>	<b>G76.0</b>	<b>G77.0</b>	<b>G78.0</b>	<b>G79.0</b>
<b>C0.0</b>	138.6	129.5	120.9	111.4	102.7	94.2	85.4	77.0	67.9	59.4
<b>C45.0</b>	180.3	171.2	161.3	152.8	143.5	134.4	125.7	116.0	107.8	98.8
<b>C90.0</b>	169.3	159.1	150.0	141.1	131.9	122.9	113.3	104.3	95.3	86.2
<b>C135.0</b>	158.0	148.8	139.0	130.4	121.3	112.3	103.7	94.1	85.5	77.0
<b>C180.0</b>	154.2	144.1	135.8	126.4	117.2	109.0	98.8	90.4	81.0	72.6
<b>C225.0</b>	112.2	103.1	94.9	86.5	77.8	68.3	60.2	51.1	42.7	33.0
<b>C270.0</b>	121.3	112.2	102.7	93.9	85.1	75.5	66.5	58.1	49.1	40.5
<b>C315.0</b>	131.4	121.4	113.1	104.4	96.1	86.6	79.1	69.9	61.9	53.3
<b>C360.0</b>	138.6	129.5	120.9	111.4	102.7	94.2	85.4	77.0	67.9	59.4



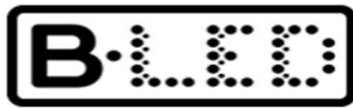
### Light intensity data Unit[cd]

C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
<b>C0.0</b>	51.0	41.8	33.0	24.8	17.5	10.7	4.6	0.5	0.0	0.0
<b>C45.0</b>	89.9	81.1	72.7	63.8	55.3	46.1	37.0	28.6	20.4	13.2
<b>C90.0</b>	77.7	68.5	59.4	50.3	41.8	33.1	24.3	17.0	10.4	4.4
<b>C135.0</b>	68.2	59.6	50.6	43.0	34.9	26.7	19.3	12.7	7.6	3.5
<b>C180.0</b>	63.8	55.0	46.3	38.0	29.7	21.7	14.3	7.5	2.0	0.0
<b>C225.0</b>	25.6	17.9	11.2	6.0	2.1	0.0	0.0	0.0	0.0	0.0
<b>C270.0</b>	32.4	23.7	16.1	9.5	3.5	0.2	0.0	0.0	0.0	0.0
<b>C315.0</b>	45.5	37.0	28.7	20.8	14.3	8.4	3.6	0.3	0.0	0.0
<b>C360.0</b>	51.0	41.8	33.0	24.8	17.5	10.7	4.6	0.5	0.0	0.0
<b>C\G</b>	<b>G90.0</b>									
<b>C0.0</b>	0.0									
<b>C45.0</b>	7.0									
<b>C90.0</b>	1.0									
<b>C135.0</b>	0.0									
<b>C180.0</b>	0.0									
<b>C225.0</b>	0.0									
<b>C270.0</b>	0.0									
<b>C315.0</b>	0.0									
<b>C360.0</b>	0.0									



## Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	545.81	0.00	0.00	0.00	0.00
0.0-1.0	545.43	0.52	0.52	0.03	0.03
1.0-2.0	545.14	1.57	2.09	0.08	0.10
2.0-3.0	544.69	2.61	4.69	0.13	0.23
3.0-4.0	544.10	3.64	8.34	0.18	0.42
4.0-5.0	543.38	4.68	13.02	0.23	0.65
5.0-6.0	542.45	5.71	18.72	0.29	0.94
6.0-7.0	541.25	6.73	25.45	0.34	1.27
7.0-8.0	539.78	7.74	33.19	0.39	1.66
8.0-9.0	538.26	8.74	41.92	0.44	2.10
9.0-10.0	536.54	9.73	51.65	0.49	2.58
10.0-11.0	534.59	10.70	62.35	0.54	3.12
11.0-12.0	532.46	11.66	74.02	0.58	3.70
12.0-13.0	530.23	12.61	86.63	0.63	4.33
13.0-14.0	527.85	13.54	100.17	0.68	5.01
14.0-15.0	525.31	14.46	114.63	0.72	5.73
15.0-16.0	522.57	15.35	129.98	0.77	6.50
16.0-17.0	519.53	16.23	146.21	0.81	7.31
17.0-18.0	516.50	17.08	163.29	0.85	8.16
18.0-19.0	513.33	17.92	181.21	0.90	9.06
19.0-20.0	509.68	18.72	199.93	0.94	10.00
20.0-21.0	506.00	19.50	219.44	0.98	10.97
21.0-22.0	502.27	20.26	239.70	1.01	11.98
22.0-23.0	498.37	21.00	260.70	1.05	13.03
23.0-24.0	494.17	21.70	282.40	1.09	14.12
24.0-25.0	489.74	22.37	304.77	1.12	15.24
25.0-26.0	485.22	23.01	327.78	1.15	16.39
26.0-27.0	480.59	23.63	351.41	1.18	17.57
27.0-28.0	475.67	24.21	375.62	1.21	18.78
28.0-29.0	470.66	24.76	400.38	1.24	20.02
29.0-30.0	465.38	25.27	425.65	1.26	21.28
30.0-31.0	459.86	25.75	451.40	1.29	22.57
31.0-32.0	454.49	26.20	477.60	1.31	23.88
32.0-33.0	448.55	26.60	504.20	1.33	25.21
33.0-34.0	442.52	26.97	531.17	1.35	26.56
34.0-35.0	436.57	27.30	558.47	1.37	27.92
35.0-36.0	430.32	27.60	586.07	1.38	29.30
36.0-37.0	423.89	27.86	613.93	1.39	30.70
37.0-38.0	416.95	28.07	641.99	1.40	32.10
38.0-39.0	410.09	28.23	670.22	1.41	33.51
39.0-40.0	403.23	28.37	698.59	1.42	34.93

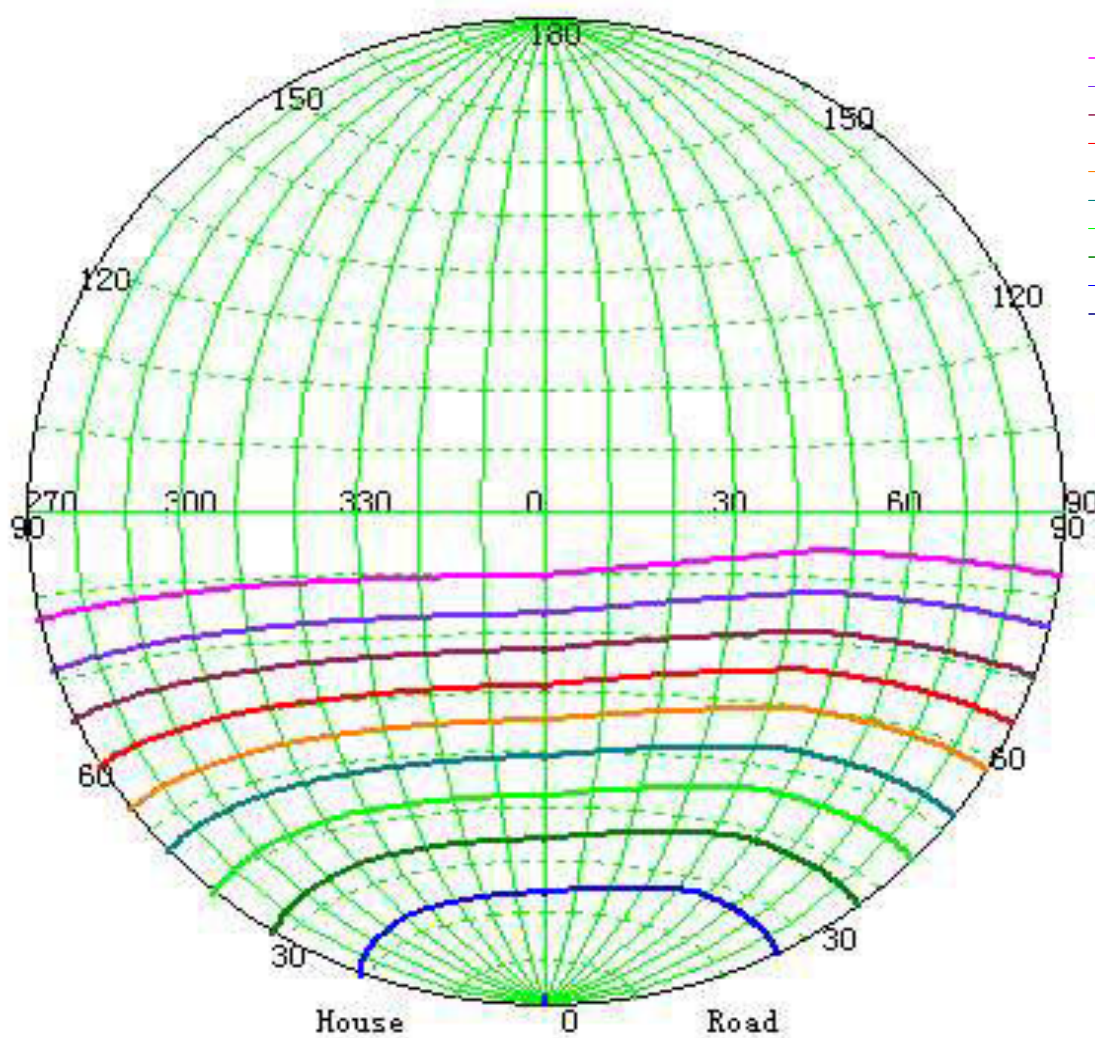


## Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	396.38	28.47	727.06	1.42	36.35
41.0-42.0	388.78	28.53	755.59	1.43	37.78
42.0-43.0	381.37	28.53	784.12	1.43	39.21
43.0-44.0	373.67	28.50	812.62	1.42	40.63
44.0-45.0	366.06	28.43	841.04	1.42	42.05
45.0-46.0	358.14	28.32	869.37	1.42	43.47
46.0-47.0	349.71	28.15	897.52	1.41	44.88
47.0-48.0	340.95	27.92	925.44	1.40	46.27
48.0-49.0	332.75	27.67	953.11	1.38	47.66
49.0-50.0	324.35	27.40	980.50	1.37	49.03
50.0-51.0	316.56	27.12	1007.62	1.36	50.38
51.0-52.0	307.89	26.80	1034.41	1.34	51.72
52.0-53.0	299.34	26.41	1060.83	1.32	53.04
53.0-54.0	291.06	26.02	1086.85	1.30	54.34
54.0-55.0	282.04	25.58	1112.43	1.28	55.62
55.0-56.0	272.57	25.06	1137.49	1.25	56.87
56.0-57.0	263.37	24.50	1162.00	1.23	58.10
57.0-58.0	254.61	23.95	1185.95	1.20	59.30
58.0-59.0	245.97	23.40	1209.36	1.17	60.47
59.0-60.0	236.72	22.80	1232.16	1.14	61.61
60.0-61.0	227.15	22.14	1254.30	1.11	62.71
61.0-62.0	218.32	21.47	1275.76	1.07	63.79
62.0-63.0	209.47	20.81	1296.57	1.04	64.83
63.0-64.0	200.25	20.10	1316.67	1.01	65.83
64.0-65.0	191.01	19.36	1336.03	0.97	66.80
65.0-66.0	181.50	18.59	1354.62	0.93	67.73
66.0-67.0	172.49	17.80	1372.42	0.89	68.62
67.0-68.0	163.83	17.04	1389.46	0.85	69.47
68.0-69.0	154.25	16.23	1405.68	0.81	70.28
69.0-70.0	145.66	15.40	1421.09	0.77	71.05
70.0-71.0	136.18	14.57	1435.65	0.73	71.78
71.0-72.0	127.21	13.70	1449.35	0.68	72.47
72.0-73.0	118.37	12.84	1462.19	0.64	73.11
73.0-74.0	109.45	11.98	1474.17	0.60	73.71
74.0-75.0	100.42	11.09	1485.25	0.55	74.26
75.0-76.0	91.59	10.19	1495.45	0.51	74.77
76.0-77.0	82.63	9.29	1504.74	0.46	75.24
77.0-78.0	73.90	8.38	1513.12	0.42	75.66
78.0-79.0	65.11	7.47	1520.58	0.37	76.03
79.0-80.0	56.77	6.57	1527.15	0.33	76.36
80.0-81.0	48.09	5.67	1532.83	0.28	76.64

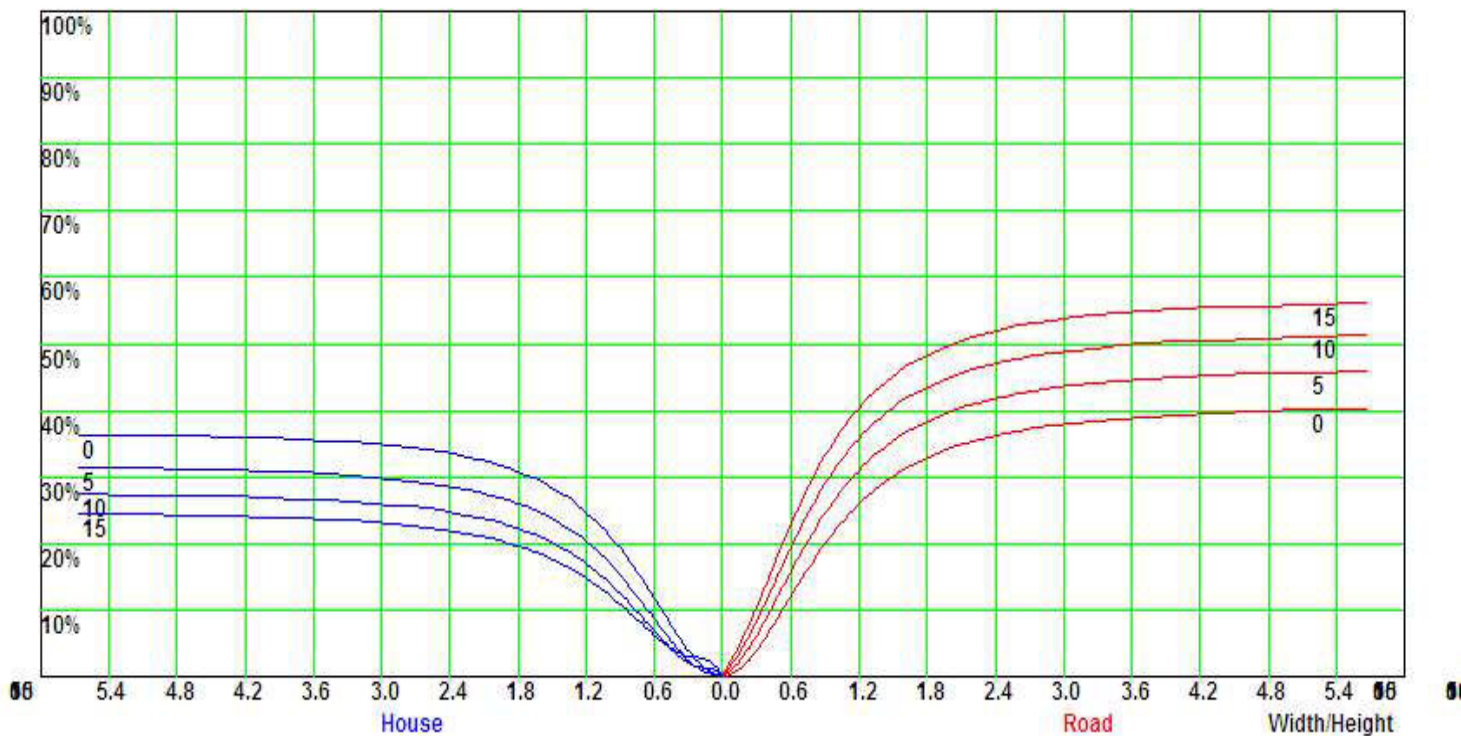


# Iso-Candela [cd]

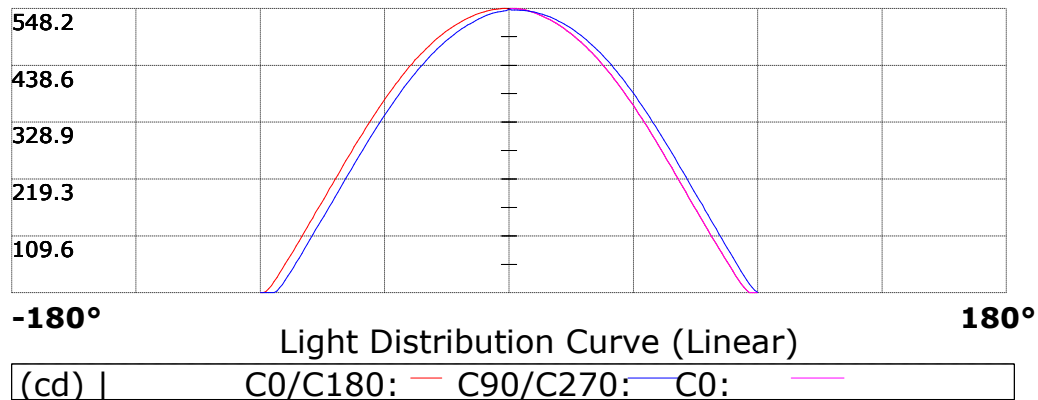
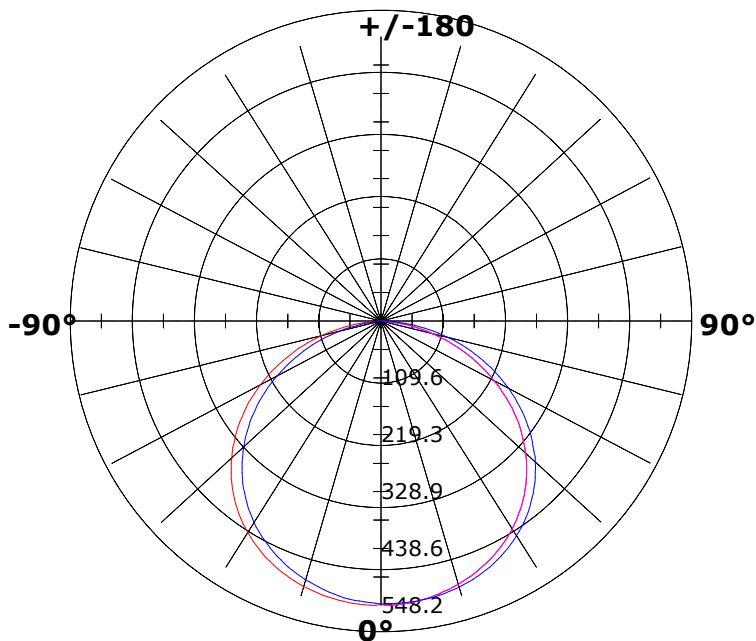


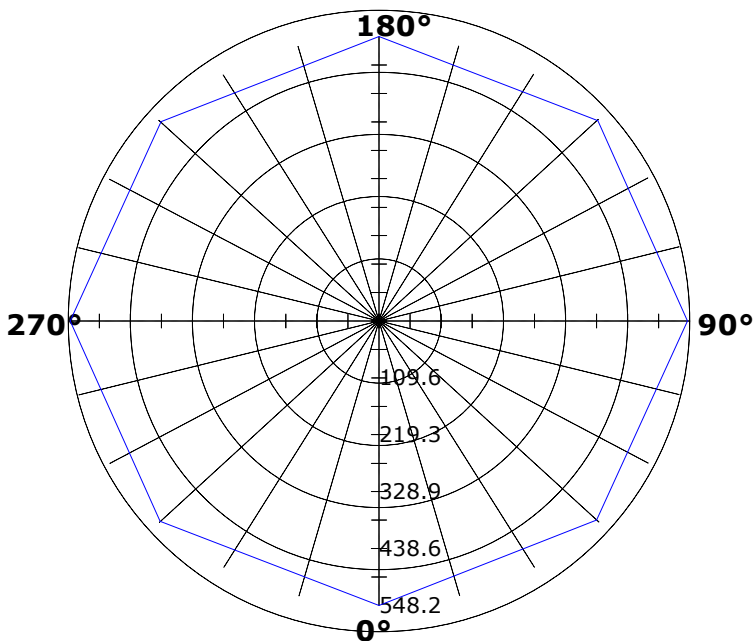
- (10%):-1.734182 cd
- (20%):0 cd
- (30%):0 cd
- (40%):0 cd
- (50%):0 cd
- (60%):0 cd
- (70%):0 cd
- (80%):1.88498 cd
- (90%):7.916916 cd
- (100%):14.70284 cd

## Coefficient Utilization Curve



Light Distribution Curve [Unit: cd]



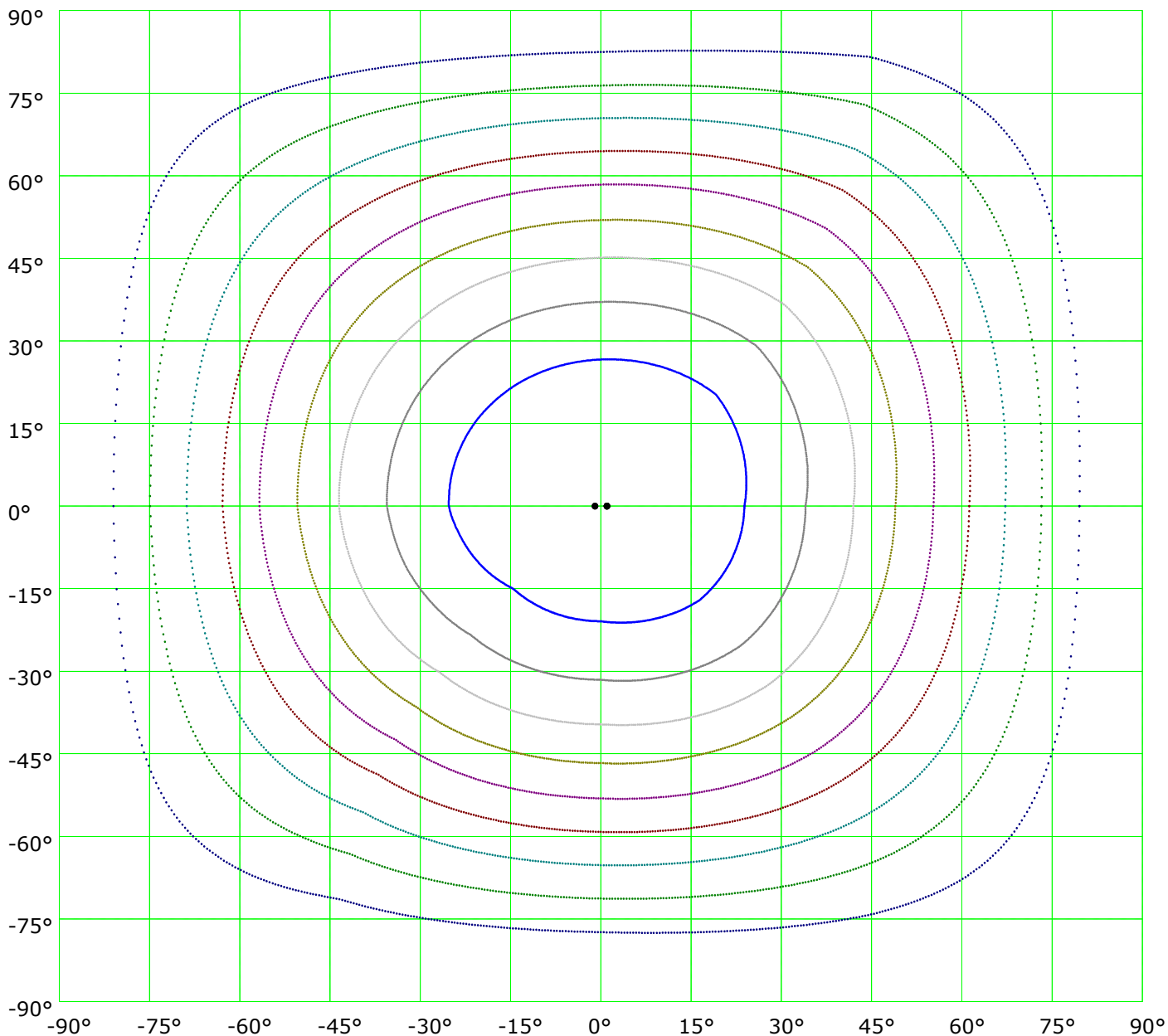


548.2							
438.6							
328.9							
219.3							
109.6							

**-180°** Light Distribution Curve (Linear) **180°**  
 (cd) | ?1: —



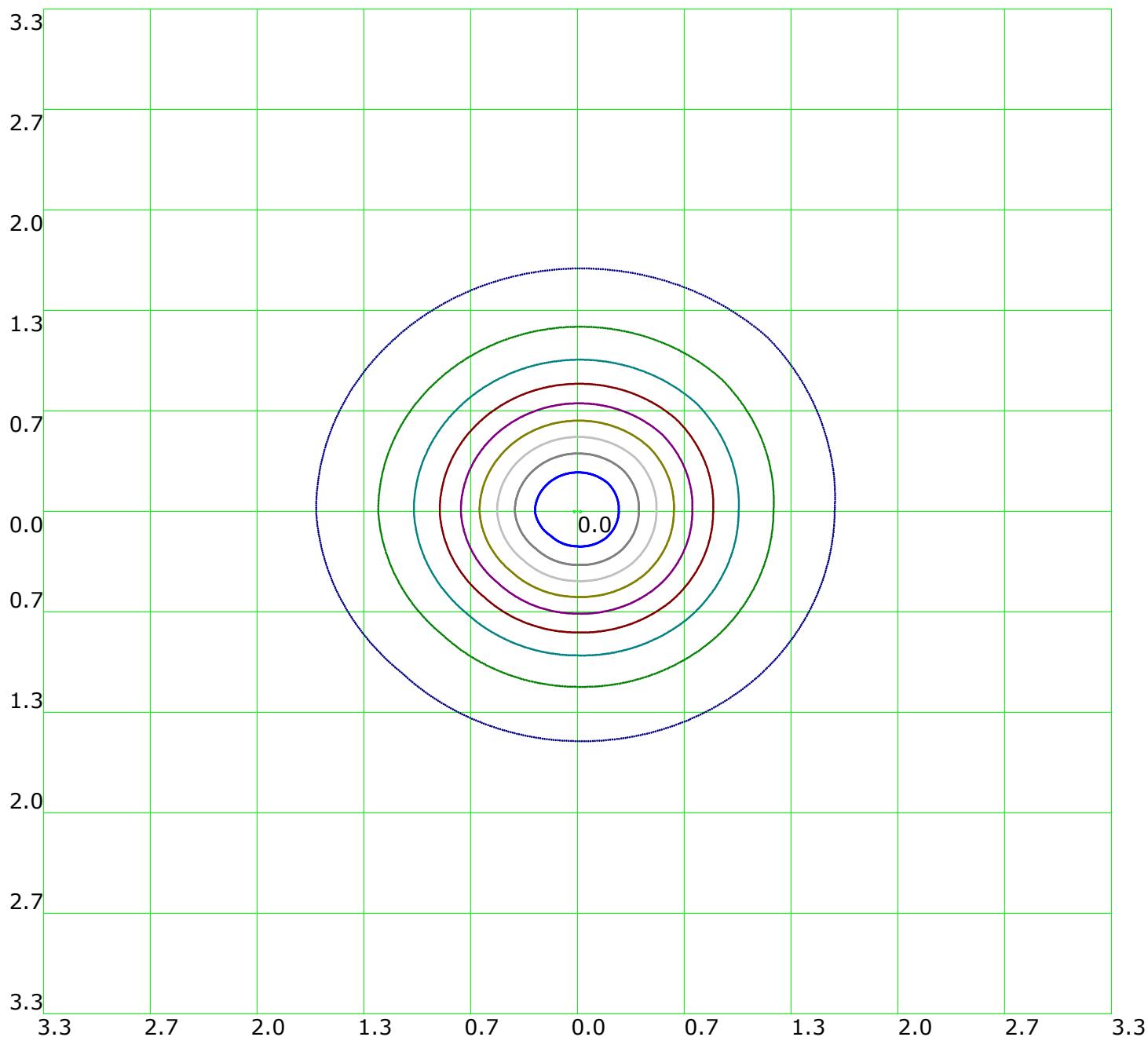
# Isocandela(rectangle)



— (10%): 54.8cd	— (20%): 109.6cd	— (30%): 164.4cd	— (40%): 219.3cd
— (50%): 274.1cd	— (60%): 328.9cd	— (70%): 383.7cd	— (80%): 438.5cd
— (90%): 493.3cd	— (100%): 548.2cd		



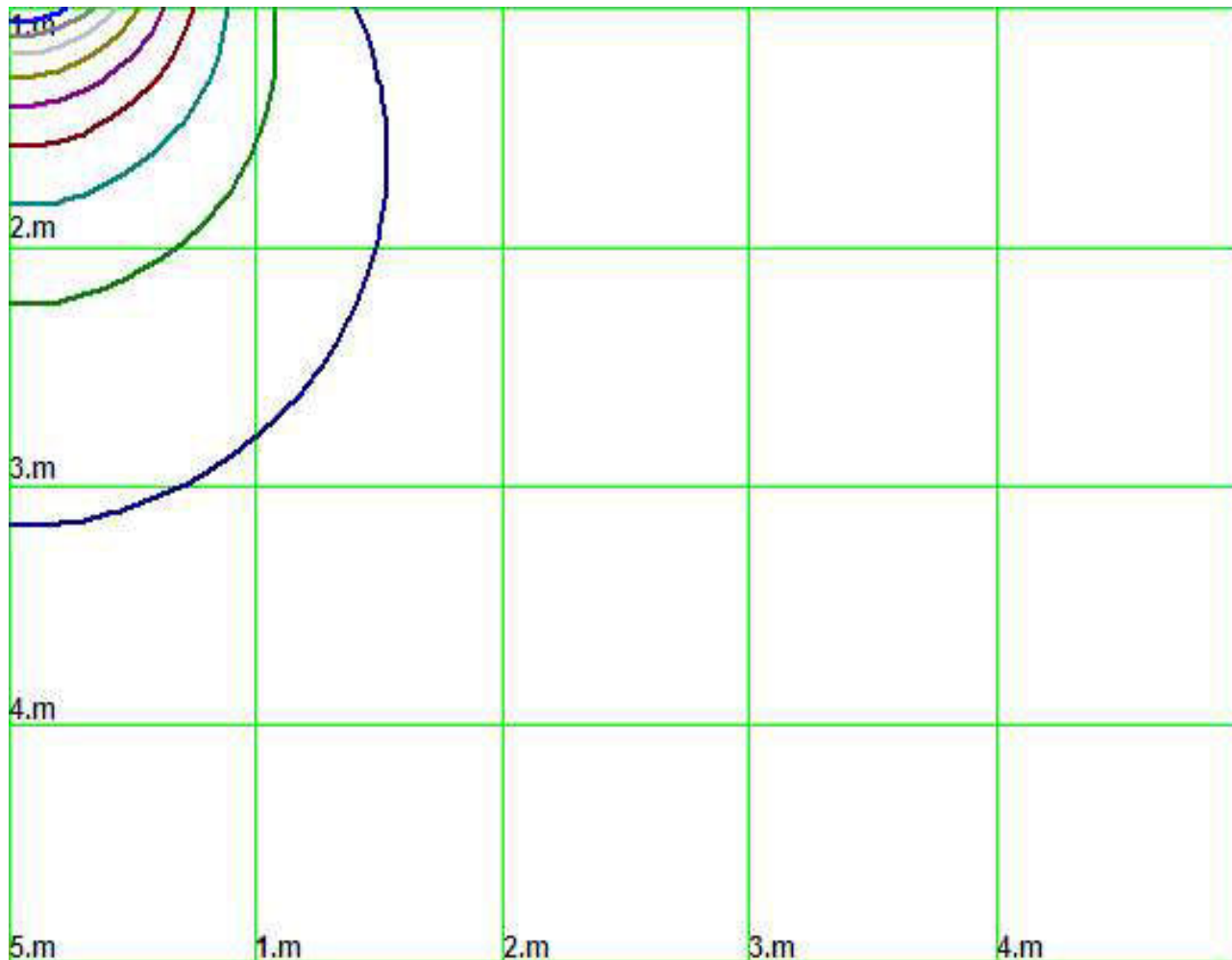
### Isolx curve



Height: 1 m

- |                  |                   |                  |                  |
|------------------|-------------------|------------------|------------------|
| — (10%): 54.8lx  | — (20%): 109.6lx  | — (30%): 164.5lx | — (40%): 219.3lx |
| — (50%): 274.1lx | — (60%): 328.9lx  | — (70%): 383.7lx | — (80%): 438.5lx |
| — (90%): 493.3lx | — (100%): 547.6lx |                  |                  |

## Space Isolx Curve



— (10%): 54.8lx	— (20%): 109.6lx	— (30%): 164.5lx	— (40%): 219.3lx
— (50%): 274.1lx	— (60%): 328.9lx	— (70%): 383.7lx	— (80%): 438.5lx
— (90%): 493.3lx	— (100%): 547.6lx		



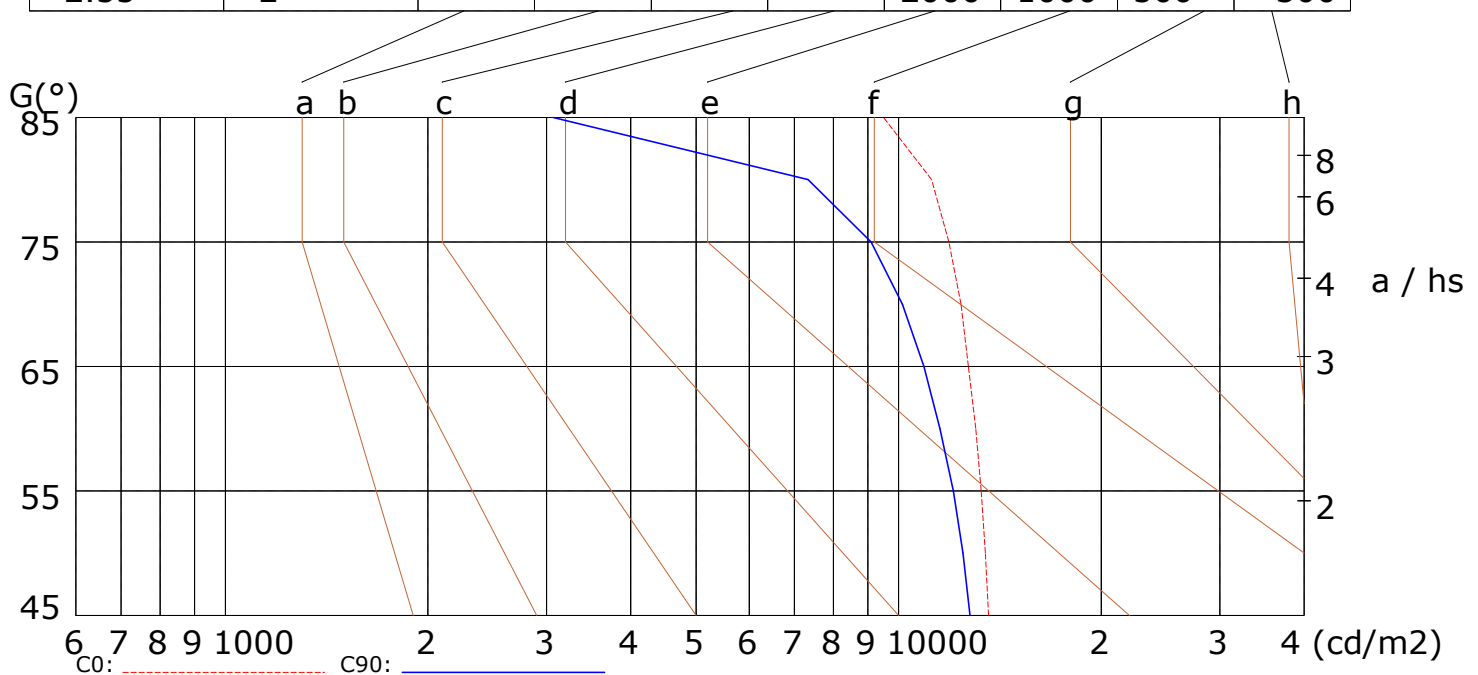
## Luminance Limiting Curve

Diameter: 240mm  
 Length: 240mm  
 Width: 240mm  
 Height: 10mm

(cd/m<sup>2</sup>)

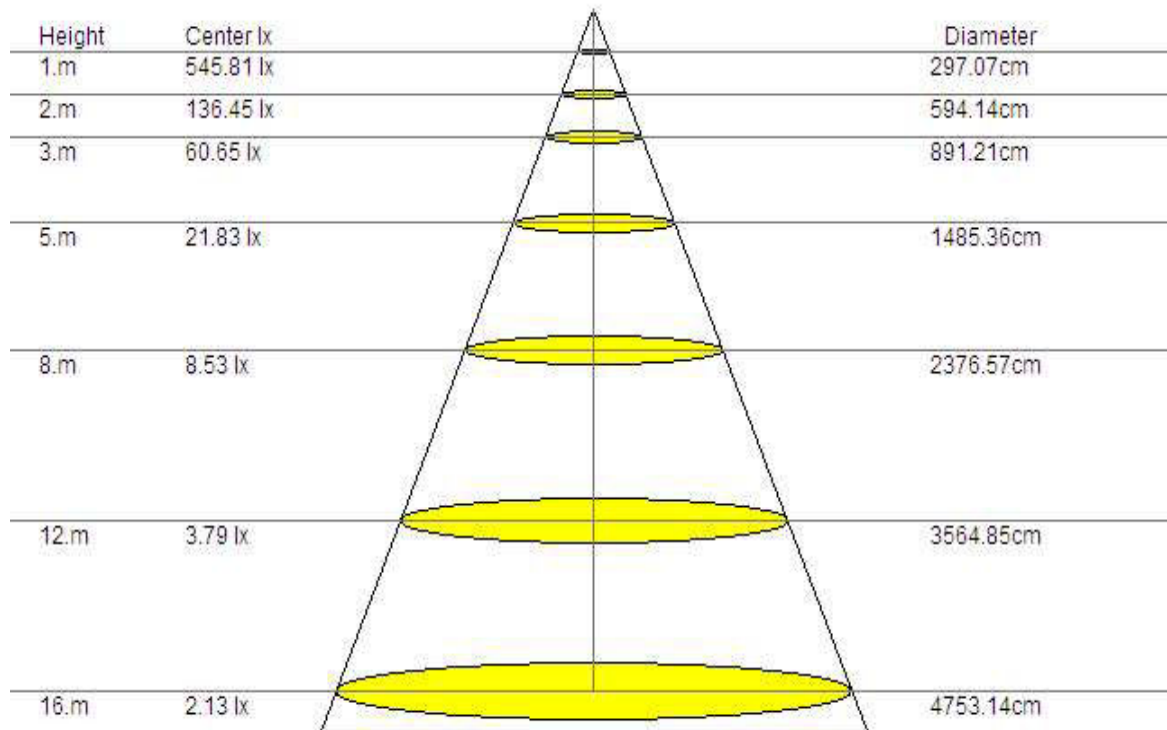
?	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	13599	13446	13256	13025	12694	12373	11871	11186	9495
C90	12758	12453	12049	11517	10903	10130	9100	7338	3071

Glare	Quality	Service Values Illuminance (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



Lum. Limiting Curve (C0/C90)

## Lux-Distance Curve



Beam Angle: 112.10°(50%Imax)

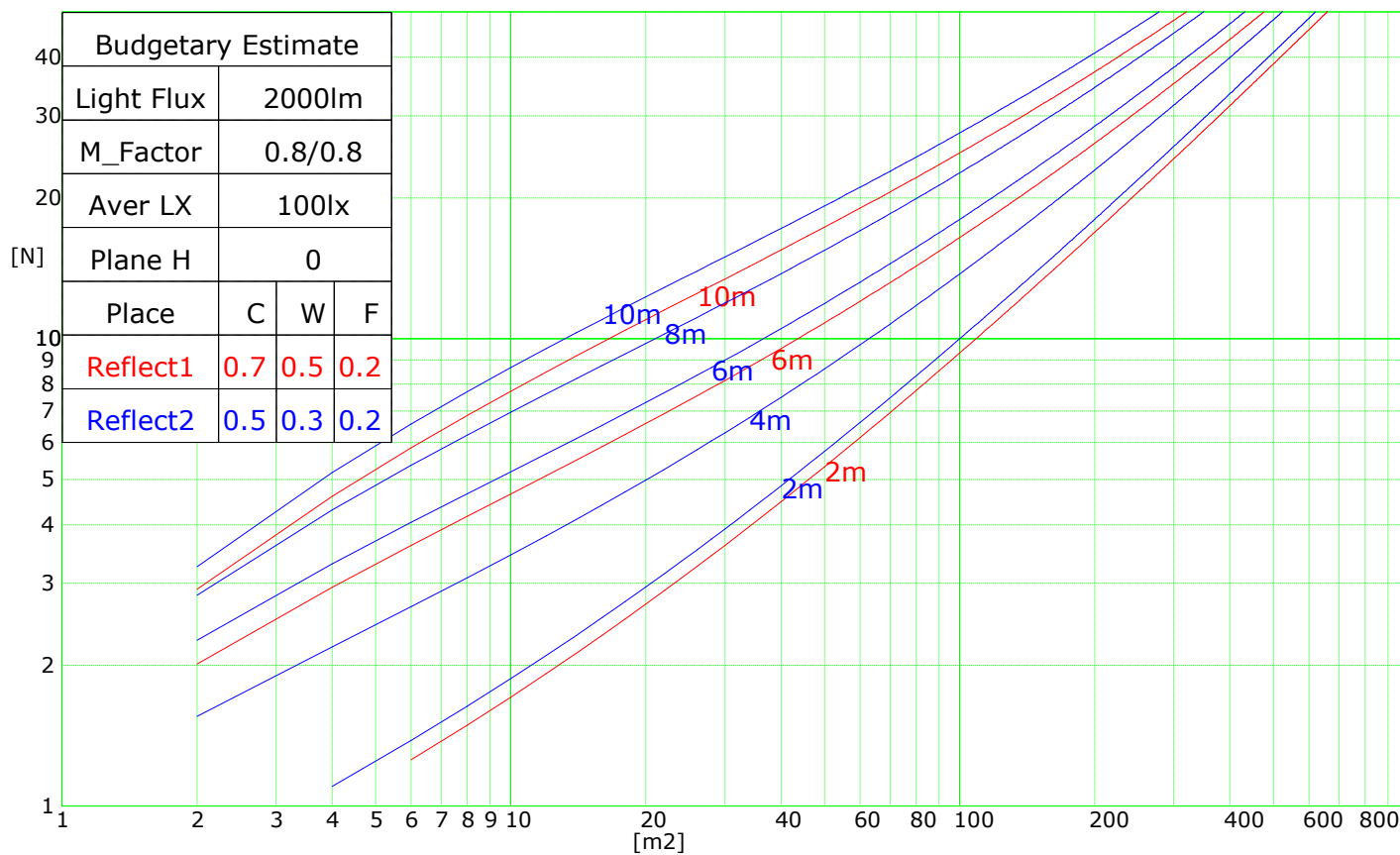


## Coefficients of Utilization

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	0.92	0.92	0.92	0.90	0.90	0.90	0.86	0.86	0.86	0.83	0.83	0.83	0.79	0.79	0.79	0.78
1	0.81	0.80	0.79	0.80	0.78	0.77	0.77	0.76	0.74	0.74	0.72	0.70	0.69	0.67	0.65	0.61
2	0.69	0.67	0.65	0.68	0.66	0.64	0.67	0.64	0.61	0.64	0.61	0.58	0.60	0.57	0.55	0.51
3	0.59	0.57	0.55	0.59	0.56	0.54	0.58	0.54	0.52	0.56	0.52	0.49	0.54	0.50	0.46	0.43
4	0.51	0.48	0.47	0.51	0.48	0.46	0.51	0.47	0.44	0.50	0.45	0.42	0.48	0.44	0.40	0.37
5	0.44	0.42	0.41	0.45	0.42	0.40	0.45	0.41	0.38	0.45	0.40	0.36	0.44	0.39	0.34	0.32
6	0.39	0.37	0.35	0.40	0.37	0.35	0.40	0.36	0.33	0.40	0.35	0.32	0.40	0.34	0.30	0.28
7	0.35	0.33	0.31	0.35	0.33	0.31	0.36	0.32	0.30	0.36	0.32	0.28	0.36	0.31	0.27	0.24
8	0.31	0.29	0.28	0.32	0.29	0.27	0.33	0.29	0.26	0.33	0.29	0.25	0.33	0.28	0.24	0.22
9	0.28	0.26	0.25	0.29	0.26	0.25	0.30	0.26	0.24	0.31	0.26	0.23	0.31	0.26	0.22	0.20
10	0.26	0.24	0.23	0.26	0.24	0.22	0.28	0.24	0.22	0.28	0.24	0.21	0.29	0.24	0.20	0.18



# 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 X Y	Weft to light axis direction of observation					Direction of light axis parallel observation					
2H	2H	14.7	16.0	14.9	16.0	16.4	14.6	15.9	14.8	16.1	16.5
	3H	16.3	17.5	16.7	17.8	18.0	16.2	17.4	16.5	17.8	17.9
	4H	17.0	18.0	17.3	18.6	18.8	16.9	17.9	17.2	18.6	18.8
	6H	17.5	18.6	18.0	18.8	19.0	17.4	18.4	17.9	18.9	19.0
	8H	17.9	18.9	18.0	18.9	19.3	17.7	18.7	18.1	19.0	19.3
4H	12H	17.9	18.8	18.2	19.2	19.4	17.8	18.6	18.0	19.2	19.6
	2H	15.8	16.7	15.7	16.9	17.1	15.5	16.5	15.7	16.9	17.1
	3H	17.4	18.3	17.7	18.4	18.9	17.3	18.3	17.7	18.4	18.9
	4H	18.1	19.0	18.5	19.2	19.5	18.1	18.8	18.4	19.2	19.5
	6H	18.8	19.6	19.2	19.8	20.1	18.7	19.5	19.0	19.8	20.1
8H	8H	19.1	19.7	19.5	20.0	20.3	18.9	19.5	19.4	19.9	20.3
	12H	19.2	19.9	19.7	20.0	20.4	19.2	19.7	19.6	20.1	20.4
	4H	18.6	19.1	18.9	19.3	19.9	18.3	19.0	18.7	19.3	19.8
	6H	19.3	19.9	19.8	20.3	20.7	19.2	19.7	19.7	20.2	20.5
	8H	19.7	20.1	20.2	20.5	21.0	19.6	20.0	20.1	20.5	21.0
12H	12H	20.0	20.4	20.5	20.7	21.1	19.8	20.2	20.2	20.8	21.2
	4H	18.6	19.2	18.9	19.5	19.9	18.6	19.0	18.8	19.6	19.8
	6H	19.5	20.1	19.9	20.2	20.7	19.3	19.8	19.7	20.2	20.6
	8H	19.9	20.4	20.4	20.6	21.1	19.7	20.2	20.2	20.7	21.1