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Luminaire Property

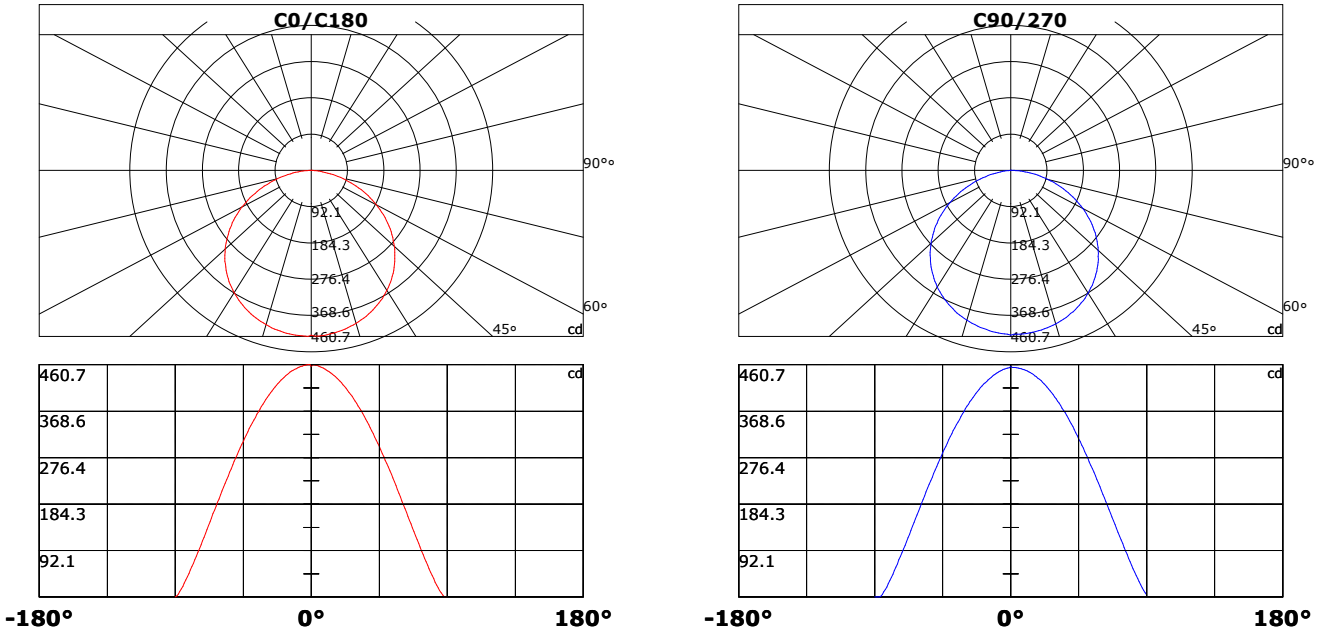
Luminaire Description: B1275-7-BN
Luminaire Categorie: DOWNLIGHT ADJUSTABLE 20W
Lamp Categorie:
Lamp Description: BLANCO NEUTRO 4000K
Number of Lamp: 1
Lamp Lumens(lm): NA
Luminous Length(m): 0.23
Luminous Width(m): 0.23
Luminous Height(m): 0.005

Voltage: 231.4 V
Current: 0.159 A
Power: 20.77 W
Power Factor: 0.563
Test Lab: BLED
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Effective Luminous Flux: 1263.95 lm
Efficiency: 61.8209 lm/W
Central Intensity: 456.966cd
Max. Intensity: 460.701cd
Field Angle(10%Imax): NA

Max.Intensity Angle: C:180.0 G:1.0
Beam Angle(50%Imax): L: -55.4 R:55.8
Luminaire Efficacy Rating(LER) : 100.00%
Upward Ratio: NA
Downward Ratio: NA
Beamwidth(50%Imax): H=115.16V=115.22



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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	457.0	460.6	460.3	459.9	459.1	458.1	456.8	455.4	453.9	452.3
C45.0	457.0	453.2	453.3	453.5	453.2	453.0	452.5	452.0	451.2	450.4
C90.0	457.0	455.1	455.2	455.1	454.7	454.2	453.7	452.9	451.9	450.9
C135.0	457.0	457.9	457.6	457.3	456.9	456.3	455.6	454.7	453.6	452.5
C180.0	457.0	460.7	460.7	460.3	459.7	458.9	458.1	457.4	456.2	454.8
C225.0	457.0	452.2	451.6	450.8	449.7	448.7	447.2	445.8	444.0	442.4
C270.0	457.0	454.6	454.1	453.4	452.4	451.1	449.8	448.0	446.3	444.5
C315.0	457.0	457.6	457.1	456.6	455.8	455.0	454.0	452.8	451.4	450.0
C360.0	457.0	460.6	460.3	459.9	459.1	458.1	456.8	455.4	453.9	452.3
C\G	**G10.0**	**G11.0**	**G12.0**	**G13.0**	**G14.0**	**G15.0**	**G16.0**	**G17.0**	**G18.0**	**G19.0**
C0.0	450.5	448.5	446.4	444.4	442.1	439.7	436.8	434.0	431.2	428.1
C45.0	449.3	448.1	446.8	445.1	443.4	441.7	439.8	437.4	435.1	432.8
C90.0	449.7	448.2	446.8	445.0	443.1	441.4	438.9	436.9	434.1	431.6
C135.0	451.0	449.6	447.6	446.0	444.0	441.7	439.6	437.0	434.3	431.7
C180.0	453.0	451.5	450.0	448.4	446.1	443.4	441.3	438.7	435.8	432.9
C225.0	440.2	438.2	436.0	433.6	431.1	428.2	425.6	422.5	419.5	415.9
C270.0	442.6	440.5	438.2	435.8	433.3	430.7	427.7	424.8	422.1	418.6
C315.0	448.3	446.4	444.4	442.3	440.2	437.9	435.1	432.4	429.7	426.6
C360.0	450.5	448.5	446.4	444.4	442.1	439.7	436.8	434.0	431.2	428.1
C\G	**G20.0**	**G21.0**	**G22.0**	**G23.0**	**G24.0**	**G25.0**	**G26.0**	**G27.0**	**G28.0**	**G29.0**
C0.0	424.7	421.3	417.8	414.1	410.0	406.1	402.0	398.1	393.5	388.9
C45.0	430.1	427.6	424.4	421.5	418.3	415.1	411.4	407.8	404.2	400.1
C90.0	429.1	425.8	423.1	419.7	416.5	412.8	409.2	405.7	401.7	397.0
C135.0	428.7	425.6	422.3	419.1	415.6	412.1	408.1	404.1	400.1	395.8
C180.0	430.2	426.7	423.5	420.1	416.7	413.0	408.7	405.0	400.7	396.2
C225.0	412.5	409.0	405.3	401.7	397.2	393.3	389.0	384.4	379.6	375.2
C270.0	415.2	411.4	407.7	403.8	400.0	395.6	391.4	387.3	382.6	378.4
C315.0	423.2	420.0	416.6	413.2	409.4	405.4	401.4	397.0	392.9	388.2
C360.0	424.7	421.3	417.8	414.1	410.0	406.1	402.0	398.1	393.5	388.9
C\G	**G30.0**	**G31.0**	**G32.0**	**G33.0**	**G34.0**	**G35.0**	**G36.0**	**G37.0**	**G38.0**	**G39.0**
C0.0	384.2	379.3	374.7	369.4	363.8	358.5	353.1	347.6	341.7	335.9
C45.0	396.2	391.6	387.5	383.0	378.5	373.7	368.5	363.8	358.6	353.5
C90.0	393.1	388.9	384.6	380.0	374.9	370.0	365.5	359.9	354.7	349.5
C135.0	391.3	386.6	382.3	377.6	372.7	367.5	362.2	357.2	351.5	345.5
C180.0	391.8	387.2	382.6	377.7	373.0	367.3	362.5	356.7	351.1	345.7
C225.0	370.3	365.4	360.3	354.5	349.2	344.2	338.5	332.0	326.2	320.2
C270.0	373.1	368.0	363.4	358.0	352.1	346.8	341.4	335.7	330.2	323.8
C315.0	383.7	379.0	374.0	369.1	363.8	358.6	352.9	347.1	340.7	334.8
C360.0	384.2	379.3	374.7	369.4	363.8	358.5	353.1	347.6	341.7	335.9

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C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	330.0	323.9	317.3	311.1	305.0	298.6	292.0	284.7	278.4	271.5
C45.0	347.7	342.3	336.8	331.1	324.6	319.2	312.8	307.1	300.6	294.1
C90.0	343.5	338.6	332.6	326.0	320.3	314.1	308.4	301.0	295.1	288.6
C135.0	340.3	334.2	328.4	322.8	315.6	310.3	303.3	297.3	289.8	283.6
C180.0	339.5	334.4	328.0	321.8	315.4	308.9	303.0	296.0	289.2	282.4
C225.0	314.2	308.1	301.0	294.6	287.8	280.8	272.8	265.2	257.3	249.1
C270.0	317.8	311.9	305.8	298.7	292.5	286.0	279.5	272.7	265.7	258.9
C315.0	328.9	322.6	316.4	309.3	302.8	296.2	289.3	281.6	274.2	266.5
C360.0	330.0	323.9	317.3	311.1	305.0	298.6	292.0	284.7	278.4	271.5

C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	264.9	258.0	250.4	243.2	236.3	228.7	221.0	213.4	205.8	198.5
C45.0	287.4	281.2	274.6	267.1	260.8	253.8	247.1	240.0	232.2	225.6
C90.0	282.1	275.9	268.2	261.3	255.0	247.9	240.3	233.2	226.2	218.9
C135.0	276.7	270.2	263.4	255.5	249.0	241.5	234.8	226.8	219.1	212.4
C180.0	275.6	269.2	262.2	254.2	247.7	240.3	233.4	225.3	218.1	210.6
C225.0	241.5	234.9	228.4	221.5	214.0	205.3	197.1	190.3	183.0	174.0
C270.0	252.1	245.4	237.6	230.5	223.5	215.9	208.8	200.5	193.1	185.7
C315.0	259.0	253.1	245.8	238.8	231.4	223.3	215.7	209.2	202.0	194.1
C360.0	264.9	258.0	250.4	243.2	236.3	228.7	221.0	213.4	205.8	198.5

C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	190.5	182.8	175.6	168.0	160.5	152.2	144.7	137.0	129.9	121.8
C45.0	218.0	211.3	203.0	195.9	188.9	181.2	174.1	165.5	158.6	151.3
C90.0	212.1	203.4	196.5	189.3	181.9	173.8	165.9	159.0	151.4	143.4
C135.0	204.7	197.7	189.2	181.8	174.6	166.8	158.9	150.8	143.7	135.6
C180.0	203.4	194.8	187.7	180.3	172.5	165.6	156.3	149.3	141.7	133.7
C225.0	166.9	159.9	152.0	144.7	136.5	129.0	121.7	114.4	106.4	99.4
C270.0	178.5	170.1	162.9	155.4	147.8	140.5	132.2	124.7	117.7	109.7
C315.0	185.6	177.8	171.1	163.6	155.2	147.3	140.3	132.4	125.2	117.7
C360.0	190.5	182.8	175.6	168.0	160.5	152.2	144.7	137.0	129.9	121.8

C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	114.0	106.4	99.2	91.4	84.1	77.1	69.9	63.2	56.1	49.4
C45.0	143.6	136.0	127.9	120.8	113.3	106.4	98.6	91.4	84.2	76.9
C90.0	136.6	128.3	120.6	113.6	106.0	98.7	91.0	84.4	76.8	70.0
C135.0	128.6	120.8	112.6	105.5	98.0	90.5	83.4	75.6	68.6	61.8
C180.0	126.8	118.3	111.3	103.5	96.0	89.2	80.9	74.2	66.8	60.5
C225.0	91.9	84.4	77.7	70.2	64.0	56.6	49.8	43.5	36.8	30.7
C270.0	102.8	95.3	87.6	80.5	73.5	66.0	59.5	52.4	45.5	39.1
C315.0	109.5	103.0	95.1	88.0	81.0	73.2	66.9	59.4	53.2	45.9
C360.0	114.0	106.4	99.2	91.4	84.1	77.1	69.9	63.2	56.1	49.4

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C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	43.1	36.2	29.7	23.6	18.0	13.0	8.4	4.2	0.3	0.0
C45.0	69.9	62.9	56.5	49.7	43.4	36.9	30.5	24.6	18.9	13.8
C90.0	62.9	56.3	49.6	42.9	36.6	30.4	24.2	18.4	13.4	8.8
C135.0	54.9	48.0	41.7	35.2	28.8	22.8	17.2	12.2	7.5	3.1
C180.0	53.5	46.7	40.0	33.8	27.7	21.6	16.1	11.0	6.3	1.9
C225.0	24.9	18.7	13.8	8.9	4.6	0.7	0.0	0.0	0.0	0.0
C270.0	33.0	26.3	20.2	15.2	10.2	5.8	1.8	0.0	0.0	0.0
C315.0	39.9	33.5	27.0	20.9	15.7	11.1	6.7	2.4	0.0	0.0
C360.0	43.1	36.2	29.7	23.6	18.0	13.0	8.4	4.2	0.3	0.0
C\G	**G90.0**									
C0.0	0.0									
C45.0	9.3									
C90.0	4.5									
C135.0	0.0									
C180.0	0.0									
C225.0	0.0									
C270.0	0.0									
C315.0	0.0									
C360.0	0.0									

Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	456.97	0.00	0.00	0.00	0.00
0.0-1.0	456.46	0.44	0.44	0.03	0.03
1.0-2.0	456.24	1.31	1.75	0.10	0.14
2.0-3.0	455.85	2.18	3.93	0.17	0.31
3.0-4.0	455.18	3.05	6.98	0.24	0.54
4.0-5.0	454.41	3.91	10.89	0.30	0.85
5.0-6.0	453.46	4.77	15.66	0.37	1.22
6.0-7.0	452.37	5.62	21.28	0.44	1.66
7.0-8.0	451.05	6.47	27.75	0.50	2.16
8.0-9.0	449.72	7.30	35.05	0.57	2.73
9.0-10.0	448.10	8.12	43.18	0.63	3.36
10.0-11.0	446.38	8.94	52.11	0.70	4.06
11.0-12.0	444.53	9.74	61.85	0.76	4.82
12.0-13.0	442.58	10.53	72.38	0.82	5.64
13.0-14.0	440.44	11.30	83.68	0.88	6.52
14.0-15.0	438.09	12.06	95.74	0.94	7.46
15.0-16.0	435.61	12.80	108.55	1.00	8.45
16.0-17.0	432.97	13.53	122.07	1.05	9.51
17.0-18.0	430.22	14.23	136.30	1.11	10.62
18.0-19.0	427.28	14.92	151.22	1.16	11.78
19.0-20.0	424.21	15.58	166.81	1.21	12.99
20.0-21.0	420.93	16.23	183.04	1.26	14.25
21.0-22.0	417.59	16.85	199.89	1.31	15.57
22.0-23.0	414.16	17.45	217.34	1.36	16.93
23.0-24.0	410.46	18.03	235.37	1.40	18.33
24.0-25.0	406.68	18.58	253.95	1.45	19.78
25.0-26.0	402.67	19.10	273.05	1.49	21.27
26.0-27.0	398.69	19.61	292.66	1.53	22.79
27.0-28.0	394.41	20.08	312.74	1.56	24.36
28.0-29.0	389.97	20.52	333.26	1.60	25.95
29.0-30.0	385.47	20.94	354.20	1.63	27.58
30.0-31.0	380.75	21.32	375.52	1.66	29.25
31.0-32.0	376.17	21.68	397.20	1.69	30.93
32.0-33.0	371.16	22.02	419.22	1.71	32.65
33.0-34.0	366.00	22.31	441.53	1.74	34.39
34.0-35.0	360.83	22.57	464.10	1.76	36.14
35.0-36.0	355.58	22.81	486.91	1.78	37.92
36.0-37.0	350.00	23.01	509.92	1.79	39.71
37.0-38.0	344.35	23.18	533.10	1.80	41.52
38.0-39.0	338.60	23.31	556.41	1.82	43.33
39.0-40.0	332.74	23.41	579.83	1.82	45.16

Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	327.01	23.49	603.32	1.83	46.99
41.0-42.0	320.79	23.54	626.85	1.83	48.82
42.0-43.0	314.42	23.53	650.38	1.83	50.65
43.0-44.0	308.00	23.49	673.88	1.83	52.48
44.0-45.0	301.76	23.43	697.31	1.83	54.31
45.0-46.0	295.14	23.34	720.65	1.82	56.12
46.0-47.0	288.21	23.20	743.86	1.81	57.93
47.0-48.0	281.27	23.02	766.88	1.79	59.72
48.0-49.0	274.34	22.82	789.69	1.78	61.50
49.0-50.0	267.44	22.59	812.28	1.76	63.26
50.0-51.0	260.98	22.36	834.64	1.74	65.00
51.0-52.0	253.82	22.09	856.73	1.72	66.72
52.0-53.0	246.53	21.77	878.49	1.70	68.42
53.0-54.0	239.72	21.43	899.93	1.67	70.09
54.0-55.0	232.08	21.06	920.99	1.64	71.73
55.0-56.0	224.78	20.64	941.63	1.61	73.33
56.0-57.0	217.34	20.21	961.84	1.57	74.91
57.0-58.0	209.95	19.76	981.60	1.54	76.45
58.0-59.0	202.49	19.28	1000.89	1.50	77.95
59.0-60.0	194.97	18.78	1019.66	1.46	79.41
60.0-61.0	187.23	18.24	1037.90	1.42	80.83
61.0-62.0	179.76	17.68	1055.59	1.38	82.21
62.0-63.0	172.38	17.13	1072.71	1.33	83.54
63.0-64.0	164.73	16.54	1089.26	1.29	84.83
64.0-65.0	157.05	15.92	1105.18	1.24	86.07
65.0-66.0	149.26	15.28	1120.46	1.19	87.26
66.0-67.0	141.65	14.63	1135.09	1.14	88.40
67.0-68.0	134.33	13.98	1149.07	1.09	89.49
68.0-69.0	126.56	13.31	1162.38	1.04	90.53
69.0-70.0	119.22	12.62	1175.00	0.98	91.51
70.0-71.0	111.58	11.93	1186.93	0.93	92.44
71.0-72.0	104.02	11.21	1198.14	0.87	93.31
72.0-73.0	96.72	10.50	1208.64	0.82	94.13
73.0-74.0	89.49	9.79	1218.43	0.76	94.89
74.0-75.0	82.20	9.07	1227.50	0.71	95.60
75.0-76.0	75.00	8.35	1235.85	0.65	96.25
76.0-77.0	68.02	7.63	1243.47	0.59	96.84
77.0-78.0	61.01	6.91	1250.38	0.54	97.38
78.0-79.0	54.29	6.20	1256.57	0.48	97.86
79.0-80.0	47.74	5.50	1262.07	0.43	98.29
80.0-81.0	41.07	4.80	1266.88	0.37	98.66

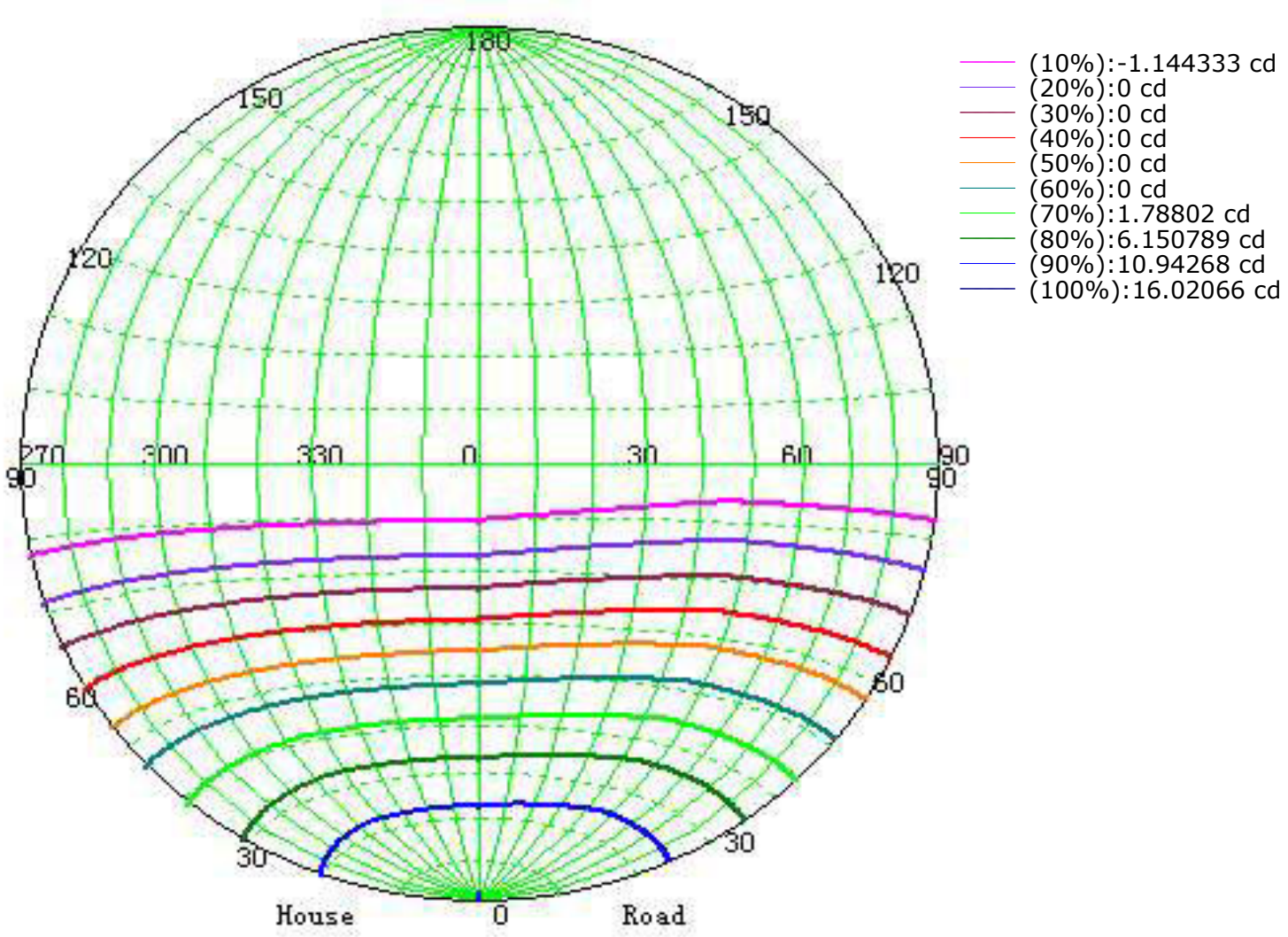
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Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	34.82	4.12	1270.99	0.32	98.99
82.0-83.0	28.78	3.46	1274.45	0.27	99.25
83.0-84.0	23.13	2.83	1277.28	0.22	99.47
84.0-85.0	17.78	2.23	1279.51	0.17	99.65
85.0-86.0	13.10	1.69	1281.20	0.13	99.78
86.0-87.0	9.10	1.21	1282.41	0.09	99.87
87.0-88.0	5.80	0.82	1283.23	0.06	99.94
88.0-89.0	3.46	0.51	1283.74	0.04	99.98
89.0-90.0	1.72	0.28	1284.02	0.02	100.00

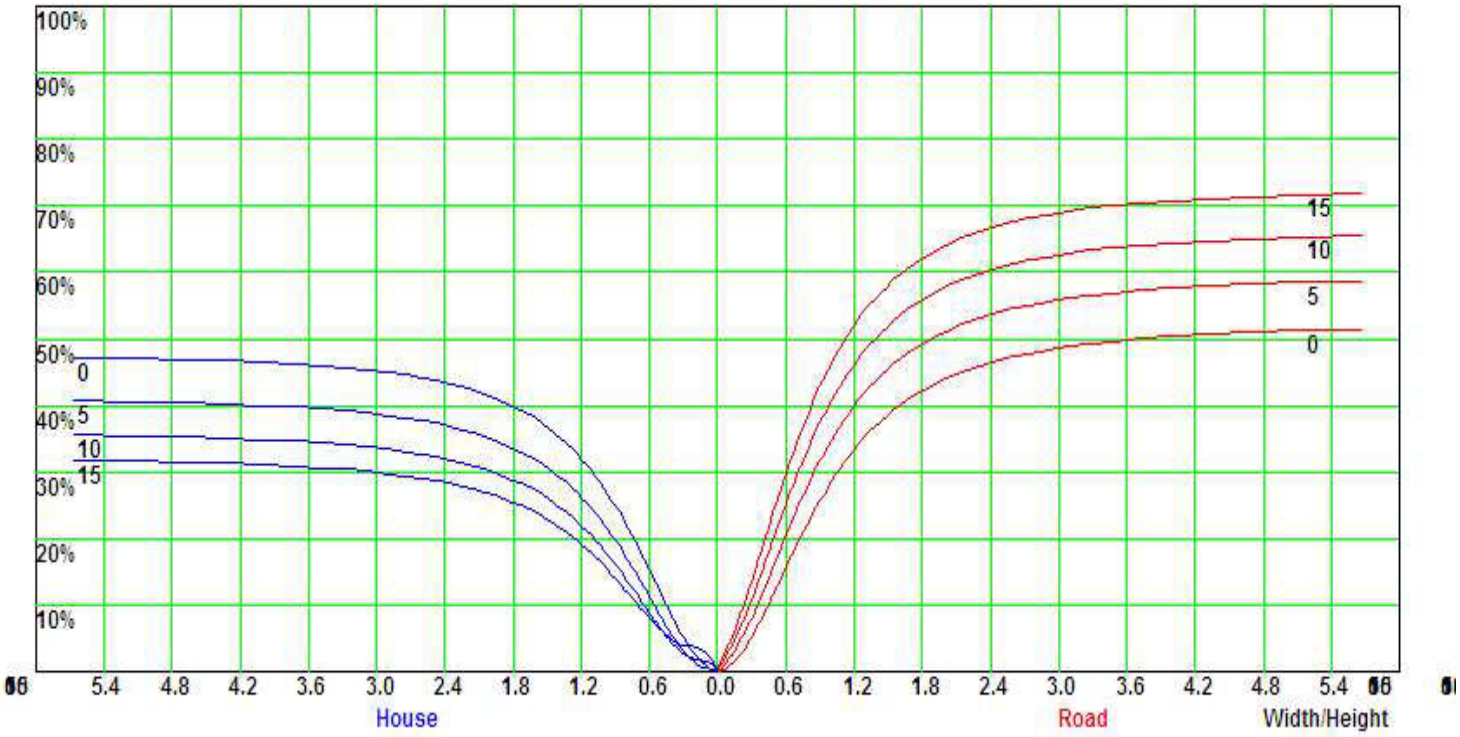
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Iso-Candela [cd]



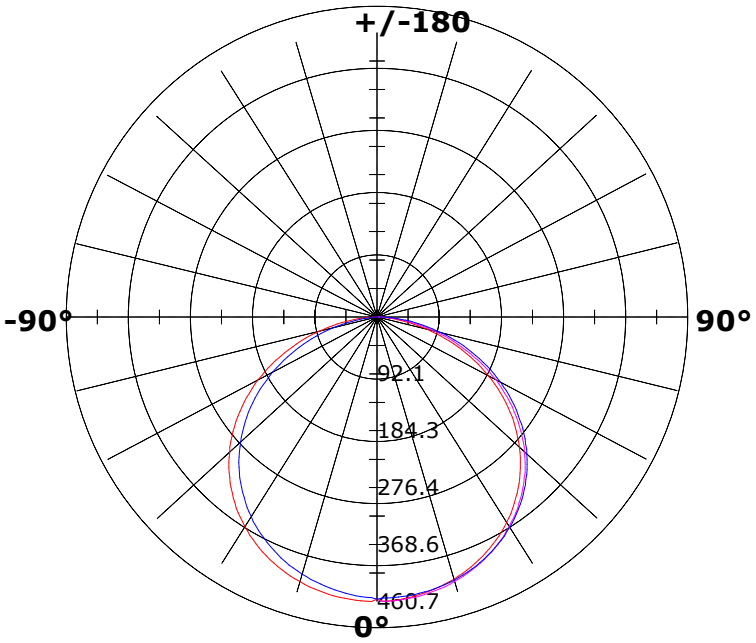
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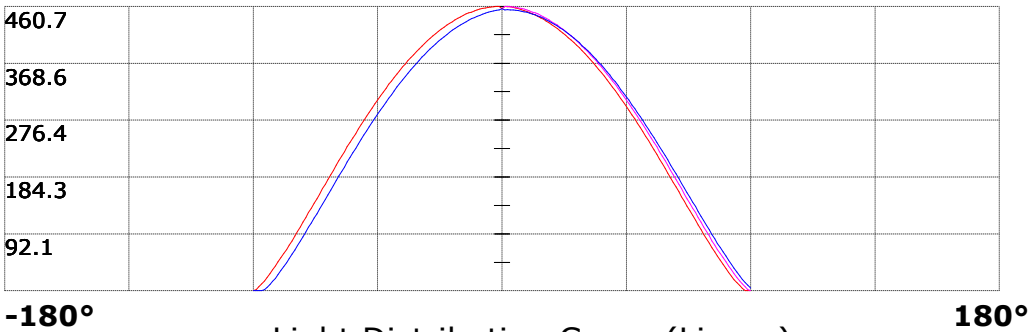
Coefficient Utilization Curve



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Light Distribution Curve [Unit: cd]

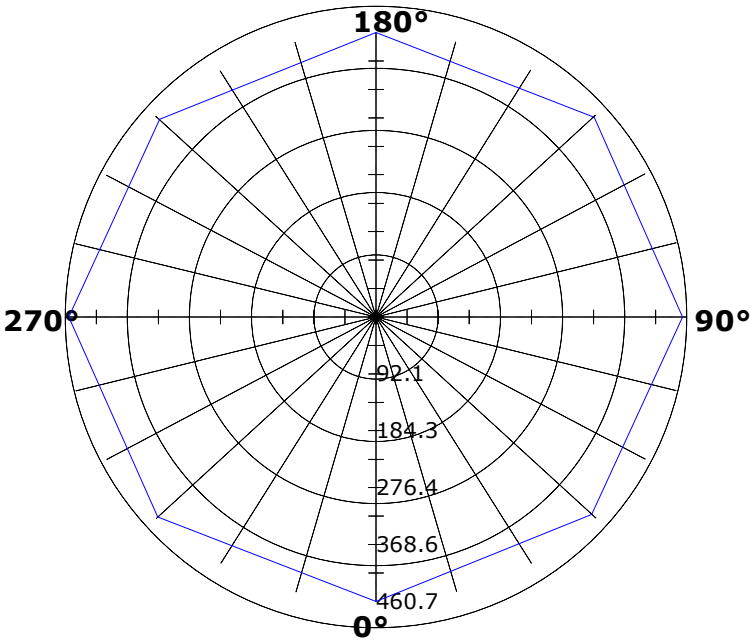


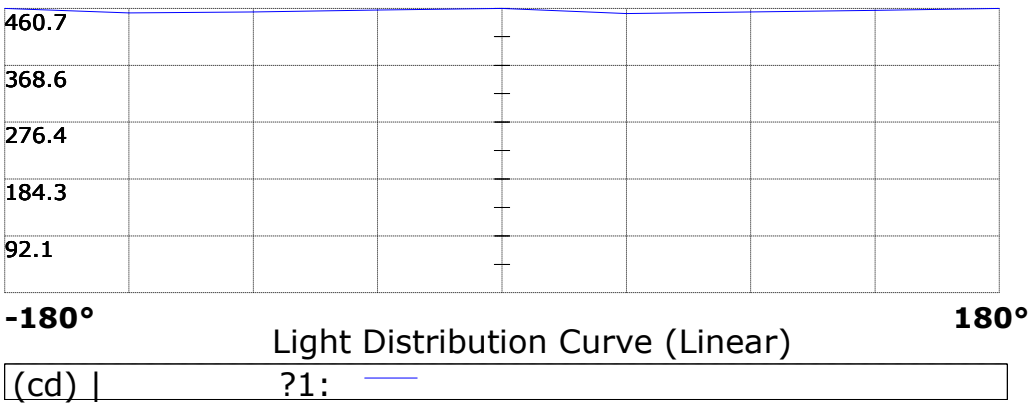


Light Distribution Curve (Linear)

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

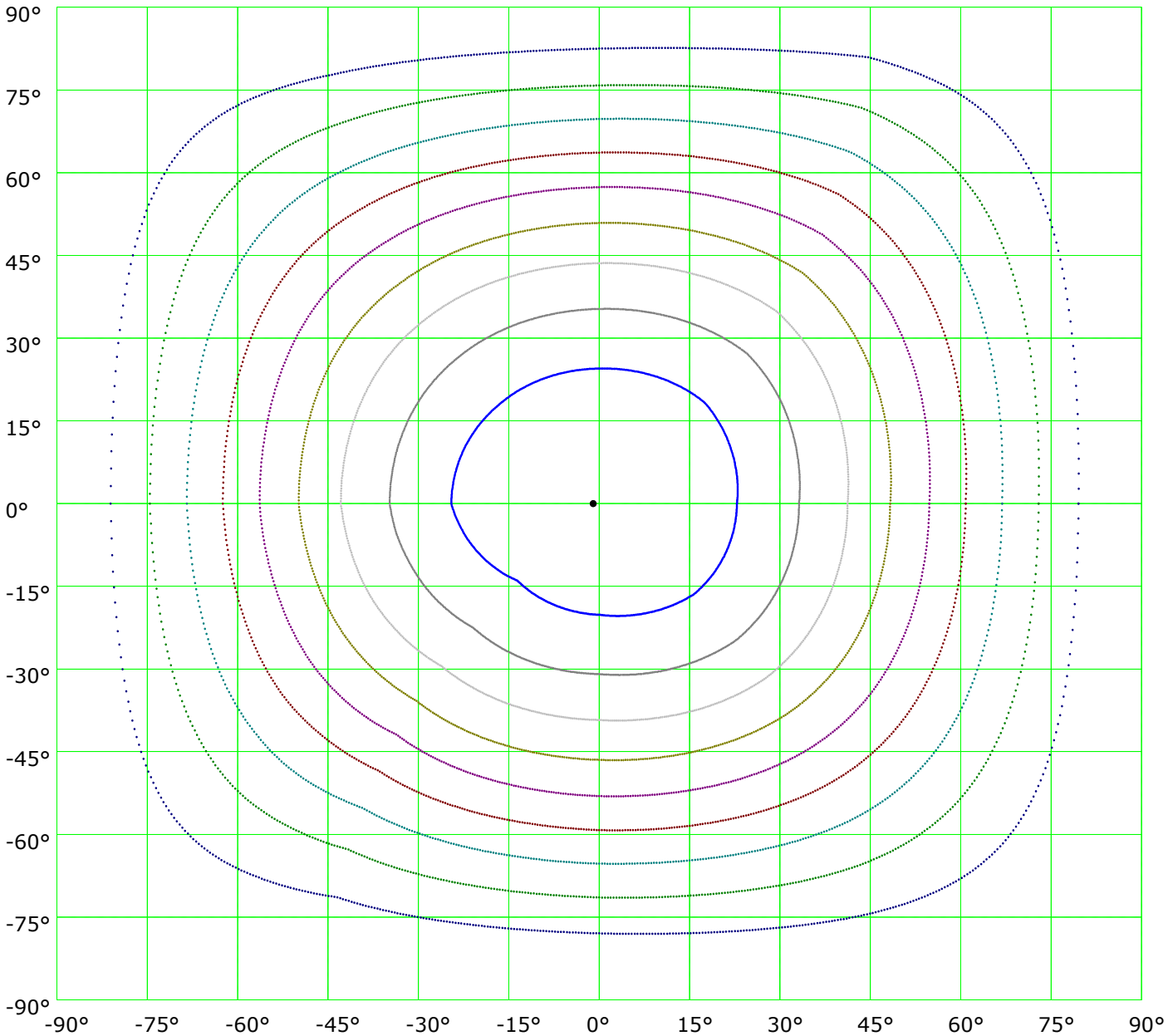
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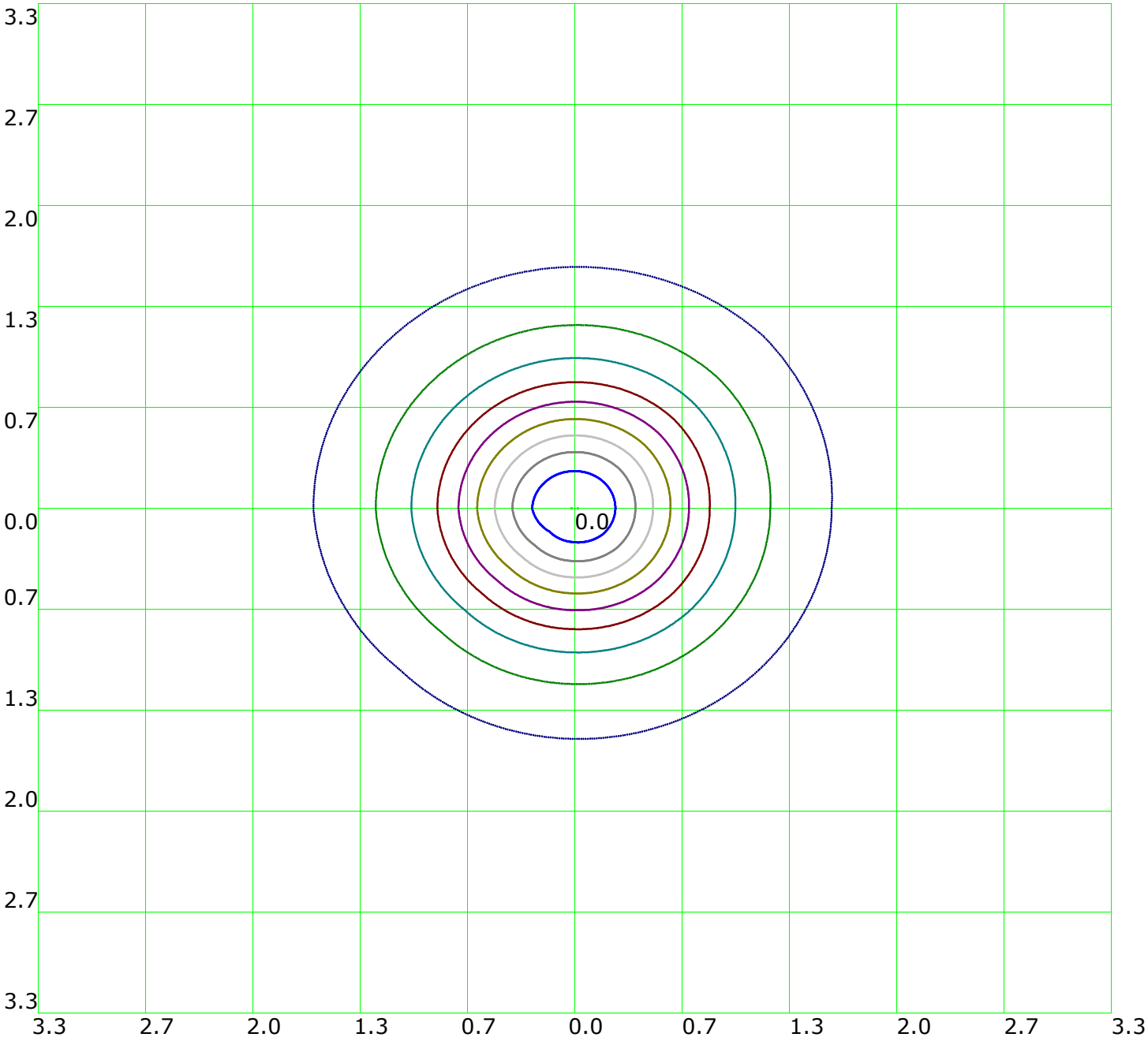
Isocandela(rectangle)



(10%): 46.1cd
(20%): 92.1cd
(30%): 138.2cd
(40%): 184.3cd
(50%): 230.4cd
(60%): 276.4cd
(70%): 322.5cd
(80%): 368.6cd
(90%): 414.6cd
(100%): 460.7cd

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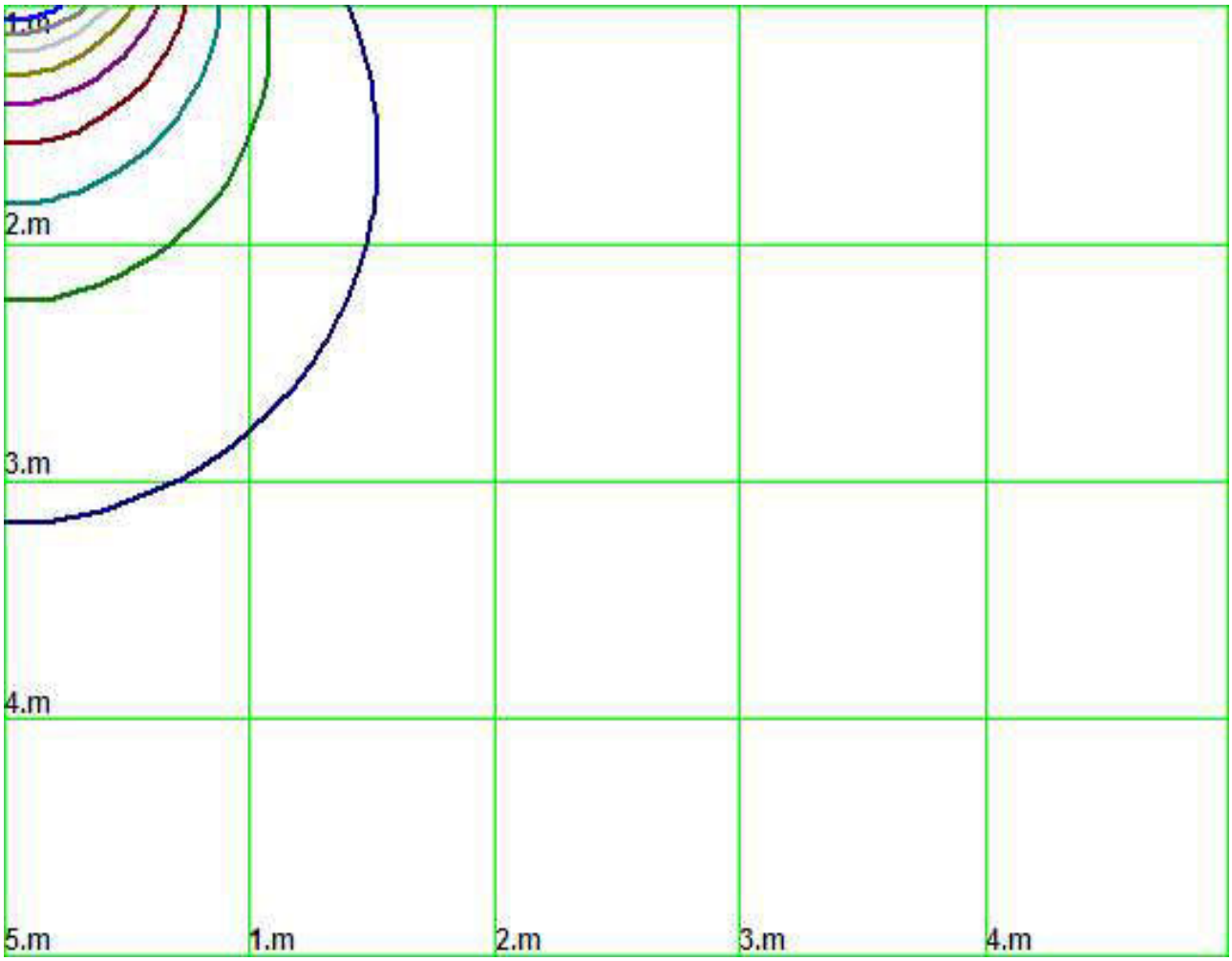
Isolx curve



Height: 1 m

(10%): 46.1lx
(20%): 92.1lx
(30%): 138.2lx
(40%): 184.3lx
(50%): 230.4lx
(60%): 276.4lx
(70%): 322.5lx
(80%): 368.6lx
(90%): 414.6lx
(100%): 460.2lx

Space Isolx Curve



(10%): 46.1lx (20%): 92.1lx (30%): 138.2lx (40%): 184.3lx
(50%): 230.4lx (60%): 276.4lx (70%): 322.5lx (80%): 368.6lx
(90%): 414.6lx (100%): 460.2lx

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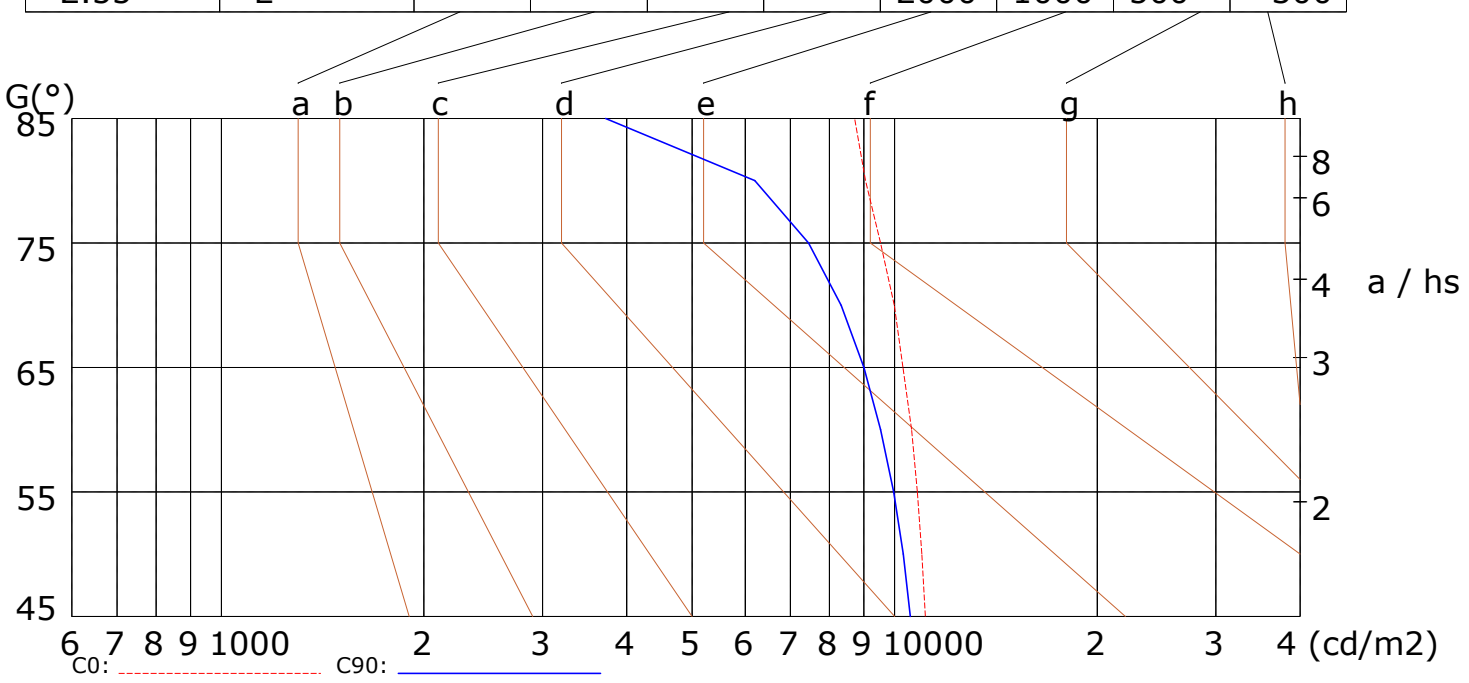
Luminance Limitting Curve

Diameter: 230mm
Length: 230mm
Width: 230mm
Height: 5mm

(cd/m2)

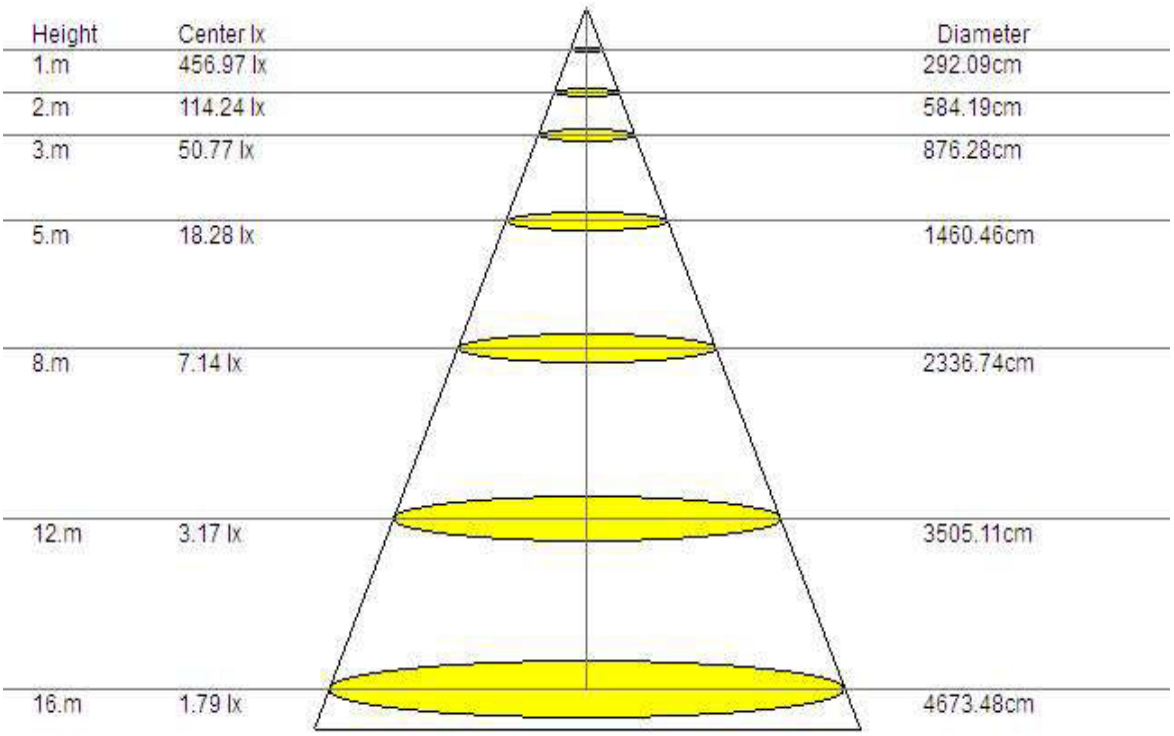
?	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	11105	10974	10805	10603	10283	9985	9534	9056	8719
C90	10556	10303	9966	9523	9005	8333	7451	6199	3724

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



Beam Angle:111.20°(50%Imax)

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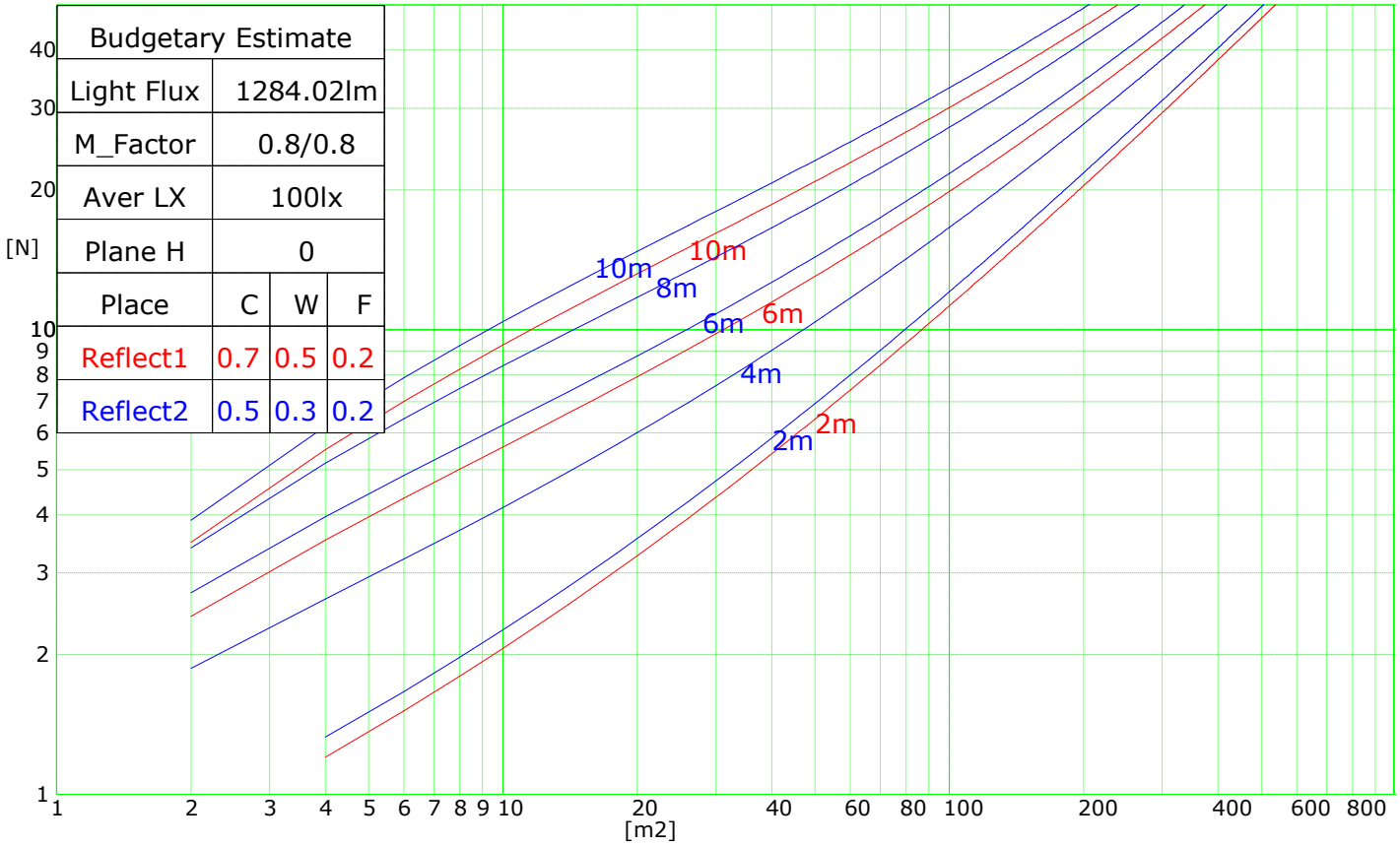
Cofficiencts of Utilization

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	1.04	1.03	1.01	1.03	1.01	0.99	1.00	0.97	0.95	0.95	0.92	0.90	0.88	0.86	0.84	0.79
2	0.89	0.86	0.84	0.88	0.85	0.83	0.86	0.82	0.79	0.83	0.79	0.75	0.78	0.74	0.70	0.66
3	0.76	0.73	0.71	0.76	0.72	0.70	0.75	0.70	0.67	0.72	0.68	0.63	0.69	0.64	0.60	0.55
4	0.65	0.62	0.61	0.66	0.62	0.59	0.65	0.61	0.57	0.64	0.59	0.54	0.62	0.56	0.51	0.47
5	0.57	0.54	0.52	0.58	0.54	0.51	0.58	0.53	0.49	0.57	0.52	0.47	0.56	0.50	0.45	0.41
6	0.50	0.48	0.46	0.51	0.47	0.45	0.52	0.47	0.43	0.52	0.46	0.41	0.51	0.44	0.39	0.36
7	0.45	0.42	0.40	0.46	0.42	0.40	0.47	0.42	0.38	0.47	0.41	0.37	0.47	0.40	0.35	0.31
8	0.40	0.38	0.36	0.41	0.38	0.35	0.42	0.37	0.34	0.43	0.37	0.33	0.43	0.36	0.31	0.28
9	0.36	0.34	0.32	0.37	0.34	0.32	0.39	0.34	0.31	0.40	0.34	0.29	0.40	0.33	0.28	0.25
10	0.33	0.31	0.29	0.34	0.31	0.29	0.36	0.31	0.28	0.37	0.31	0.27	0.37	0.30	0.26	0.23

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Indoor Budgetary Estimate Chart

Budgetary Estimate			
Light Flux	1284.02lm		
M_Factor	0.8/0.8		
Aver LX	100lx		
Plane H	0		
Place	C	W	F
Reflect1	0.7	0.5	0.2
Reflect2	0.5	0.3	0.2



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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