



Luminaire Property

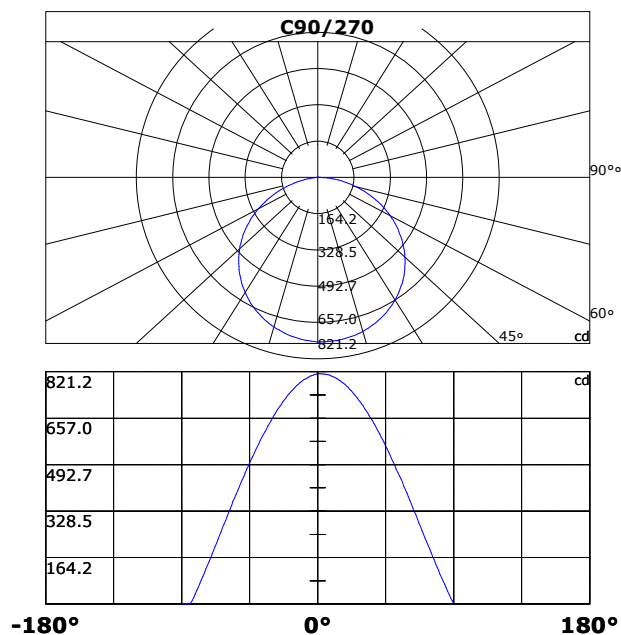
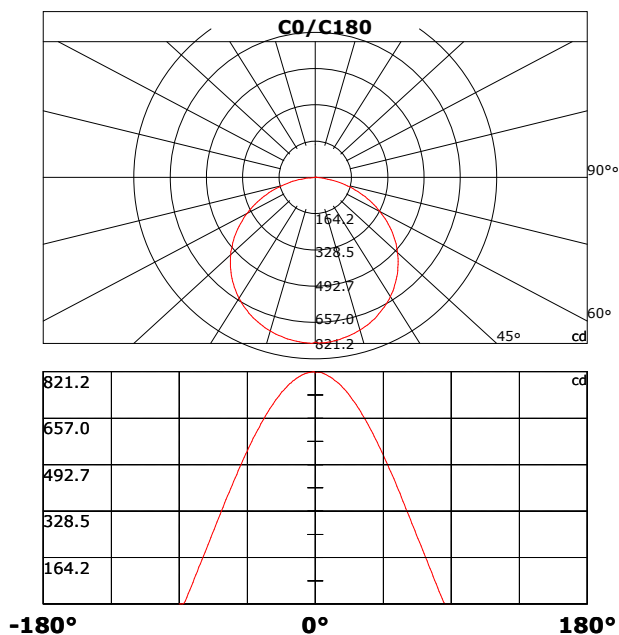
Luminaire Description: B1264-BC
Luminaire Category: DOWNLIGHT SLIM 25W
Lamp Category:
Lamp Description: BLANCO CALIDO 3000K
Number of Lamp: 1
Lamp Lumens(lm): NA
Luminous Length(m): 0.23
Luminous Width(m): 0.23
Luminous Height(m): 0.035

Voltage: 231.8 V
Current: 0.118 A
Power: 24.39 W
Power Factor: 0.890
Test Lab: BLED
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Effective Luminous Flux: 2238.25 lm
Efficiency: 93.0972 lm/W
Central Intensity: 815.969cd
Max. Intensity: 821.202cd
Field Angle(10%Imax): NA

Max.Intensity Angle: C:180.0 G:1.0
Beam Angle(50%Imax): L: -54.8 R:55.5
Luminaire Efficacy Rating(LER) : 100.00%
Upward Ratio: NA
Downward Ratio: NA
Beamwidth(50%Imax): H=114.8V=115.53





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	816.0	820.9	820.1	819.5	818.3	816.4	814.2	811.7	808.6	805.4
C45.0	816.0	811.5	812.1	812.2	812.9	811.9	811.3	810.4	808.8	807.1
C90.0	816.0	813.8	813.9	813.8	812.9	812.4	811.4	810.1	808.9	806.3
C135.0	816.0	816.8	816.7	816.6	815.2	814.3	812.9	811.3	809.2	806.9
C180.0	816.0	821.2	820.6	819.7	819.2	816.9	815.5	813.8	811.6	809.0
C225.0	816.0	809.5	807.9	805.5	804.3	801.9	799.1	796.5	792.8	790.0
C270.0	816.0	812.1	811.5	809.5	807.3	805.7	802.5	799.3	796.2	793.1
C315.0	816.0	816.7	815.6	814.4	812.8	811.2	809.3	807.0	804.7	802.5
C360.0	816.0	820.9	820.1	819.5	818.3	816.4	814.2	811.7	808.6	805.4
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	802.4	799.1	794.8	790.8	786.3	782.0	777.4	771.7	766.8	761.0
C45.0	805.1	802.9	800.7	798.1	794.8	791.7	787.8	783.9	779.5	775.2
C90.0	804.7	801.9	799.1	796.0	792.8	789.4	784.2	780.6	776.3	770.9
C135.0	804.4	801.9	798.4	795.0	791.1	787.3	782.9	778.0	773.4	769.0
C180.0	805.8	802.3	799.5	795.7	791.6	787.3	782.3	778.2	772.9	767.2
C225.0	786.0	782.4	777.0	772.7	768.1	762.6	757.6	751.1	745.1	738.5
C270.0	789.6	785.6	781.2	776.1	771.6	766.5	760.7	754.9	749.0	743.1
C315.0	799.4	795.9	792.1	788.4	784.4	779.9	775.1	769.6	764.4	758.9
C360.0	802.4	799.1	794.8	790.8	786.3	782.0	777.4	771.7	766.8	761.0
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	755.2	749.3	741.9	735.2	727.9	720.5	712.9	705.0	696.9	690.0
C45.0	769.7	765.3	759.6	754.4	748.5	742.0	735.8	729.2	722.4	715.1
C90.0	766.1	759.8	754.9	748.8	743.1	736.2	729.0	722.8	715.4	707.7
C135.0	763.1	757.5	751.2	745.8	739.2	731.8	725.3	717.8	711.0	702.8
C180.0	761.7	755.5	750.0	743.1	735.9	729.5	722.1	715.5	707.0	698.2
C225.0	732.5	725.6	718.5	711.3	703.6	696.5	687.7	679.4	671.4	662.2
C270.0	736.4	729.0	722.0	715.7	707.8	699.9	692.1	683.6	674.8	667.0
C315.0	753.2	746.4	740.1	734.1	726.6	720.0	712.0	704.4	696.8	688.6
C360.0	755.2	749.3	741.9	735.2	727.9	720.5	712.9	705.0	696.9	690.0
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	681.0	671.2	662.5	653.1	643.7	633.4	623.6	613.7	604.2	593.5
C45.0	707.8	699.9	692.2	684.1	675.0	667.2	658.0	649.7	640.2	629.9
C90.0	700.5	692.2	684.3	675.7	666.9	658.1	650.0	639.8	630.3	621.2
C135.0	694.6	686.6	678.5	670.0	660.6	651.7	642.1	633.7	623.5	612.5
C180.0	690.6	682.5	673.7	664.8	655.3	645.9	637.3	626.7	616.7	606.5
C225.0	652.6	643.8	634.4	624.3	614.8	604.5	594.9	583.6	572.5	559.9
C270.0	656.7	647.7	639.0	629.1	618.5	608.6	598.6	588.7	579.0	567.1
C315.0	679.8	671.0	662.1	652.9	643.9	633.7	624.7	613.8	603.2	590.7
C360.0	681.0	671.2	662.5	653.1	643.7	633.4	623.6	613.7	604.2	593.5



Light intensity data Unit[cd]

C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	582.0	571.6	560.7	549.7	538.1	526.2	514.8	503.0	492.0	479.1
C45.0	620.9	611.1	601.1	590.4	579.5	570.2	558.5	548.7	535.6	525.4
C90.0	610.6	601.2	590.5	580.4	569.4	557.9	548.2	536.7	524.3	513.7
C135.0	603.3	592.6	582.5	571.7	560.3	550.0	538.0	527.8	514.4	503.9
C180.0	596.2	586.3	575.3	563.9	553.0	541.9	531.1	518.1	506.4	495.1
C225.0	547.7	535.7	523.7	511.1	497.1	484.1	471.0	459.5	447.0	434.9
C270.0	556.1	545.3	534.4	521.8	511.4	499.3	488.2	476.3	463.4	451.5
C315.0	579.6	568.1	556.4	544.3	530.7	517.8	504.8	493.9	481.3	469.8
C360.0	582.0	571.6	560.7	549.7	538.1	526.2	514.8	503.0	492.0	479.1
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	467.2	455.1	442.8	429.2	417.1	403.7	391.5	378.6	363.9	351.4
C45.0	513.7	503.1	490.1	477.9	467.0	455.1	443.4	429.1	417.1	405.4
C90.0	501.8	490.8	477.3	465.4	454.1	442.2	430.1	416.0	404.7	391.4
C135.0	491.7	480.7	468.3	455.1	443.8	431.0	419.1	405.6	392.5	380.7
C180.0	483.6	471.8	458.0	446.3	433.9	421.7	408.2	394.7	382.7	369.7
C225.0	422.6	409.5	397.3	383.4	370.4	357.1	344.8	331.8	318.0	303.5
C270.0	439.4	427.3	415.0	401.3	388.8	375.3	363.1	348.8	335.5	322.9
C315.0	456.7	445.5	432.9	419.9	407.1	394.0	381.7	369.0	355.6	340.8
C360.0	467.2	455.1	442.8	429.2	417.1	403.7	391.5	378.6	363.9	351.4
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	338.4	325.2	311.3	297.9	284.5	271.8	258.7	244.4	231.4	218.6
C45.0	392.4	379.0	365.7	353.7	341.3	327.7	314.2	300.4	288.0	274.0
C90.0	379.2	365.9	352.4	340.1	326.3	314.5	299.3	287.3	273.9	259.9
C135.0	367.3	354.4	340.3	327.2	315.0	301.1	287.6	273.7	261.4	247.1
C180.0	357.4	342.3	329.8	317.3	304.0	289.9	276.0	263.4	250.1	236.1
C225.0	291.5	279.0	263.9	250.7	237.2	224.6	209.8	197.1	184.0	170.3
C270.0	310.0	295.0	282.5	269.2	255.9	243.0	228.4	215.4	203.0	188.6
C315.0	328.9	317.0	301.3	288.4	275.7	262.0	248.4	234.7	222.3	209.4
C360.0	338.4	325.2	311.3	297.9	284.5	271.8	258.7	244.4	231.4	218.6
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	204.6	191.0	178.9	164.5	151.8	138.8	125.2	112.6	98.7	84.1
C45.0	261.4	248.2	233.8	221.5	208.3	194.9	182.4	167.8	156.4	143.3
C90.0	248.4	233.8	221.4	208.2	194.7	182.4	167.9	156.1	142.6	131.0
C135.0	235.2	221.6	207.1	194.8	181.2	168.0	155.5	141.7	128.2	116.3
C180.0	223.8	209.5	195.5	183.4	169.7	156.6	142.3	130.3	115.9	103.6
C225.0	157.9	144.7	132.7	119.1	106.7	93.7	81.3	69.0	56.4	44.2
C270.0	176.8	162.8	148.9	136.4	123.6	110.3	98.2	85.2	73.8	60.8
C315.0	196.0	182.3	170.1	156.6	143.4	130.4	117.5	105.9	92.4	79.7
C360.0	204.6	191.0	178.9	164.5	151.8	138.8	125.2	112.6	98.7	84.1



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
C0.0	71.5	57.4	44.7	31.6	19.0	7.1	0.0	0.0	0.0	0.0
C45.0	130.3	117.2	105.2	93.2	81.0	68.1	55.4	43.7	31.5	21.0
C90.0	118.0	105.1	93.3	80.4	69.8	58.0	45.1	33.9	22.4	11.7
C135.0	103.1	90.0	77.8	64.8	51.9	39.5	27.6	16.2	7.1	0.0
C180.0	89.5	76.1	62.4	49.9	36.9	23.8	11.0	1.2	0.0	0.0
C225.0	33.0	21.8	11.7	3.5	0.0	0.0	0.0	0.0	0.0	0.0
C270.0	48.5	36.2	24.6	13.5	4.0	0.0	0.0	0.0	0.0	0.0
C315.0	67.9	54.1	42.1	30.5	19.2	9.1	0.7	0.0	0.0	0.0
C360.0	71.5	57.4	44.7	31.6	19.0	7.1	0.0	0.0	0.0	0.0
C\G	G90.0									
C0.0	0.0									
C45.0	12.0									
C90.0	2.1									
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	815.97	0.00	0.00	0.00	0.00
0.0-1.0	815.31	0.78	0.78	0.03	0.03
1.0-2.0	814.79	2.34	3.12	0.10	0.14
2.0-3.0	813.89	3.90	7.02	0.17	0.31
3.0-4.0	812.84	5.45	12.46	0.24	0.55
4.0-5.0	811.33	6.99	19.45	0.31	0.86
5.0-6.0	809.52	8.52	27.97	0.38	1.23
6.0-7.0	807.50	10.04	38.00	0.44	1.67
7.0-8.0	805.11	11.54	49.54	0.51	2.18
8.0-9.0	802.53	13.03	62.57	0.57	2.76
9.0-10.0	799.67	14.50	77.07	0.64	3.39
10.0-11.0	796.50	15.95	93.02	0.70	4.10
11.0-12.0	792.86	17.37	110.40	0.77	4.86
12.0-13.0	789.09	18.77	129.17	0.83	5.69
13.0-14.0	785.10	20.15	149.32	0.89	6.58
14.0-15.0	780.81	21.50	170.82	0.95	7.52
15.0-16.0	775.98	22.81	193.63	1.00	8.53
16.0-17.0	770.99	24.09	217.72	1.06	9.59
17.0-18.0	765.91	25.34	243.06	1.12	10.70
18.0-19.0	760.48	26.56	269.61	1.17	11.87
19.0-20.0	754.74	27.73	297.35	1.22	13.10
20.0-21.0	748.55	28.87	326.21	1.27	14.37
21.0-22.0	742.27	29.96	356.17	1.32	15.69
22.0-23.0	736.03	31.02	387.19	1.37	17.05
23.0-24.0	729.09	32.03	419.22	1.41	18.46
24.0-25.0	722.06	33.00	452.22	1.45	19.92
25.0-26.0	714.62	33.91	486.13	1.49	21.41
26.0-27.0	707.21	34.79	520.92	1.53	22.94
27.0-28.0	699.46	35.61	556.53	1.57	24.51
28.0-29.0	691.46	36.39	592.92	1.60	26.11
29.0-30.0	682.94	37.11	630.03	1.63	27.75
30.0-31.0	674.37	37.77	667.80	1.66	29.41
31.0-32.0	665.84	38.40	706.20	1.69	31.10
32.0-33.0	656.75	38.96	745.16	1.72	32.82
33.0-34.0	647.34	39.47	784.63	1.74	34.56
34.0-35.0	637.90	39.92	824.54	1.76	36.31
35.0-36.0	628.65	40.33	864.87	1.78	38.09
36.0-37.0	618.72	40.68	905.55	1.79	39.88
37.0-38.0	608.70	40.97	946.52	1.80	41.69
38.0-39.0	597.66	41.18	987.70	1.81	43.50
39.0-40.0	587.04	41.32	1029.02	1.82	45.32



Zonal Luminous Flux Data

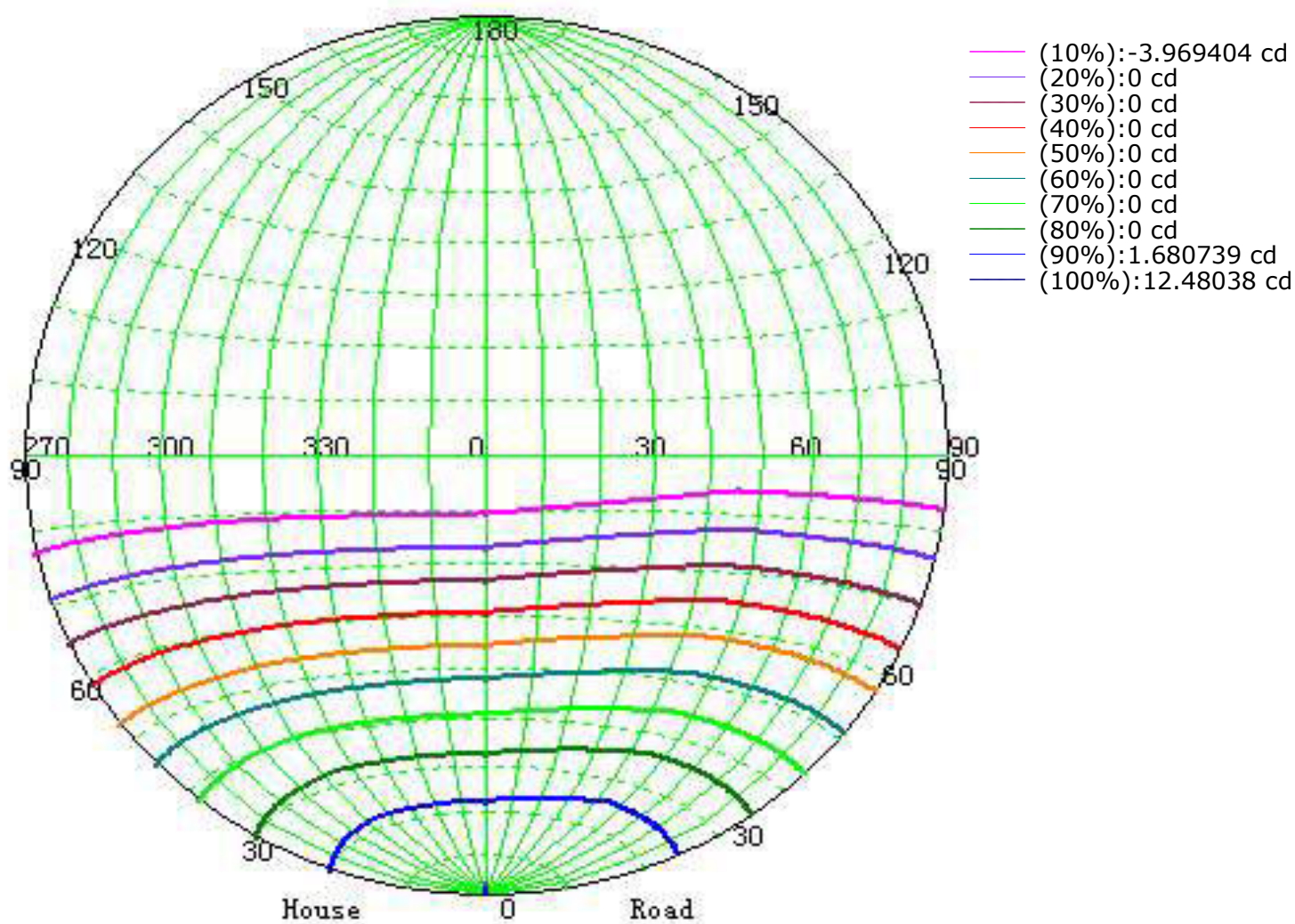
Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	576.48	41.43	1070.45	1.82	47.14
41.0-42.0	565.59	41.49	1111.94	1.83	48.97
42.0-43.0	554.15	41.48	1153.42	1.83	50.80
43.0-44.0	542.43	41.39	1194.81	1.82	52.62
44.0-45.0	530.93	41.25	1236.06	1.82	54.44
45.0-46.0	519.34	41.07	1277.13	1.81	56.25
46.0-47.0	507.99	40.86	1317.99	1.80	58.04
47.0-48.0	495.55	40.57	1358.56	1.79	59.83
48.0-49.0	484.17	40.23	1398.79	1.77	61.60
49.0-50.0	472.07	39.87	1438.66	1.76	63.36
50.0-51.0	460.48	39.45	1478.12	1.74	65.10
51.0-52.0	447.72	38.97	1517.09	1.72	66.81
52.0-53.0	434.78	38.39	1555.48	1.69	68.50
53.0-54.0	422.78	37.80	1593.28	1.66	70.17
54.0-55.0	410.01	37.17	1630.45	1.64	71.81
55.0-56.0	397.75	36.50	1666.95	1.61	73.41
56.0-57.0	384.19	35.75	1702.70	1.57	74.99
57.0-58.0	371.25	34.93	1737.64	1.54	76.53
58.0-59.0	358.22	34.10	1771.74	1.50	78.03
59.0-60.0	345.65	33.25	1804.99	1.46	79.49
60.0-61.0	332.23	32.35	1837.34	1.42	80.92
61.0-62.0	318.39	31.35	1868.69	1.38	82.30
62.0-63.0	305.57	30.35	1899.04	1.34	83.63
63.0-64.0	292.49	29.35	1928.39	1.29	84.93
64.0-65.0	279.35	28.30	1956.69	1.25	86.17
65.0-66.0	265.30	27.17	1983.86	1.20	87.37
66.0-67.0	252.03	26.01	2009.87	1.15	88.52
67.0-68.0	239.27	24.89	2034.76	1.10	89.61
68.0-69.0	225.50	23.71	2058.47	1.04	90.66
69.0-70.0	212.99	22.52	2080.99	0.99	91.65
70.0-71.0	199.22	21.31	2102.30	0.94	92.59
71.0-72.0	186.03	20.03	2122.33	0.88	93.47
72.0-73.0	173.05	18.78	2141.11	0.83	94.30
73.0-74.0	159.94	17.51	2158.61	0.77	95.07
74.0-75.0	146.89	16.21	2174.82	0.71	95.78
75.0-76.0	133.79	14.90	2189.72	0.66	96.44
76.0-77.0	121.06	13.59	2203.31	0.60	97.03
77.0-78.0	108.04	12.26	2215.57	0.54	97.57
78.0-79.0	95.35	10.93	2226.50	0.48	98.06
79.0-80.0	82.74	9.60	2236.10	0.42	98.48
80.0-81.0	69.74	8.25	2244.35	0.36	98.84



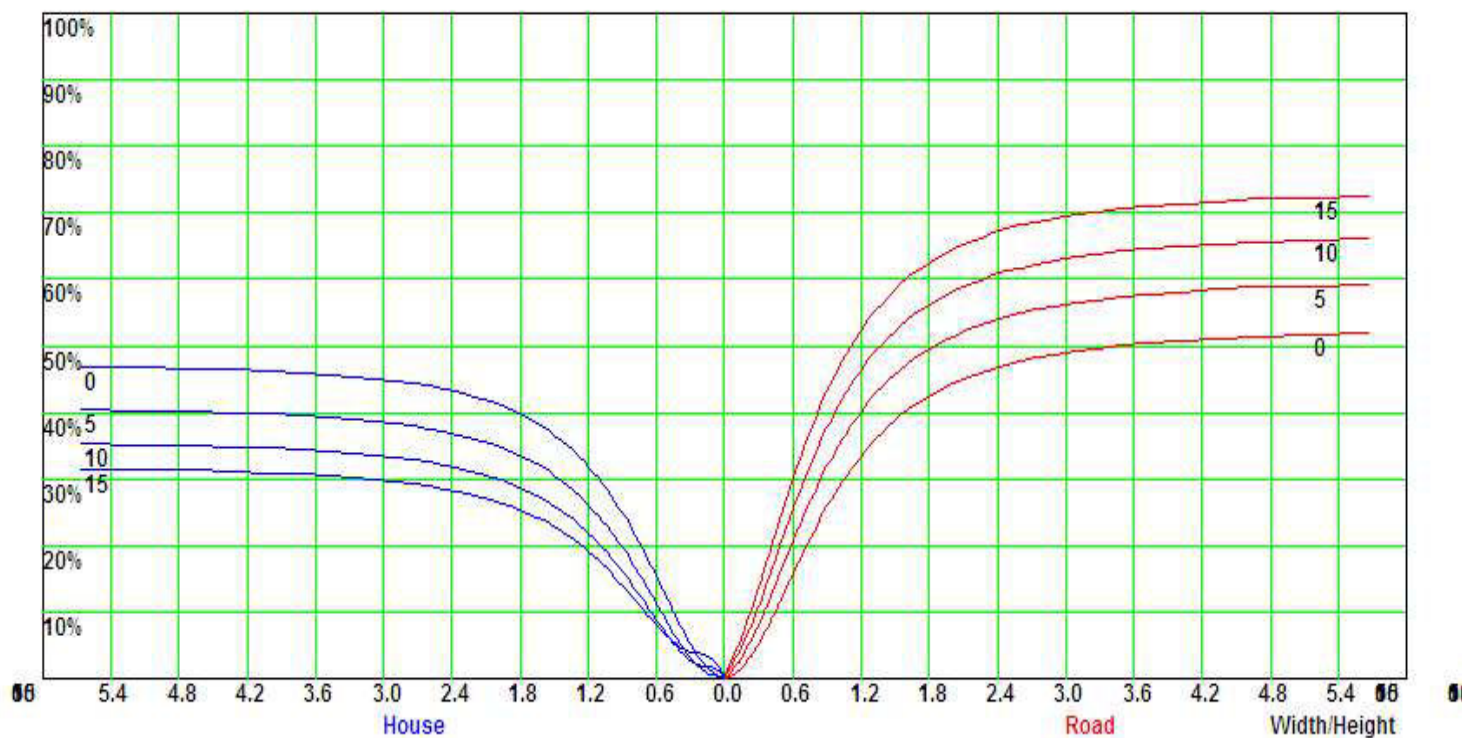
Zonal Luminous Flux Data

[illegible]

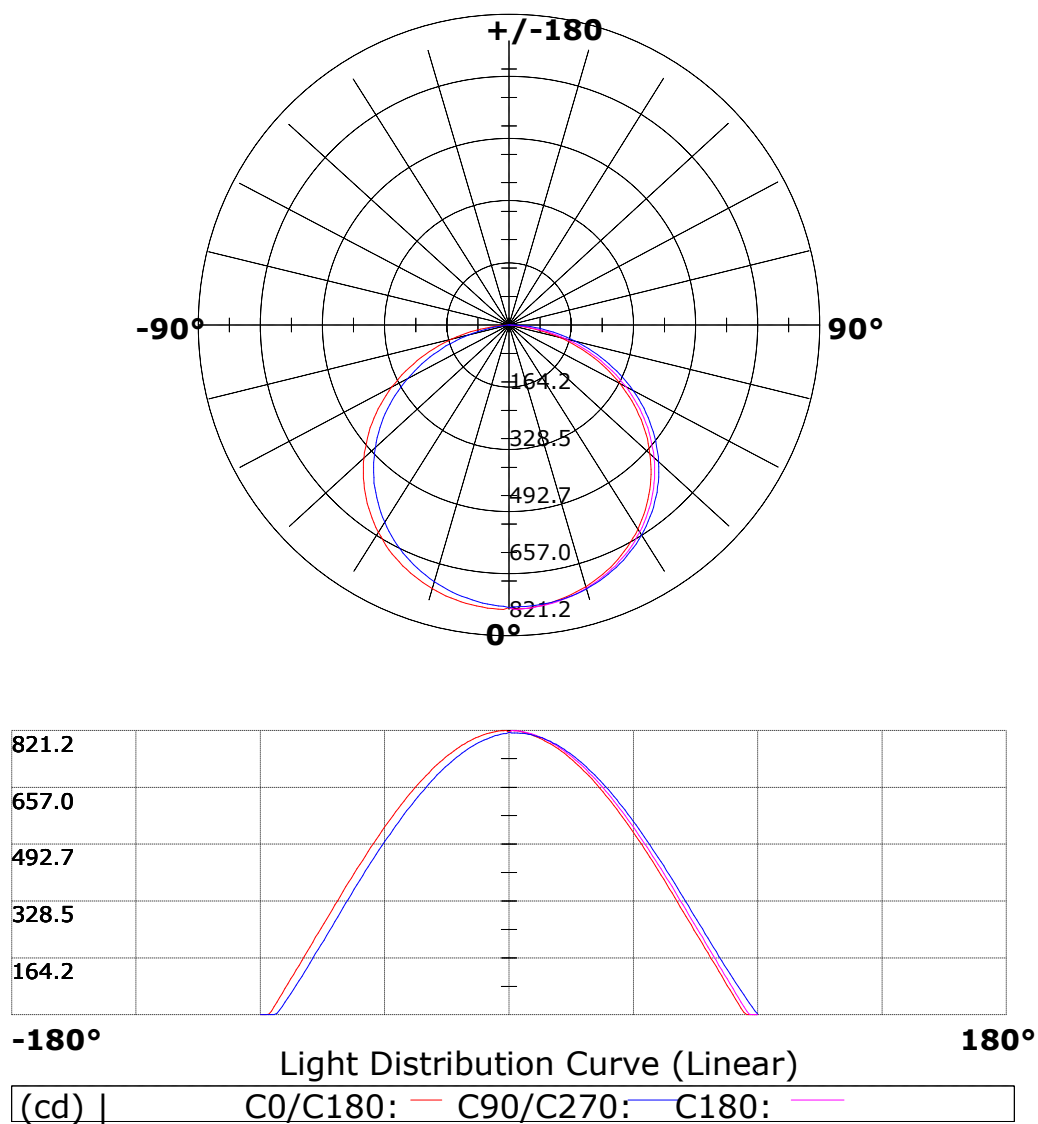
Iso-Candela [cd]

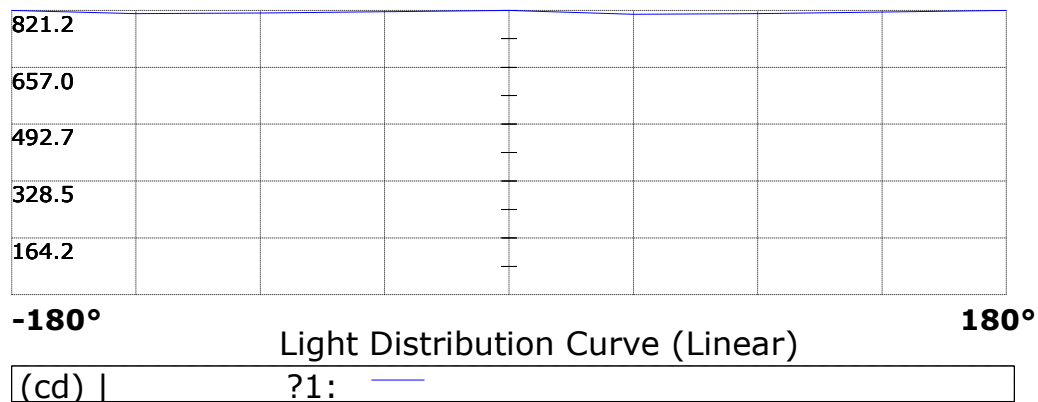
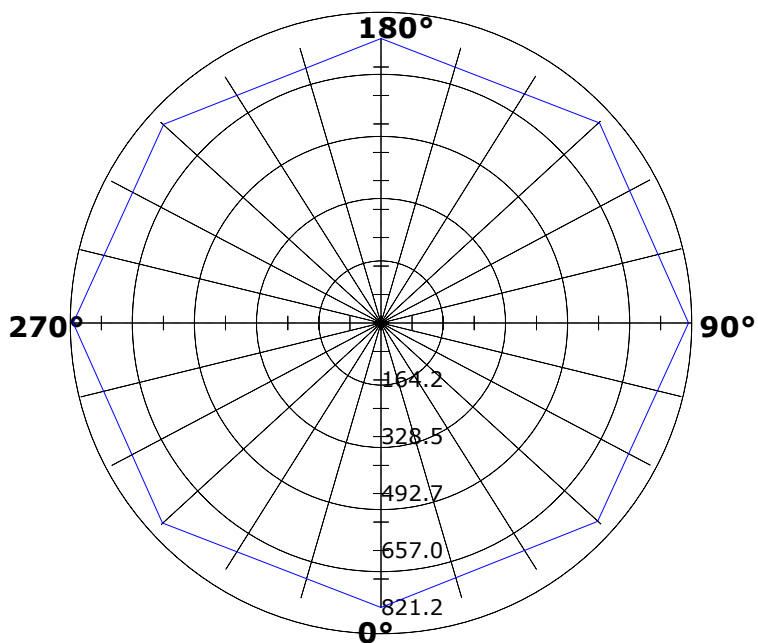


Coefficient Utilization Curve

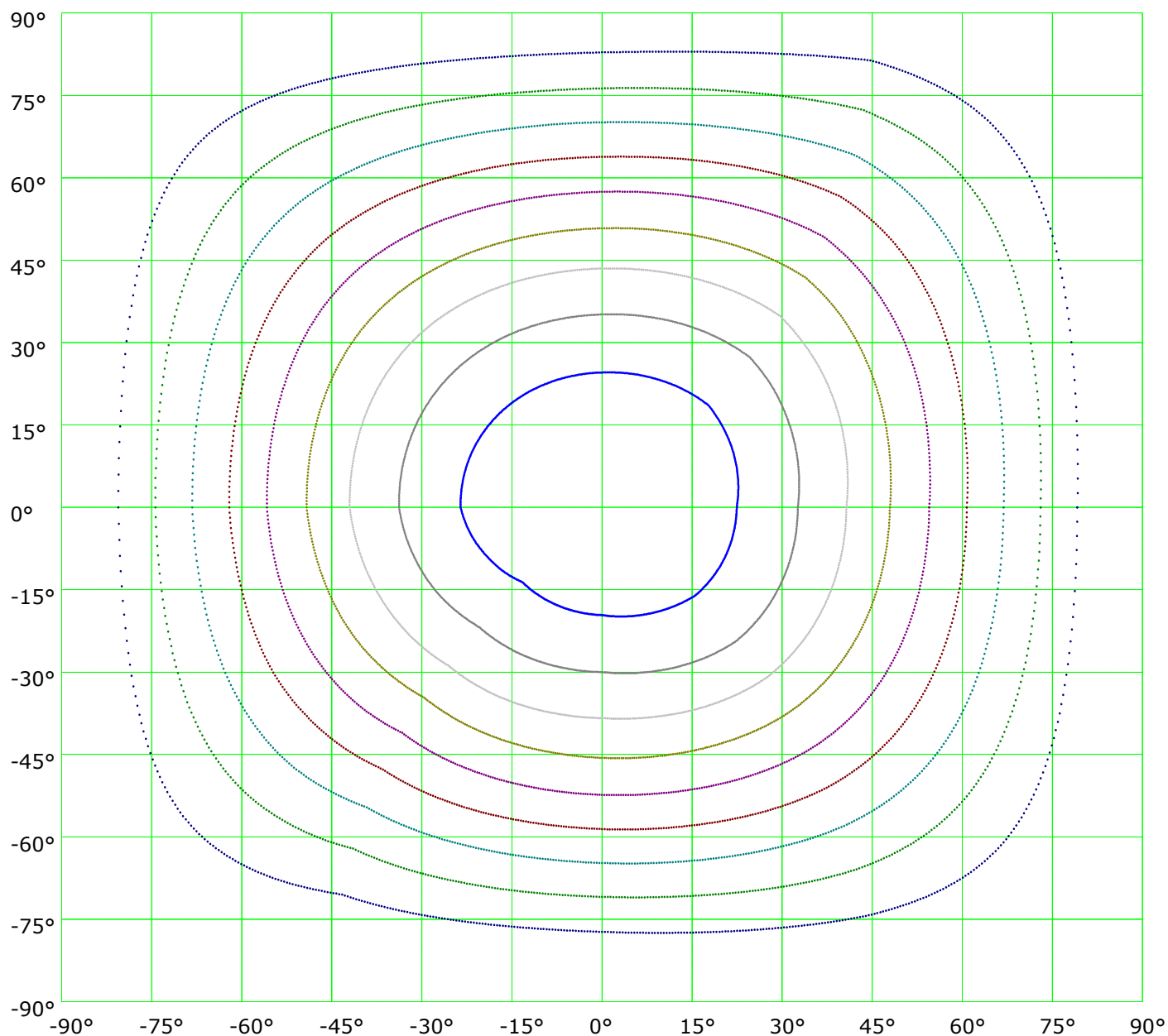


Light Distribution Curve [Unit: cd]



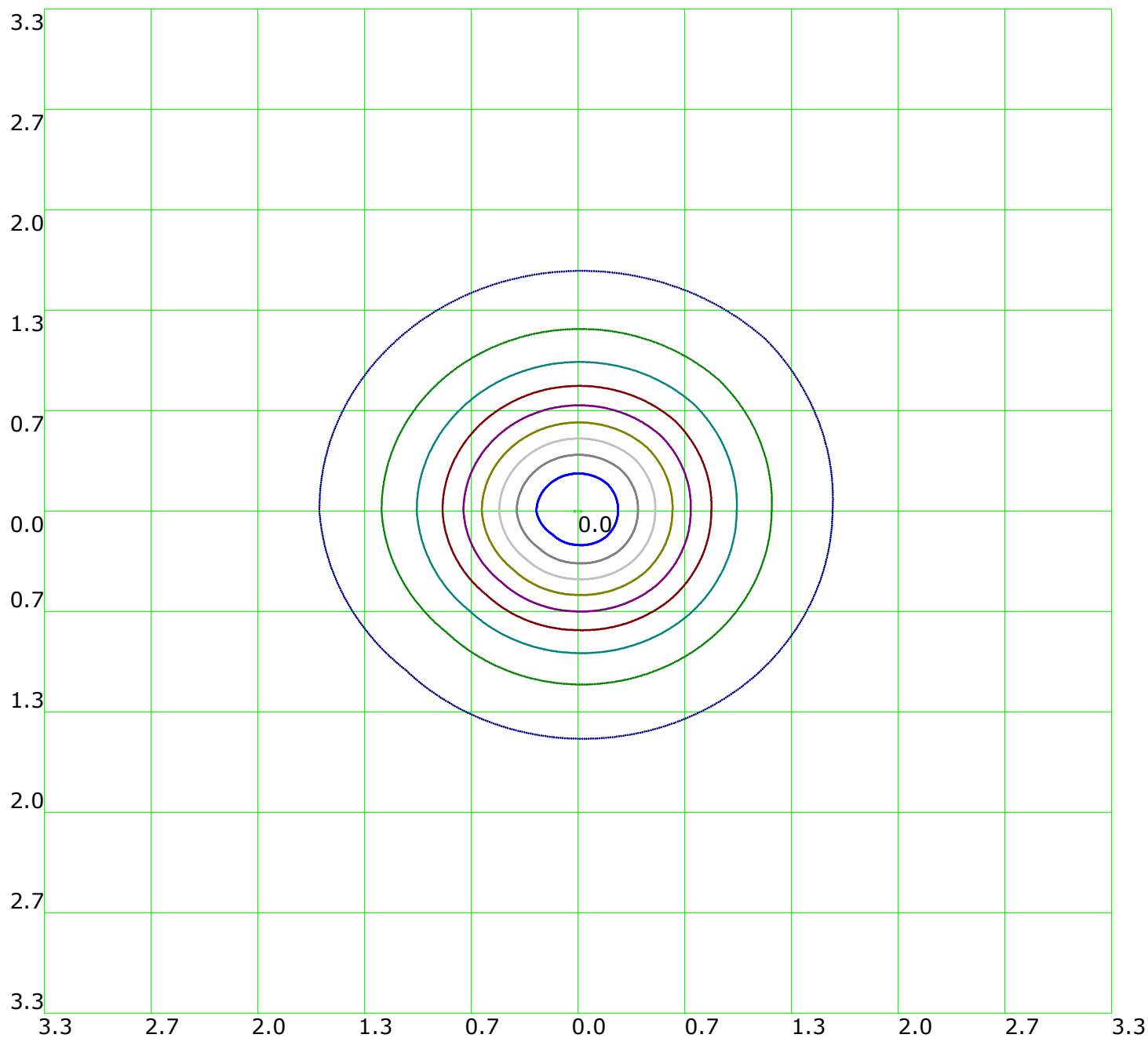


Isocandela(rectangle)



(10%): 82.1cd	(20%): 164.2cd	(30%): 246.4cd	(40%): 328.5cd
(50%): 410.6cd	(60%): 492.7cd	(70%): 574.8cd	(80%): 657.0cd
(90%): 739.1cd	(100%): 821.2cd		

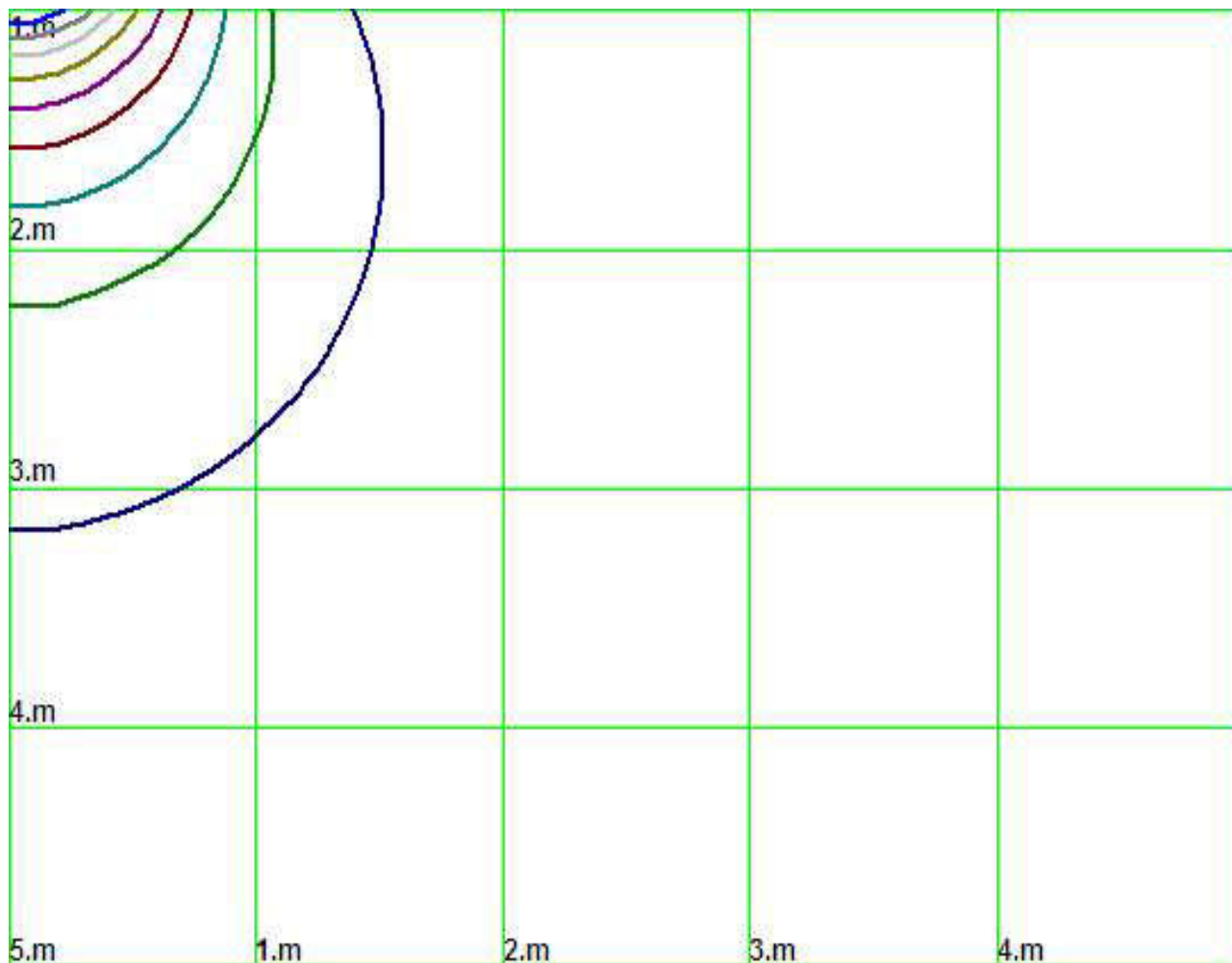
Isolx curve



Height: 1 m

— (10%): 82.1lx	— (20%): 164.2lx	— (30%): 246.4lx	— (40%): 328.5lx
— (50%): 410.6lx	— (60%): 492.7lx	— (70%): 574.8lx	— (80%): 657.1lx
— (90%): 739.1lx	— (100%): 820.4lx		

Space Isolx Curve



(10%): 82.1lx	(20%): 164.2lx	(30%): 246.4lx	(40%): 328.5lx
(50%): 410.6lx	(60%): 492.7lx	(70%): 574.8lx	(80%): 657.1lx
(90%): 739.1lx	(100%): 820.4lx		

Luminance Limiting Curve

Diameter: 230mm

Length: 230mm

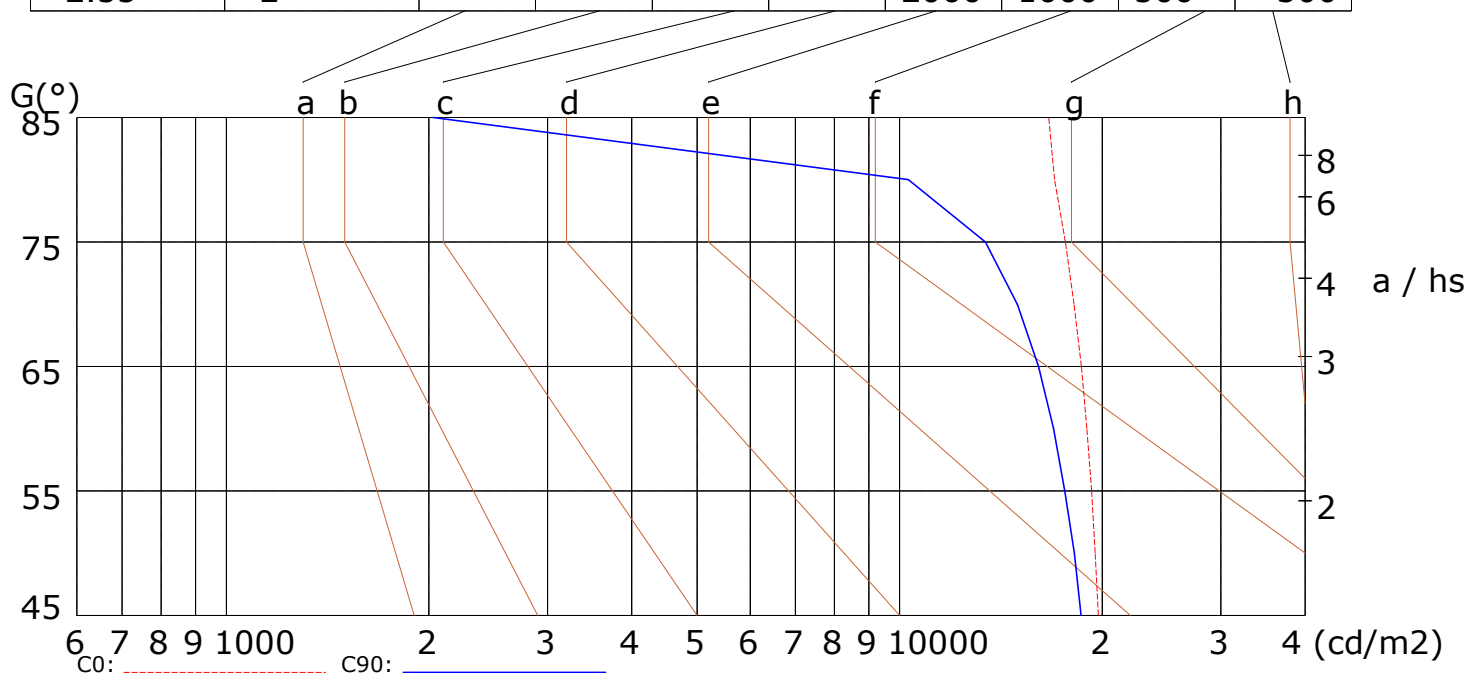
Width: 230mm

Height: 35mm

(cd/m²)

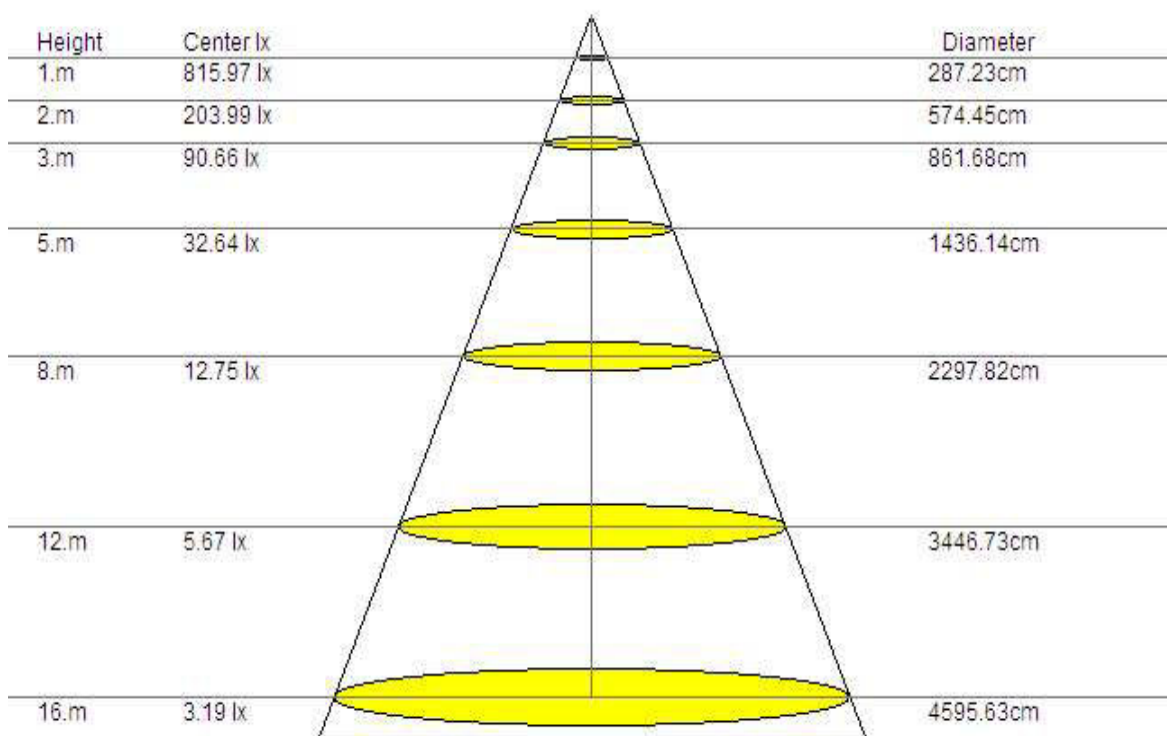
?	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	19725	19515	19274	18962	18607	18154	17623	16990	16648
C90	18604	18170	17594	16920	16077	14954	13409	10297	2031

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



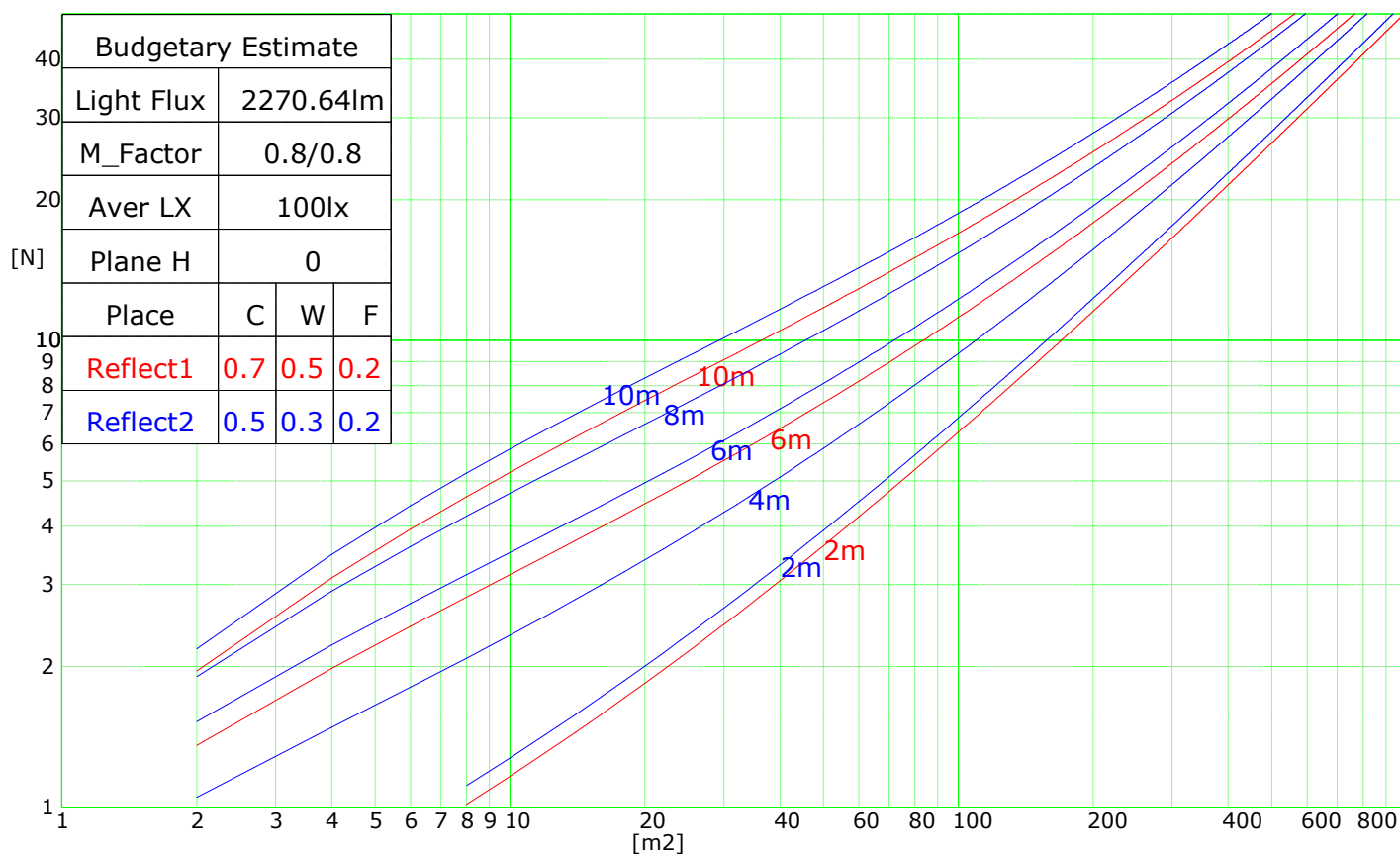
Beam Angle: 110.30°(50%Imax)



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	1.05	1.03	1.01	1.03	1.01	1.00	1.00	0.97	0.95	0.95	0.93	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	0.73	0.68	0.64	0.69	0.64	0.60	0.55
4	0.66	0.63	0.61	0.66	0.62	0.60	0.66	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	0.52	0.58	0.53	0.49	0.58	0.52	0.47	0.56	0.50	0.45	0.41
6	0.50	0.48	0.46	0.51	0.48	0.45	0.52	0.47	0.43	0.52	0.46	0.41	0.51	0.45	0.39	0.36
7	0.45	0.42	0.41	0.46	0.42	0.40	0.47	0.42	0.38	0.47	0.41	0.37	0.47	0.40	0.35	0.32
8	0.40	0.38	0.36	0.41	0.38	0.36	0.43	0.38	0.34	0.43	0.37	0.33	0.43	0.36	0.31	0.28
9	0.36	0.34	0.33	0.37	0.34	0.32	0.39	0.34	0.31	0.40	0.34	0.30	0.40	0.33	0.28	0.25
10	0.33	0.31	0.30	0.34	0.31	0.29	0.36	0.31	0.28	0.37	0.31	0.27	0.37	0.31	0.26	0.23

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	14.7	15.9	15.0	15.9	16.4	14.6	15.8	15.0	15.9	16.5
	3H	16.2	17.4	16.6	17.8	17.9	16.1	17.3	16.6	17.8	18.0
	4H	17.0	18.1	17.3	18.7	18.7	16.8	18.0	17.2	18.5	18.9
	6H	17.5	18.6	17.9	18.8	19.0	17.5	18.4	17.8	18.9	19.0
	8H	17.9	18.9	18.1	18.9	19.2	17.7	18.9	17.9	19.0	19.4
	12H	17.9	18.9	18.2	19.3	19.6	17.7	18.8	18.1	19.3	19.6
4H	2H	15.7	16.5	15.8	16.7	17.0	15.7	16.5	15.6	16.8	17.0
	3H	17.3	18.4	17.7	18.4	18.8	17.4	18.3	17.5	18.3	18.7
	4H	18.2	19.1	18.6	19.1	19.4	18.1	18.9	18.3	19.2	19.5
	6H	18.7	19.5	19.1	19.8	20.1	18.6	19.5	19.0	19.8	20.1
	8H	19.1	19.7	19.4	19.9	20.2	19.0	19.5	19.3	20.0	20.4
	12H	19.2	19.8	19.7	20.0	20.4	19.1	19.8	19.5	20.1	20.6
8H	4H	18.5	19.2	18.9	19.4	19.9	18.3	19.1	18.8	19.4	19.9
	6H	19.3	19.8	19.8	20.2	20.6	19.2	19.8	19.7	20.2	20.7
	8H	19.7	20.2	20.1	20.4	20.9	19.5	20.0	20.0	20.5	21.0
	12H	20.1	20.4	20.4	20.9	21.2	19.8	20.3	20.2	20.8	21.3
12H	4H	18.6	19.2	19.1	19.5	19.9	18.6	19.0	18.9	19.4	19.9
	6H	19.5	20.0	19.8	20.3	20.7	19.4	19.9	19.8	20.1	20.6
	8H	20.0	20.3	20.3	20.7	21.1	19.8	20.3	20.1	20.6	21.1