

## Luminaire Property

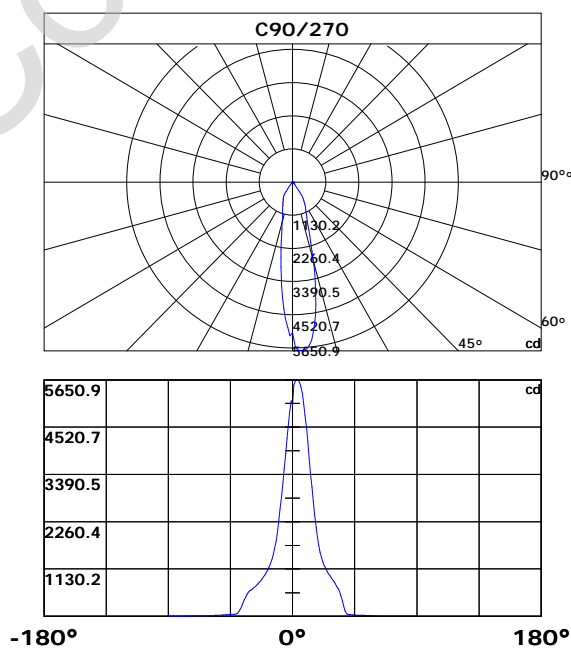
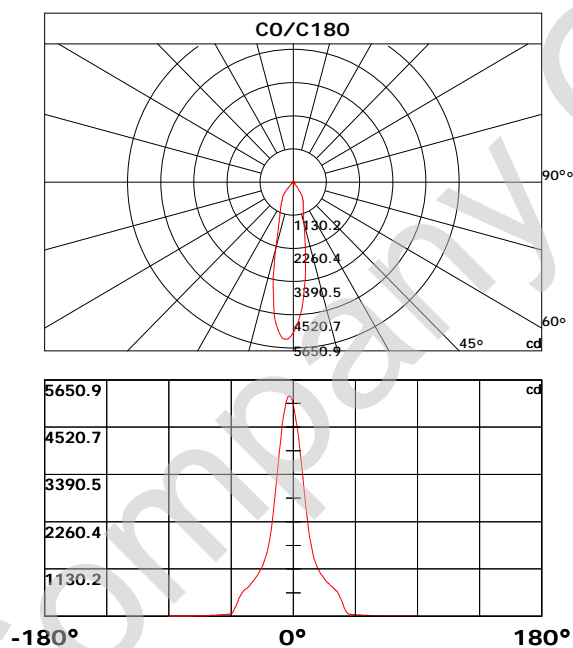
Luminaire Description: 406-B  
Luminaire Category:  
Lamp Category:  
Lamp Description:  
Number of Lamp:  
Lamp Lumens(lm): 1740.41  
Luminous Length(m): 0.0  
Luminous Width(m): 0.0  
Luminous Height(m): 0.0

Voltage: 219.7 V  
Current: 0.169 A  
Power: 21.18 W  
Power Factor: 0.569  
Test Lab:  
Photometric Type: Type C  
Manufactory:

## Photometric Results

CIE Class: Direct  
Luminaire Lumens: 1740.41 lm  
Efficiency: 82.1723 lm/W  
Central Intensity: 5035.635cd  
Max. Intensity: 5650.881cd  
Field Angle(10%Imax): NA

Max.Intensity Angle: C:90.0 G:3.0  
Beam Angle(50%Imax): 26.16, 29.27  
Luminaire Efficacy Rating(LER) : 100.00%  
Upward Ratio: NA  
Downward Ratio: NA  
Beamwidth(50%Imax): H=26.16V=29.27



## 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	5035.6	4891.5	4692.5	4478.6	4233.3	3949.6	3604.8	3309.2	2994.8	2683.6
C30.0	5035.6	5226.6	5183.2	5088.1	4935.0	4749.5	4516.3	4263.7	3949.1	3621.4
C60.0	5035.6	4864.4	5101.1	5269.9	5390.6	5450.7	5474.9	5427.0	5349.8	5192.8
C90.0	5035.6	5525.3	5626.5	5650.9	5640.5	5591.5	5484.8	5325.9	5070.7	4798.0
C120.0	5035.6	4834.0	5125.5	5340.4	5497.1	5609.4	5649.2	5620.0	5550.2	5423.4
C150.0	5035.6	5422.9	5424.7	5367.7	5267.0	5097.0	4870.3	4618.6	4313.9	4004.4
C180.0	5035.6	5183.7	5260.0	5269.6	5242.1	5130.8	4974.3	4778.3	4558.5	4229.9
C210.0	5035.6	5168.9	5046.0	4887.4	4703.2	4469.2	4202.1	3862.4	3550.0	3239.4
C240.0	5035.6	4347.3	4027.3	3663.4	3330.5	3019.2	2715.7	2428.4	2130.4	1907.5
C270.0	5035.6	5151.3	4864.4	4580.5	4256.0	3897.2	3519.5	3182.4	2874.3	2566.2
C300.0	5035.6	4234.7	3880.5	3534.5	3173.0	2858.9	2563.3	2281.3	2008.5	1795.0
C330.0	5035.6	5230.5	5025.0	4825.1	4564.6	4289.8	3961.6	3651.4	3327.6	3030.8
C360.0	5035.6	4891.5	4692.5	4478.6	4233.3	3949.6	3604.8	3309.2	2994.8	2683.6
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	2376.0	2123.9	1884.1	1699.6	1540.5	1393.5	1289.6	1209.0	1138.2	1065.8
C30.0	3295.9	2981.1	2673.7	2353.8	2090.6	1878.3	1694.8	1531.8	1412.1	1317.2
C60.0	4993.9	4720.8	4458.8	4152.9	3814.6	3465.7	3091.4	2769.1	2460.5	2173.4
C90.0	4499.1	4163.0	3769.9	3424.9	3078.4	2742.5	2425.0	2125.6	1886.5	1692.6
C120.0	5234.6	4991.9	4726.1	4442.1	4127.0	3746.7	3402.7	3070.9	2745.6	2430.1
C150.0	3675.3	3333.1	2978.2	2661.6	2350.9	2097.1	1878.8	1684.0	1536.9	1421.7
C180.0	3914.1	3584.0	3269.6	2904.8	2603.2	2316.6	2065.2	1837.0	1662.2	1526.3
C210.0	2939.8	2610.2	2325.0	2070.5	1854.4	1656.9	1515.1	1397.8	1301.7	1214.3
C240.0	1714.8	1563.5	1423.6	1324.2	1233.6	1160.7	1084.9	1028.8	976.0	928.2
C270.0	2282.8	2010.9	1798.4	1623.3	1479.9	1360.6	1255.6	1179.3	1113.1	1049.6
C300.0	1619.2	1475.6	1343.2	1249.8	1170.8	1103.2	1040.9	983.9	933.7	889.1
C330.0	2734.5	2415.8	2151.9	1923.0	1719.9	1549.2	1398.3	1294.2	1203.0	1130.7
C360.0	2376.0	2123.9	1884.1	1699.6	1540.5	1393.5	1289.6	1209.0	1138.2	1065.8
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	1012.4	964.9	919.7	877.7	836.2	801.4	770.3	739.1	704.4	678.0
C30.0	1232.9	1163.1	1094.5	1035.9	983.9	934.2	884.2	841.7	801.6	765.9
C60.0	1911.4	1715.1	1555.7	1425.1	1324.6	1229.5	1157.3	1095.3	1035.6	978.2
C90.0	1529.4	1393.5	1296.9	1212.6	1146.2	1082.9	1021.6	971.9	922.6	877.5
C120.0	2125.6	1892.3	1691.9	1533.7	1399.5	1301.5	1220.6	1145.7	1079.3	1016.8
C150.0	1322.7	1231.5	1159.2	1095.3	1040.2	987.6	929.1	883.5	841.2	800.7
C180.0	1412.8	1318.9	1223.7	1155.1	1090.7	1031.5	983.2	925.8	882.3	841.7
C210.0	1136.1	1074.3	1018.0	966.6	913.4	869.3	827.7	790.3	756.7	722.0
C240.0	882.5	837.4	799.5	766.2	736.4	709.9	677.8	655.3	631.2	609.7
C270.0	988.8	941.0	897.0	853.1	813.0	774.4	741.8	711.1	680.4	653.2
C300.0	847.3	802.1	767.6	737.4	709.9	681.1	652.9	629.7	607.7	577.8
C330.0	1064.1	1013.2	961.0	913.9	870.9	828.9	793.4	757.2	725.6	688.6
C360.0	1012.4	964.9	919.7	877.7	836.2	801.4	770.3	739.1	704.4	678.0

## 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	649.8	622.2	584.6	520.6	453.5	375.7	291.7	199.5	128.2	77.5
C30.0	727.0	683.8	650.0	621.8	574.9	480.7	379.6	279.9	180.4	93.5
C60.0	927.2	878.9	835.0	783.5	716.2	671.5	617.9	524.9	394.1	275.3
C90.0	829.4	770.0	715.9	663.5	590.4	493.8	366.8	234.9	133.3	65.4
C120.0	965.6	914.4	868.0	821.5	766.6	712.6	666.2	602.2	488.2	369.9
C150.0	760.4	725.3	684.3	650.5	619.6	576.1	494.7	397.7	298.9	195.3
C180.0	802.1	762.0	723.9	683.6	658.5	632.6	605.6	565.0	509.7	442.1
C210.0	685.8	658.9	634.8	611.1	577.8	524.2	457.3	376.4	303.8	231.1
C240.0	573.2	518.2	453.5	375.5	298.5	215.9	149.0	97.8	66.6	53.9
C270.0	628.8	604.6	573.5	520.6	462.9	389.7	311.5	231.1	157.7	107.4
C300.0	524.7	459.3	386.8	309.8	239.5	163.0	106.5	71.5	56.2	50.5
C330.0	662.1	636.5	611.6	575.9	520.6	454.7	381.3	307.4	228.2	157.9
C360.0	649.8	622.2	584.6	520.6	453.5	375.7	291.7	199.5	128.2	77.5
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	55.3	49.5	43.5	39.4	37.4	36.5	34.0	32.6	31.4	30.2
C30.0	58.0	49.2	43.2	38.6	36.9	34.8	33.1	32.1	30.9	29.0
C60.0	161.1	82.1	55.8	48.3	41.5	38.1	36.5	33.3	31.4	29.9
C90.0	50.0	42.3	36.9	34.0	32.4	30.2	29.5	27.8	26.8	26.8
C120.0	248.5	141.0	70.0	52.9	46.1	40.8	37.7	34.5	32.4	30.9
C150.0	114.4	65.2	51.4	46.4	40.6	37.7	36.2	33.6	32.4	30.9
C180.0	360.3	281.1	205.5	138.6	83.3	61.1	54.1	48.3	43.7	41.3
C210.0	160.1	104.1	68.8	56.2	52.1	47.3	43.9	41.3	39.4	38.1
C240.0	50.0	45.9	42.0	40.1	38.4	36.7	35.0	33.6	31.9	30.7
C270.0	71.2	56.5	51.9	48.0	43.5	41.8	39.8	38.4	36.9	34.3
C300.0	46.1	42.5	41.0	39.1	36.9	35.0	33.6	31.4	30.2	28.0
C330.0	98.8	66.9	55.1	50.2	45.1	41.5	39.4	37.7	35.5	34.0
C360.0	55.3	49.5	43.5	39.4	37.4	36.5	34.0	32.6	31.4	30.2
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	29.0	27.8	25.8	24.2	21.5	19.1	17.2	15.2	13.5	11.3
C30.0	27.5	26.8	25.1	22.5	21.0	18.8	16.9	14.7	11.3	10.1
C60.0	28.5	27.3	26.1	24.2	22.9	21.7	20.0	18.6	16.7	15.2
C90.0	24.4	23.9	21.5	20.0	18.4	16.9	15.7	13.3	10.6	10.1
C120.0	29.0	28.0	27.8	25.8	24.9	22.7	21.3	19.5	18.1	16.2
C150.0	29.2	28.0	27.5	25.4	23.4	21.5	18.8	16.9	14.5	12.3
C180.0	39.8	37.2	36.7	34.5	33.8	31.2	29.7	28.0	25.6	23.2
C210.0	37.2	35.5	34.5	32.8	31.2	29.0	26.6	23.9	22.2	19.8
C240.0	29.0	27.3	25.1	22.9	21.3	19.3	17.4	15.9	14.5	13.1
C270.0	33.3	30.9	28.7	27.8	26.1	23.4	21.5	20.5	17.9	16.7
C300.0	26.8	24.9	22.2	20.5	18.8	17.2	15.4	14.5	13.5	12.1
C330.0	33.3	31.4	29.7	28.5	26.6	24.9	23.4	21.3	18.8	16.9
C360.0	29.0	27.8	25.8	24.2	21.5	19.1	17.2	15.2	13.5	11.3

## 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	9.9	8.2	8.0	6.5	5.6	4.6	4.1	3.6	3.1	2.9
C30.0	8.2	6.3	5.6	5.1	4.6	3.6	3.3	2.9	2.7	2.4
C60.0	13.1	10.9	8.2	7.0	6.0	5.1	4.8	4.4	3.9	2.4
C90.0	7.7	6.3	4.6	4.1	2.9	2.4	1.7	0.7	0.0	0.0
C120.0	15.2	12.8	10.9	8.9	8.0	6.3	5.3	4.6	3.9	3.1
C150.0	10.9	9.2	7.7	6.3	5.3	5.3	4.6	3.9	3.9	3.6
C180.0	21.0	18.1	15.9	14.0	12.3	11.1	9.4	8.2	7.2	6.5
C210.0	17.6	16.2	14.7	12.8	12.1	10.6	10.1	8.7	8.2	7.7
C240.0	12.3	11.1	10.1	9.2	8.9	8.0	6.5	6.3	5.3	5.3
C270.0	15.2	13.8	13.1	11.1	10.6	9.9	8.7	8.4	8.0	7.0
C300.0	10.9	10.6	9.7	8.9	8.4	7.2	6.8	6.0	5.3	5.3
C330.0	15.0	14.0	13.1	11.8	10.4	9.4	8.7	8.2	7.2	5.8
C360.0	9.9	8.2	8.0	6.5	5.6	4.6	4.1	3.6	3.1	2.9
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	2.7	1.9	1.8	1.7	1.0	0.7	0.5	0.0	0.0	0.0
C30.0	1.9	1.2	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C60.0	1.0	1.0	0.7	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	2.9	1.9	1.2	1.0	0.5	0.0	0.0	0.0	0.0	0.0
C150.0	2.7	1.9	1.9	1.9	1.2	0.7	0.7	0.2	0.0	0.0
C180.0	5.8	5.3	4.8	4.3	3.9	3.9	3.1	2.7	2.7	1.9
C210.0	7.0	6.0	5.6	4.8	4.6	3.9	3.6	3.4	2.9	2.4
C240.0	5.1	4.1	3.1	2.9	2.7	2.4	1.9	1.2	0.7	0.2
C270.0	6.5	5.8	5.6	4.8	3.9	3.3	2.7	2.4	1.9	1.0
C300.0	5.1	4.3	3.1	3.4	2.9	2.9	1.4	1.0	0.7	0.5
C330.0	6.0	5.3	5.1	4.3	4.3	3.6	3.6	2.7	2.7	2.2
C360.0	2.7	1.9	1.8	1.7	1.0	0.7	0.5	0.0	0.0	0.0
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	0.0	0.0	0.0	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	1.4	1.0	0.7	0.7	0.7	0.0	0.0	0.0	0.0	0.0
C210.0	1.2	1.2	1.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0
C240.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C270.0	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C300.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
C330.0	1.9	1.7	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
C360.0	0.0	0.0	0.0	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	0.0									
C240.0	0.0									
C270.0	0.0									
C300.0	0.0									
C330.0	0.0									
C360.0	0.0									

## Zonal Luminous Flux Data

Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	5035.63	0.00	0.00	0.00	0.00
0.0-1.0	5006.77	4.81	4.81	0.28	0.28
1.0-2.0	4938.06	14.27	19.08	0.82	1.10
2.0-3.0	4829.66	23.36	42.44	1.34	2.44
3.0-4.0	4686.06	31.85	74.29	1.83	4.27
4.0-5.0	4509.39	39.56	113.85	2.27	6.54
5.0-6.0	4294.73	46.27	160.12	2.66	9.20
6.0-7.0	4062.39	51.87	211.99	2.98	12.18
7.0-8.0	3806.48	56.32	268.31	3.24	15.42
8.0-9.0	3541.05	59.55	327.85	3.42	18.84
9.0-10.0	3273.33	61.67	389.52	3.54	22.38
10.0-11.0	2997.81	62.66	452.18	3.60	25.98
11.0-12.0	2733.55	62.65	514.84	3.60	29.58
12.0-13.0	2485.87	61.94	576.78	3.56	33.14
13.0-14.0	2255.31	60.69	637.46	3.49	36.63
14.0-15.0	2039.25	58.96	696.42	3.39	40.01
15.0-16.0	1845.19	56.92	753.34	3.27	43.29
16.0-17.0	1675.95	54.83	808.17	3.15	46.44
17.0-18.0	1530.80	52.87	861.05	3.04	49.47
18.0-19.0	1403.25	51.05	912.09	2.93	52.41
19.0-20.0	1288.83	49.27	961.36	2.83	55.24
20.0-21.0	1195.59	47.71	1009.07	2.74	57.98
21.0-22.0	1115.40	46.44	1055.51	2.67	60.65
22.0-23.0	1047.72	45.39	1100.90	2.61	63.26
23.0-24.0	988.76	44.52	1145.42	2.56	65.81
24.0-25.0	936.02	43.77	1189.19	2.51	68.33
25.0-26.0	888.33	43.06	1232.25	2.47	70.80
26.0-27.0	845.55	42.42	1274.67	2.44	73.24
27.0-28.0	805.73	41.81	1316.48	2.40	75.64
28.0-29.0	767.50	41.16	1357.64	2.36	78.01
29.0-30.0	728.00	40.38	1398.02	2.32	80.33
30.0-31.0	686.19	39.35	1437.37	2.26	82.59
31.0-32.0	643.49	38.09	1475.47	2.19	84.78
32.0-33.0	594.82	36.48	1511.95	2.10	86.87
33.0-34.0	539.90	34.34	1546.29	1.97	88.85
34.0-35.0	474.21	31.49	1577.78	1.81	90.66
35.0-36.0	402.33	27.91	1605.69	1.60	92.26
36.0-37.0	324.02	23.69	1629.38	1.36	93.62
37.0-38.0	245.44	19.01	1648.39	1.09	94.71
38.0-39.0	176.65	14.41	1662.80	0.83	95.54
39.0-40.0	122.81	10.44	1673.24	0.60	96.14

## Zonal Luminous Flux Data

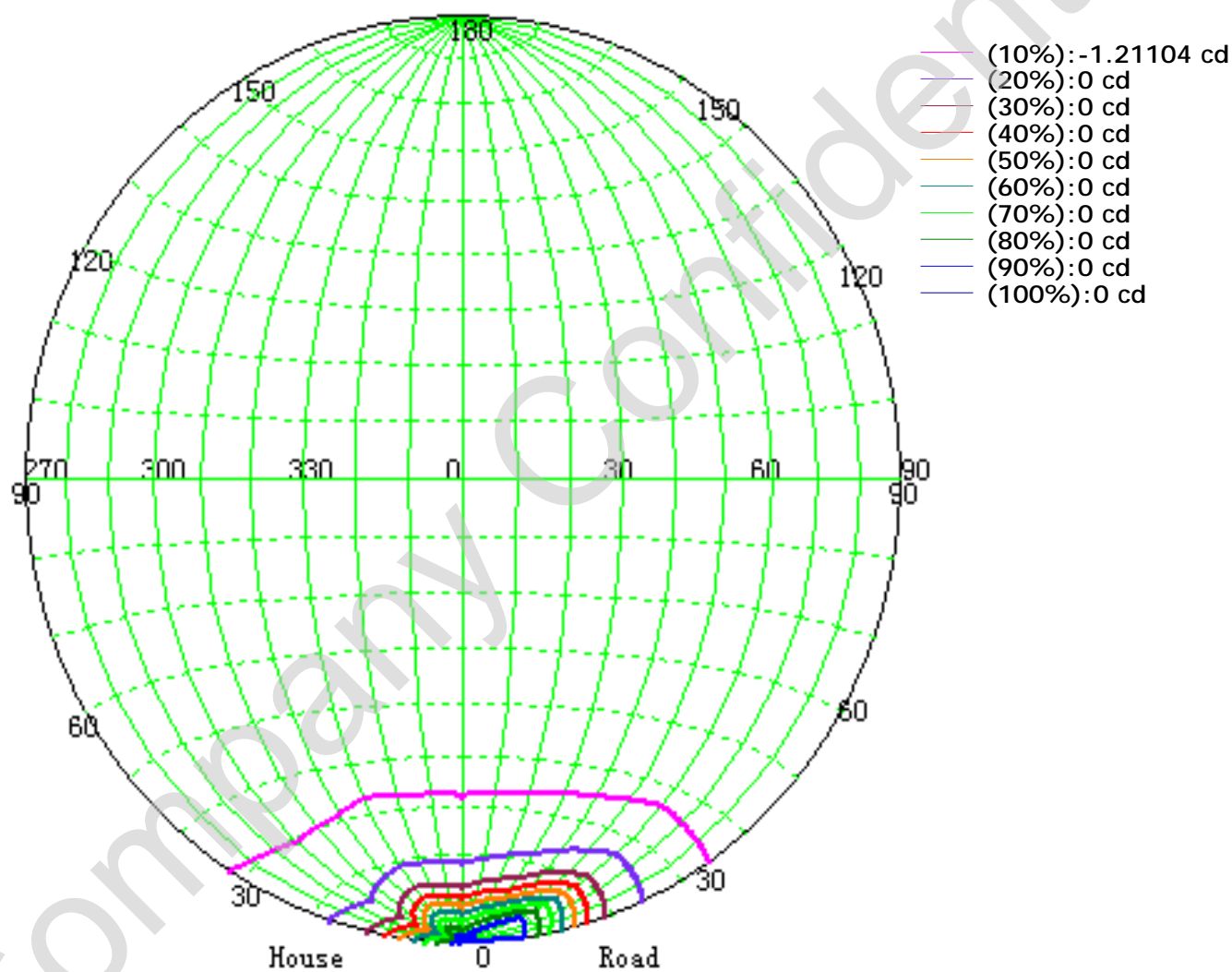
Gamma [°]	I <sub>mean</sub> [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	85.52	7.42	1680.66	0.43	96.57
41.0-42.0	63.77	5.42	1686.08	0.31	96.88
42.0-43.0	52.66	4.31	1690.39	0.25	97.13
43.0-44.0	44.53	3.67	1694.06	0.21	97.34
44.0-45.0	40.13	3.25	1697.32	0.19	97.52
45.0-46.0	37.73	3.04	1700.36	0.17	97.70
46.0-47.0	35.38	2.91	1703.27	0.17	97.87
47.0-48.0	33.56	2.79	1706.06	0.16	98.03
48.0-49.0	32.01	2.69	1708.75	0.15	98.18
49.0-50.0	30.58	2.61	1711.36	0.15	98.33
50.0-51.0	29.08	2.52	1713.88	0.15	98.48
51.0-52.0	27.56	2.43	1716.31	0.14	98.62
52.0-53.0	25.76	2.32	1718.63	0.13	98.75
53.0-54.0	24.15	2.20	1720.83	0.13	98.88
54.0-55.0	22.13	2.07	1722.90	0.12	98.99
55.0-56.0	20.33	1.92	1724.82	0.11	99.10
56.0-57.0	18.54	1.78	1726.59	0.10	99.21
57.0-58.0	16.44	1.62	1728.21	0.09	99.30
58.0-59.0	14.75	1.46	1729.67	0.08	99.38
59.0-60.0	13.08	1.31	1730.98	0.08	99.46
60.0-61.0	11.45	1.17	1732.15	0.07	99.53
61.0-62.0	10.12	1.04	1733.19	0.06	99.59
62.0-63.0	8.82	0.92	1734.11	0.05	99.64
63.0-64.0	7.93	0.82	1734.94	0.05	99.69
64.0-65.0	6.96	0.74	1735.67	0.04	99.73
65.0-66.0	6.16	0.66	1736.33	0.04	99.77
66.0-67.0	5.49	0.59	1736.91	0.03	99.80
67.0-68.0	4.89	0.53	1737.44	0.03	99.83
68.0-69.0	4.35	0.47	1737.91	0.03	99.86
69.0-70.0	3.88	0.42	1738.33	0.02	99.88
70.0-71.0	3.24	0.37	1738.70	0.02	99.90
71.0-72.0	2.85	0.32	1739.02	0.02	99.92
72.0-73.0	2.43	0.28	1739.29	0.02	99.94
73.0-74.0	2.07	0.24	1739.53	0.01	99.95
74.0-75.0	1.78	0.20	1739.73	0.01	99.96
75.0-76.0	1.47	0.17	1739.91	0.01	99.97
76.0-77.0	1.13	0.14	1740.05	0.01	99.98
77.0-78.0	0.97	0.11	1740.16	0.01	99.99
78.0-79.0	0.68	0.09	1740.25	0.01	99.99
79.0-80.0	0.44	0.06	1740.31	0.00	99.99
80.0-81.0	0.32	0.04	1740.35	0.00	100.00



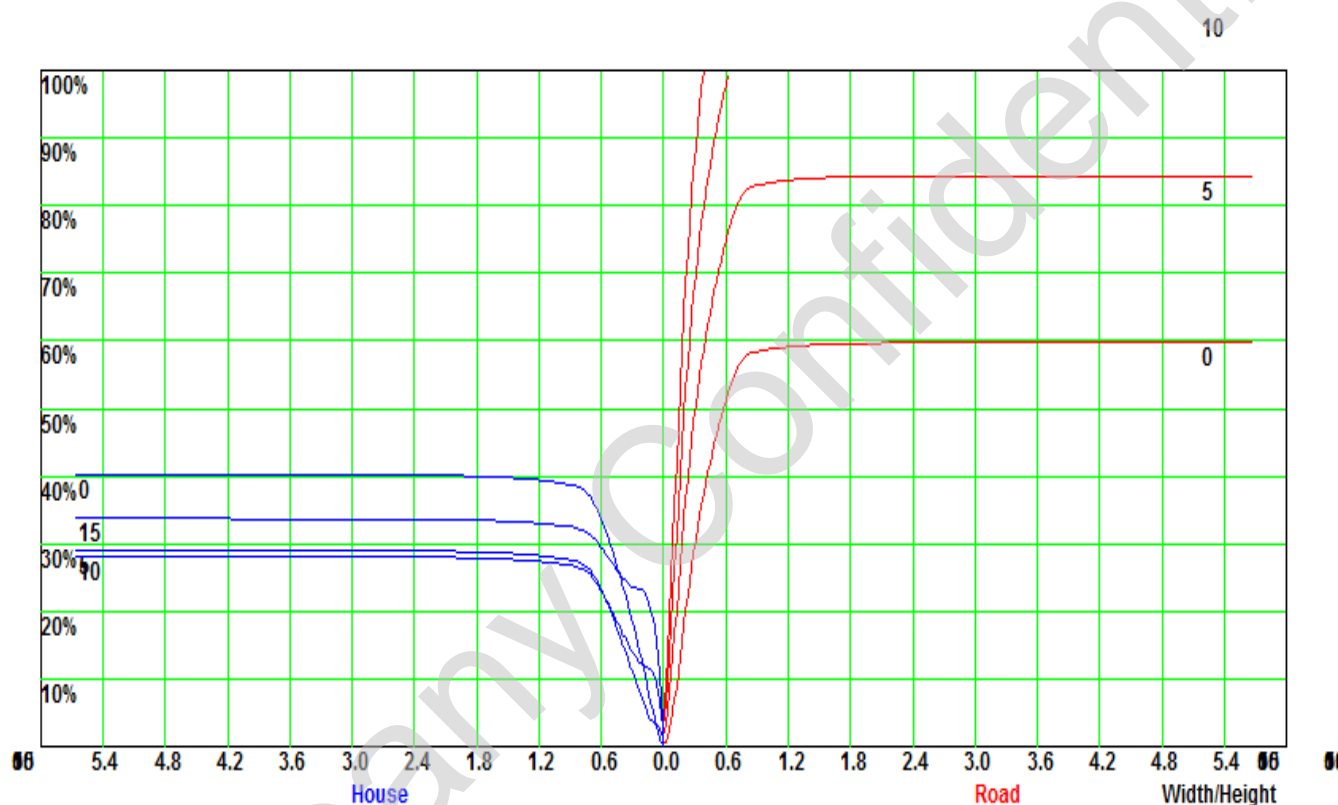




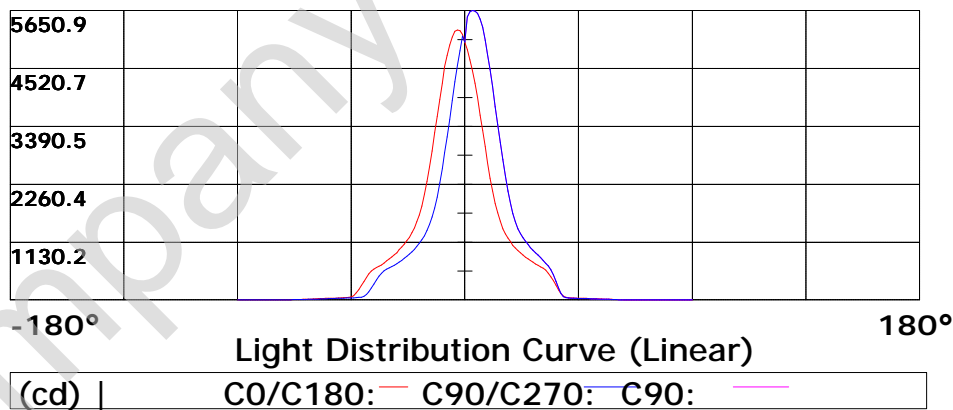
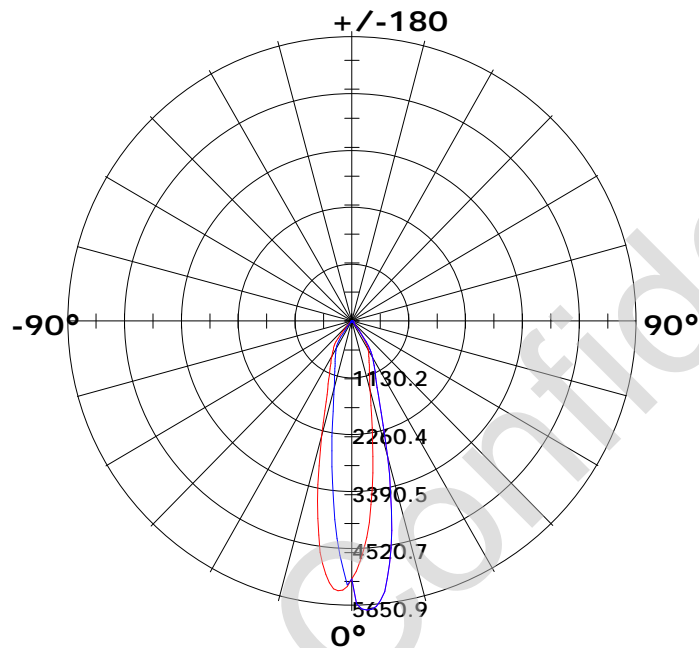
## Iso-Candela [cd]

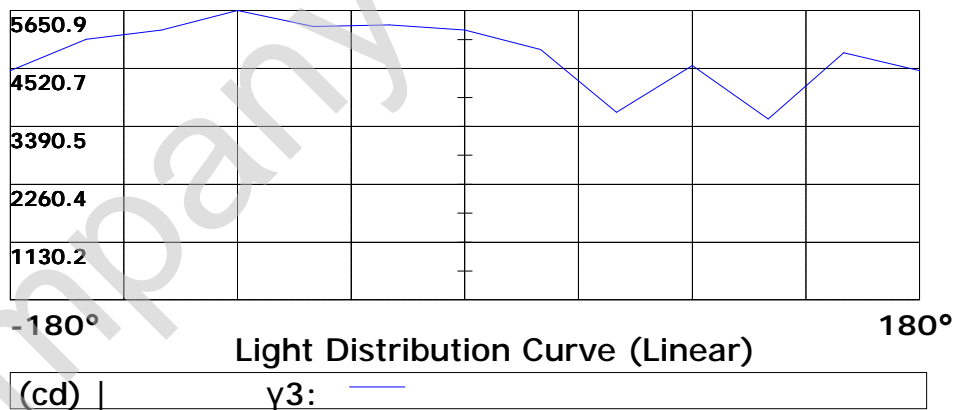
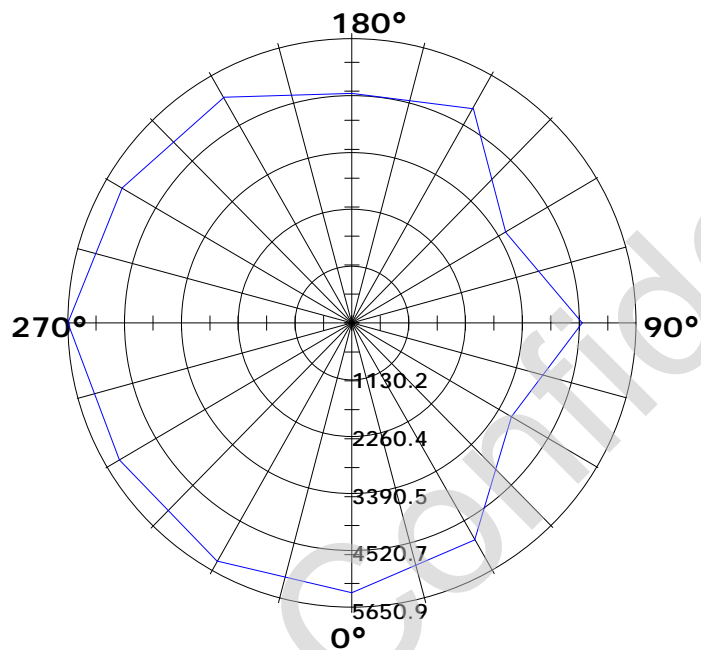


## Coefficient Utilization Curve

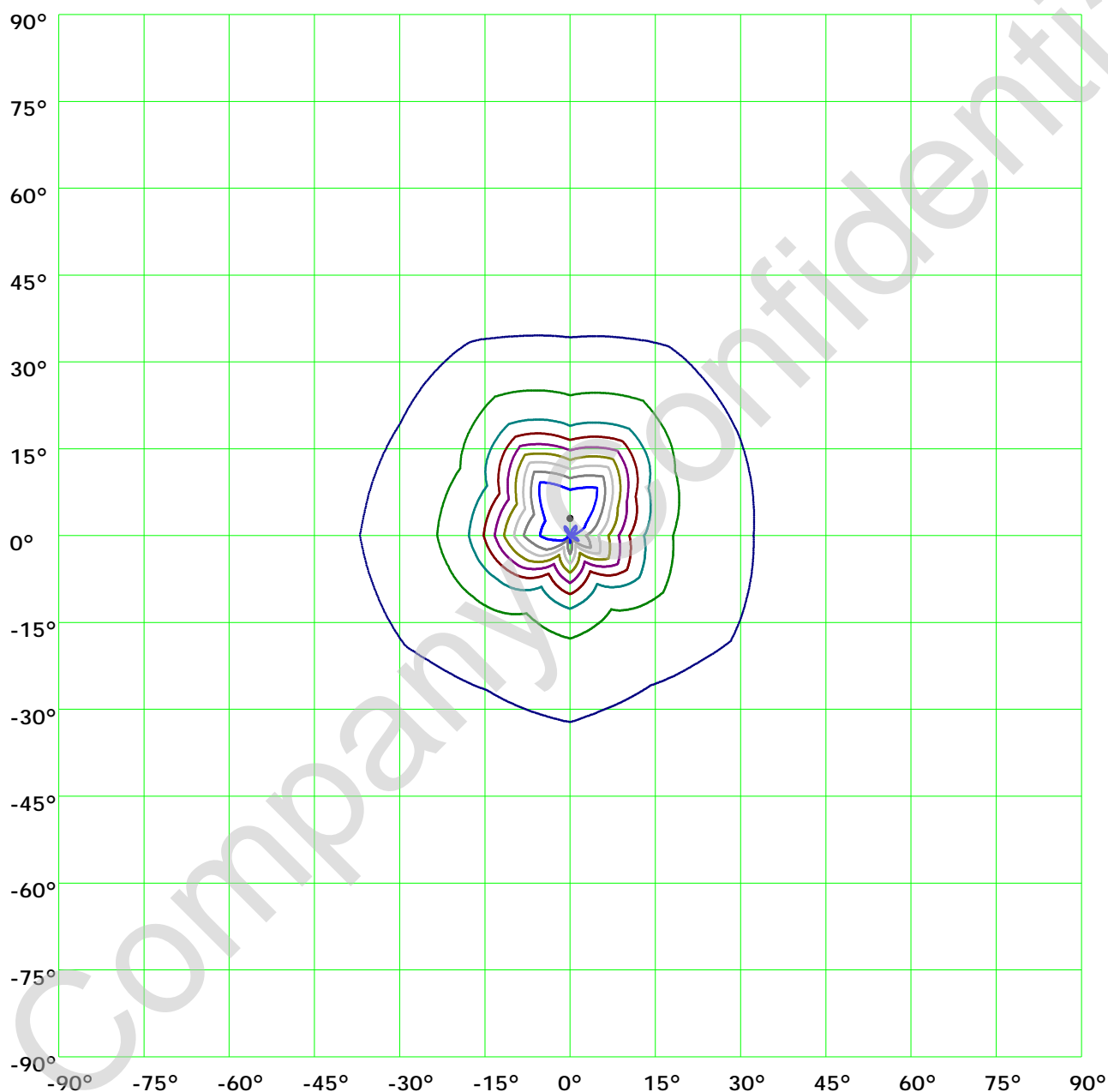


Light Distribution Curve [Unit: cd]



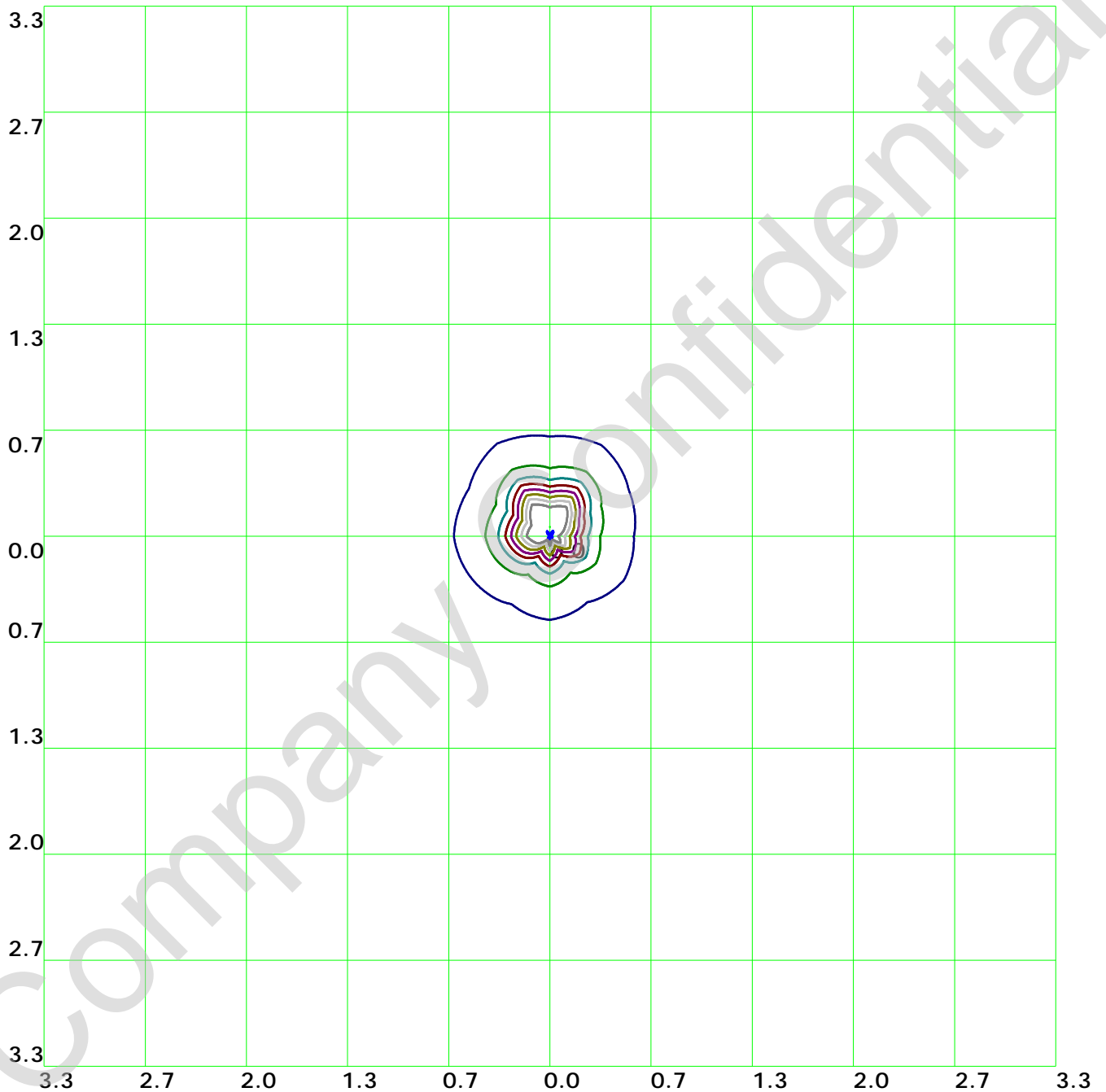


## Isocandela(rectangle)



(10%): 565.1cd	(20%): 1130.2cd	(30%): 1695.3cd	(40%): 2260.4cd
(50%): 2825.4cd	(60%): 3390.5cd	(70%): 3955.6cd	(80%): 4520.7cd
(90%): 5085.8cd	(100%): 5650.9cd		

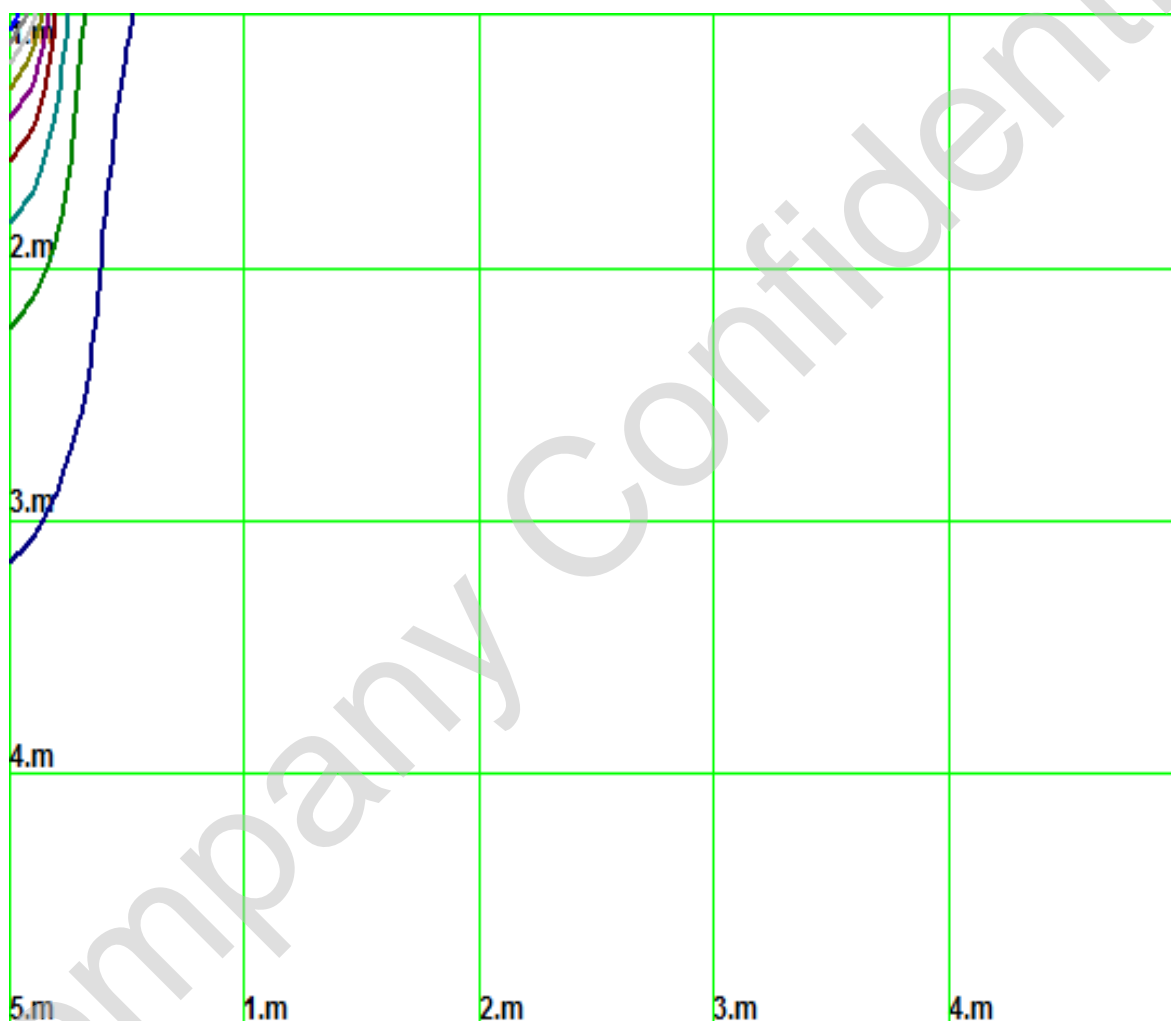
## Isolx curve



Height: 1 m

(10%): 565.1lx    (20%): 1130.2lx    (30%): 1695.3lx    (40%): 2260.4lx  
(50%): 2825.4lx    (60%): 3390.5lx    (70%): 3955.6lx    (80%): 4520.7lx  
(90%): 5085.8lx    (100%): 5645.2lx

## Space Isolx Curve



— (10%): 565.1lx	— (20%): 1130.2lx	— (30%): 1695.3lx	— (40%): 2260.4lx
— (50%): 2825.4lx	— (60%): 3390.5lx	— (70%): 3955.6lx	— (80%): 4520.7lx
— (90%): 5085.8lx	— (100%): 5645.2lx		



## Luminance Limiting Curve

Diameter: 0mm

Length: 0mm

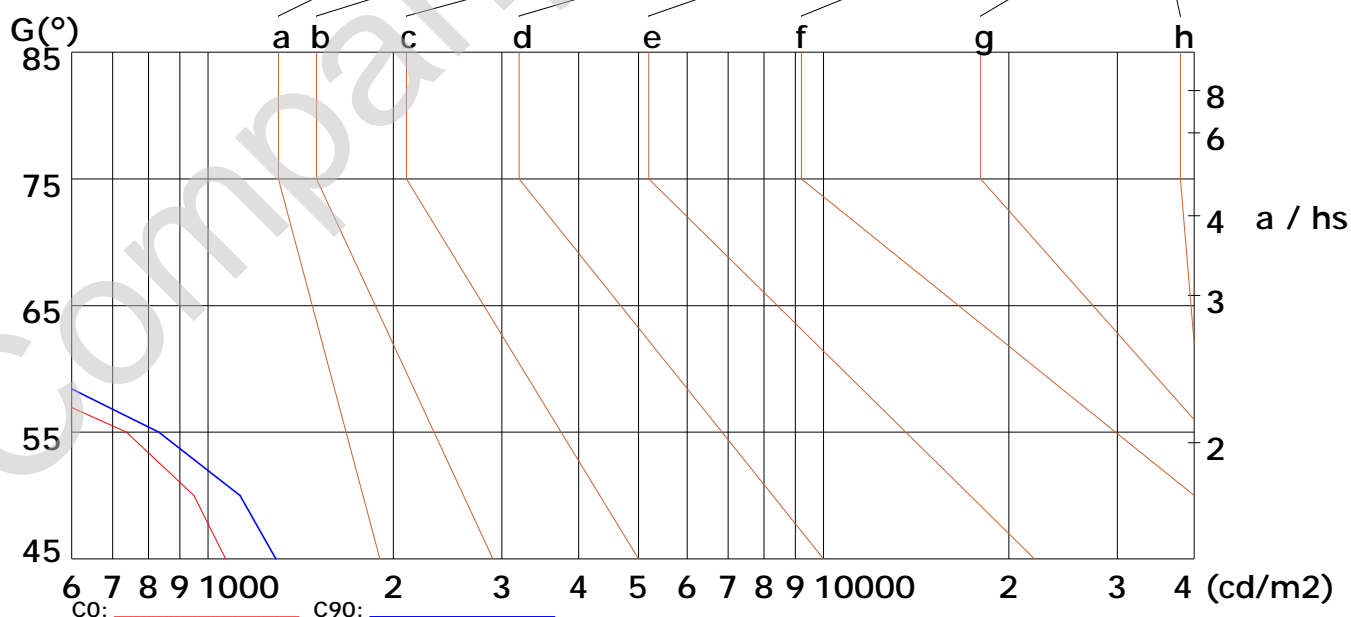
Width: 0mm

Height: 0mm

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

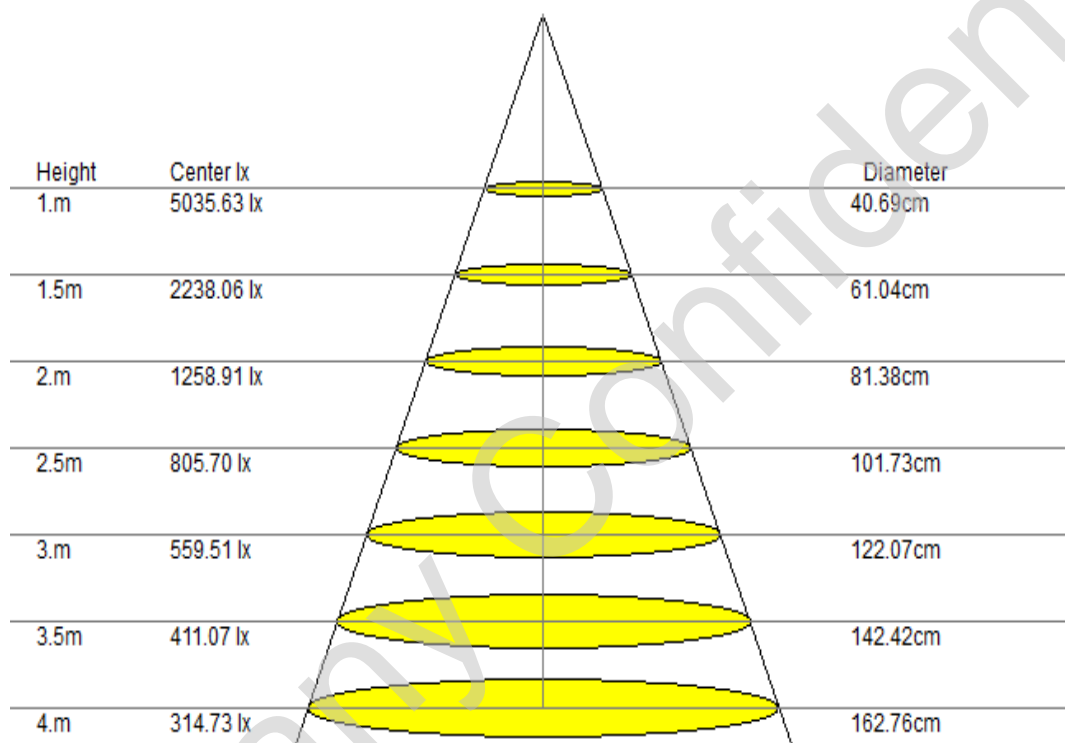
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	1067	949	736	387	143	0	0		
C90	1289	1127	831	495	271	194	70		

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

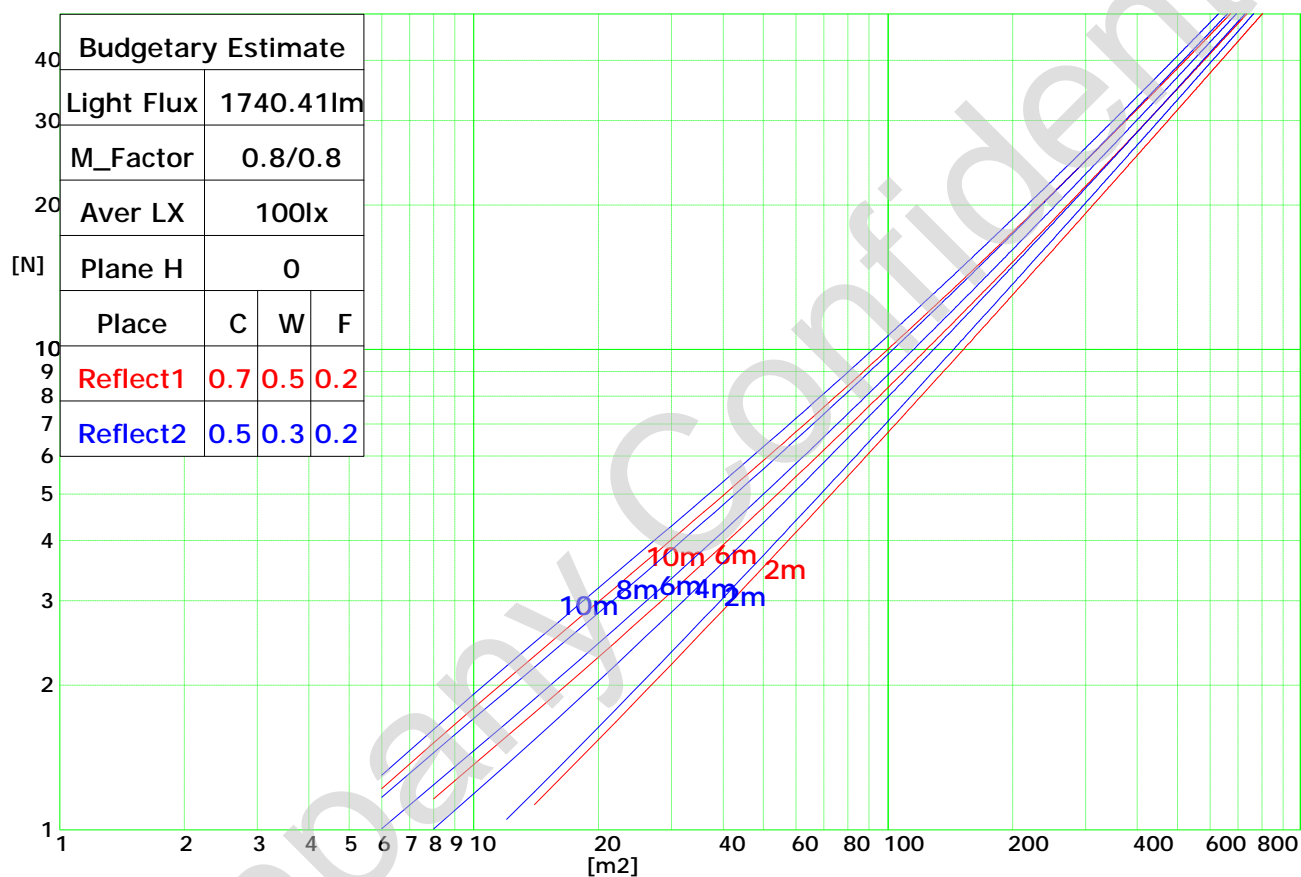


Beam Angle: 23.00°(50%Imax)

## 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	1.15	1.15	1.14	1.13	1.13	1.12	1.09	1.08	1.07	1.03	1.02	1.01	0.96	0.95	0.94	0.89
2	1.09	1.08	1.07	1.08	1.06	1.05	1.04	1.02	1.01	0.99	0.97	0.95	0.92	0.91	0.89	0.84
3	1.04	1.02	1.01	1.02	1.00	0.99	0.98	0.96	0.95	0.94	0.92	0.90	0.89	0.86	0.84	0.80
4	0.98	0.97	0.96	0.97	0.95	0.94	0.94	0.91	0.89	0.90	0.87	0.85	0.85	0.82	0.80	0.75
5	0.93	0.92	0.91	0.92	0.90	0.89	0.89	0.87	0.85	0.86	0.83	0.80	0.82	0.78	0.76	0.72
6	0.89	0.87	0.87	0.88	0.86	0.85	0.85	0.82	0.81	0.82	0.79	0.76	0.79	0.75	0.72	0.68
7	0.85	0.83	0.83	0.84	0.82	0.81	0.81	0.79	0.77	0.79	0.75	0.73	0.76	0.72	0.68	0.65
8	0.81	0.80	0.79	0.80	0.78	0.77	0.78	0.75	0.73	0.75	0.72	0.69	0.73	0.69	0.65	0.62
9	0.77	0.76	0.75	0.77	0.75	0.74	0.75	0.72	0.70	0.72	0.69	0.66	0.70	0.66	0.63	0.59
10	0.74	0.73	0.72	0.73	0.72	0.71	0.72	0.69	0.67	0.70	0.66	0.64	0.67	0.63	0.60	0.57

## 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	10.7	11.5	10.9	11.5	12.0	10.5	11.5	10.8	11.6	11.9
	3H	11.9	12.6	12.2	12.8	13.0	11.6	12.6	11.9	12.9	13.1
	4H	12.3	13.2	12.6	13.4	13.5	12.3	13.1	12.5	13.5	13.6
	6H	12.7	13.5	13.0	13.6	13.9	12.7	13.4	12.9	13.7	13.7
	8H	13.0	13.8	13.1	13.7	14.1	12.8	13.6	13.0	13.7	14.0
	12H	13.0	13.7	13.1	14.0	14.2	12.8	13.5	13.1	13.9	14.2
4H	2H	11.5	12.1	11.6	12.1	12.4	11.4	12.1	11.4	12.2	12.3
	3H	12.7	13.3	12.9	13.4	13.5	12.5	13.1	12.8	13.3	13.7
	4H	13.3	13.8	13.5	13.8	14.1	13.0	13.6	13.3	13.9	14.1
	6H	13.7	14.2	13.9	14.4	14.5	13.5	14.0	13.8	14.2	14.6
	8H	13.8	14.4	14.1	14.5	14.8	13.7	14.3	14.0	14.4	14.8
	12H	14.0	14.5	14.2	14.5	14.8	13.8	14.4	14.1	14.7	14.8
8H	4H	13.5	13.8	13.8	14.0	14.3	13.3	13.8	13.5	14.1	14.5
	6H	14.1	14.3	14.4	14.7	14.8	14.0	14.3	14.3	14.7	14.9
	8H	14.4	14.6	14.7	14.9	15.2	14.2	14.5	14.5	14.8	15.2
	12H	14.4	14.8	14.9	15.0	15.3	14.5	14.6	14.7	14.9	15.3
12H	4H	13.5	13.9	13.8	14.0	14.3	13.4	13.8	13.6	14.2	14.4
	6H	14.1	14.6	14.5	14.6	15.0	14.0	14.3	14.4	14.6	14.9
	8H	14.5	14.7	14.7	15.0	15.3	14.4	14.6	14.6	15.0	15.2