

Luminaire Property

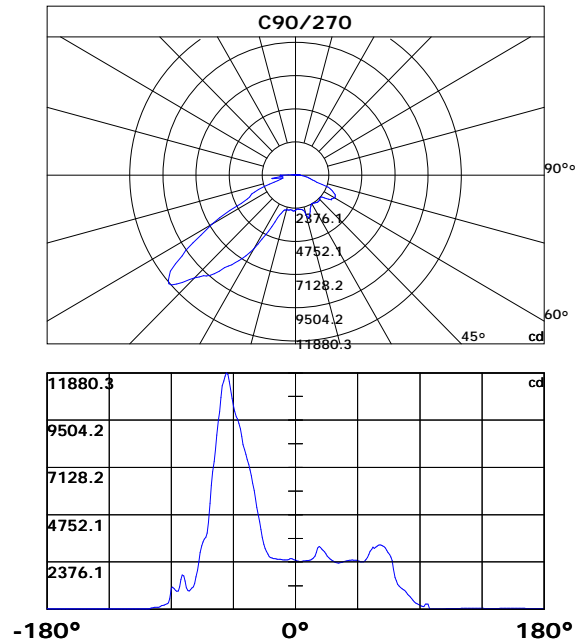
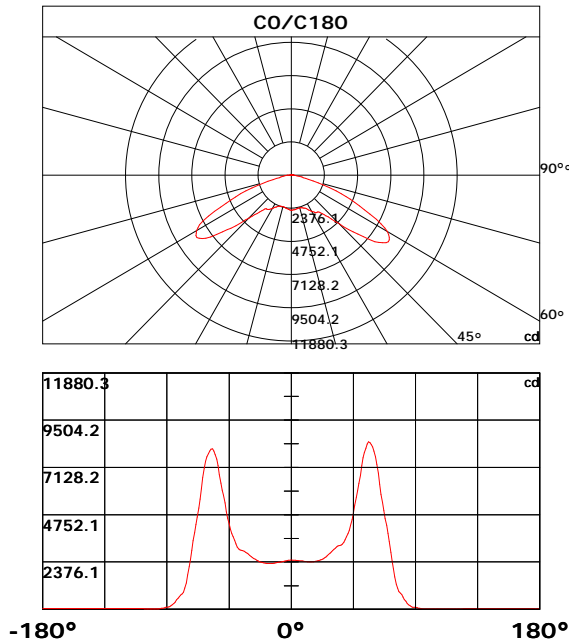
Luminaire Description: LED GEVEL schijnwerper 150W
 Luminaire Categorie: LED WALL LIGHT
 Lamp Categorie:
 Lamp Description: LED GEVEL schijnwerper 150W
 Number of Lamp: 1
 Lamp Lumens(lm): 22578.17
 Luminous Length(m): 0.345
 Luminous Width(m): 0.163
 Luminous Height(m): 0.172

Voltage: 220.2 V
 Current: 0.682 A
 Power: 150.2 W
 Power Factor: 0.975
 Test Lab: HuiPu-lab
 Photometric Type: Type C
 Manufactory:

Photometric Results

CIE Class: Direct
 Luminaire Lumens: 22578.17 lm
 Efficiency: 150.3207 lm/W
 Central Intensity: 2482.998cd
 Max. Intensity: 11880.264cd
 Field Angle(10%Imax): NA

Max.Intensity Angle: C:270.0 G:50.0
 Beam Angle(50%Imax): L: -11.3 R:61.3
 Luminaire Efficacy Rating(LER) : 100.00%
 Upward Ratio: NA
 Downward Ratio: NA
 Beamwidth(50%Imax): C0/180=142.67 C90/270=107.87



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	2483.0	2474.3	2474.7	2461.9	2454.2	2448.2	2441.5	2428.6	2432.3	2414.6
C30.0	2483.0	2480.4	2479.5	2458.9	2419.3	2398.8	2374.9	2366.2	2347.0	2336.2
C60.0	2483.0	2497.8	2438.8	2420.9	2408.8	2392.1	2405.5	2391.1	2408.5	2413.6
C90.0	2483.0	2437.0	2410.5	2397.9	2400.2	2412.3	2423.3	2435.3	2445.3	2450.8
C120.0	2483.0	2460.3	2425.4	2411.2	2403.2	2422.3	2414.9	2424.3	2431.0	2434.4
C150.0	2483.0	2443.8	2438.4	2403.2	2386.7	2374.9	2364.9	2366.5	2353.4	2350.1
C180.0	2483.0	2466.9	2459.2	2448.2	2429.4	2418.3	2401.4	2384.7	2372.9	2364.9
C210.0	2483.0	2494.3	2514.7	2537.9	2523.4	2519.7	2511.7	2480.1	2447.5	2424.0
C240.0	2483.0	2498.9	2554.7	2557.0	2541.3	2493.5	2481.4	2465.6	2460.3	2453.6
C270.0	2483.0	2483.9	2522.8	2540.0	2544.1	2501.3	2486.6	2478.8	2478.0	2484.4
C300.0	2483.0	2492.8	2501.5	2545.6	2551.6	2533.2	2491.2	2473.7	2465.3	2453.2
C330.0	2483.0	2489.1	2500.6	2482.4	2487.8	2503.3	2516.0	2521.8	2523.4	2481.4
C360.0	2483.0	2474.3	2474.7	2461.9	2454.2	2448.2	2441.5	2428.6	2432.3	2414.6
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	2407.5	2399.5	2392.1	2391.4	2392.1	2387.7	2392.4	2399.8	2420.3	2438.1
C30.0	2327.9	2332.2	2326.6	2324.8	2325.6	2325.9	2327.2	2334.0	2345.1	2361.2
C60.0	2412.5	2401.8	2412.2	2426.0	2445.5	2472.4	2548.3	2627.2	2775.1	2925.0
C90.0	2463.1	2488.6	2528.0	2577.4	2672.3	2849.1	3067.7	3162.2	3106.2	3023.6
C120.0	2424.0	2436.8	2457.9	2479.1	2511.3	2571.5	2697.4	2894.1	3033.2	3045.2
C150.0	2348.8	2348.8	2335.3	2337.3	2324.8	2326.2	2322.5	2335.9	2355.7	2377.3
C180.0	2345.4	2334.3	2322.2	2312.1	2306.8	2300.3	2303.4	2306.8	2312.4	2324.8
C210.0	2403.2	2386.0	2368.2	2352.5	2342.7	2336.2	2332.5	2327.9	2333.6	2338.0
C240.0	2448.9	2450.8	2462.6	2460.6	2458.9	2457.9	2454.2	2454.9	2466.3	2458.2
C270.0	2496.3	2503.9	2514.1	2521.2	2530.5	2540.7	2555.5	2574.9	2599.8	2648.5
C300.0	2458.9	2456.6	2473.4	2471.4	2464.0	2461.6	2464.7	2465.3	2476.7	2483.5
C330.0	2444.9	2432.3	2403.8	2406.2	2378.3	2369.2	2377.3	2368.2	2374.9	2396.1
C360.0	2407.5	2399.5	2392.1	2391.4	2392.1	2387.7	2392.4	2399.8	2420.3	2438.1
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	2455.5	2481.4	2502.3	2530.8	2574.1	2629.0	2689.4	2758.3	2822.8	2887.3
C30.0	2389.0	2405.5	2439.1	2483.8	2558.4	2657.8	2781.4	2903.4	3023.0	3065.7
C60.0	3029.1	2992.8	2912.1	2829.5	2784.5	2747.2	2668.9	2557.0	2484.1	2440.1
C90.0	2965.8	2889.6	2783.8	2674.0	2589.7	2527.6	2476.1	2425.0	2376.3	2352.6
C120.0	2967.0	2894.1	2846.6	2783.8	2690.8	2591.3	2504.6	2439.7	2378.6	2329.6
C150.0	2407.9	2474.0	2566.1	2687.1	2790.6	2857.7	2843.3	2798.0	2786.9	2810.7
C180.0	2335.3	2349.4	2366.8	2391.7	2431.0	2468.7	2514.1	2550.3	2593.9	2650.1
C210.0	2347.7	2356.2	2366.8	2388.0	2409.5	2429.7	2443.8	2468.0	2486.1	2496.5
C240.0	2465.0	2485.1	2498.6	2581.2	2669.2	2770.3	2877.2	3024.8	3306.0	3594.9
C270.0	2770.6	2913.8	3060.1	3270.5	3617.4	4011.6	4387.9	4715.8	5122.4	5549.4
C300.0	2484.8	2499.3	2532.1	2610.2	2705.9	2805.4	2930.3	3129.9	3410.8	3710.8
C330.0	2415.6	2424.3	2452.6	2487.8	2500.9	2508.9	2528.4	2559.0	2585.9	2601.8
C360.0	2455.5	2481.4	2502.3	2530.8	2574.1	2629.0	2689.4	2758.3	2822.8	2887.3

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	2949.5	3014.0	3074.8	3140.3	3188.0	3211.5	3225.3	3269.6	3362.1	3499.1
C30.0	3073.7	3075.5	3089.6	3126.5	3182.7	3233.4	3243.2	3210.2	3151.4	3064.1
C60.0	2383.4	2346.0	2327.5	2310.5	2279.9	2262.7	2269.1	2286.5	2287.9	2325.6
C90.0	2332.3	2327.1	2337.6	2350.9	2369.8	2401.2	2416.7	2429.7	2446.3	2464.0
C120.0	2286.5	2252.3	2230.5	2201.2	2191.5	2182.4	2184.4	2189.8	2205.9	2219.4
C150.0	2828.6	2826.8	2812.7	2818.8	2842.0	2867.5	2863.8	2862.4	2790.3	2708.9
C180.0	2713.6	2769.7	2823.5	2874.2	2923.9	2956.9	2969.3	2976.7	3023.7	3123.8
C210.0	2516.0	2532.9	2549.0	2578.2	2584.6	2600.4	2604.4	2603.4	2598.4	2603.7
C240.0	3839.5	4078.4	4357.7	4643.2	4967.8	5332.0	5715.7	6043.0	6367.9	6732.8
C270.0	5977.8	6339.7	6712.0	6992.8	7270.3	7529.5	7789.9	8012.6	8276.0	8692.4
C300.0	3973.6	4277.3	4570.0	4891.9	5276.9	5681.4	6012.8	6359.2	6686.1	7056.0
C330.0	2644.1	2661.8	2669.6	2684.7	2693.1	2721.4	2766.3	2780.5	2785.8	2798.6
C360.0	2949.5	3014.0	3074.8	3140.3	3188.0	3211.5	3225.3	3269.6	3362.1	3499.1
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	3641.6	3796.2	3953.8	4222.9	4512.5	4835.7	5223.5	5625.4	5956.3	6321.2
C30.0	2999.5	2952.8	2925.3	2923.9	2971.7	3062.8	3150.4	3243.2	3312.4	3392.6
C60.0	2354.1	2377.6	2424.0	2442.1	2469.3	2468.7	2478.7	2466.3	2460.3	2415.3
C90.0	2472.4	2477.1	2473.9	2473.3	2462.2	2444.2	2419.4	2392.3	2384.6	2385.4
C120.0	2234.8	2262.0	2273.5	2301.0	2339.9	2366.2	2385.0	2380.3	2364.2	2322.5
C150.0	2616.8	2524.4	2476.4	2420.9	2405.8	2397.1	2382.3	2410.2	2422.0	2454.9
C180.0	3280.4	3457.8	3650.0	3806.6	4004.2	4288.1	4572.7	4892.9	5344.2	5720.8
C210.0	2634.3	2688.4	2758.9	2867.9	2982.4	3091.6	3206.2	3376.2	3596.6	3900.7
C240.0	7032.8	7301.3	7537.5	7820.3	8029.4	8319.6	8600.6	8982.3	9265.5	9531.3
C270.0	9059.5	9343.8	9556.9	9673.4	9954.3	10241.9	10583.6	11065.1	11457.6	11787.1
C300.0	7365.8	7650.0	7943.3	8162.1	8466.9	8800.5	9216.8	9530.6	9797.0	10092.1
C330.0	2820.1	2856.4	2946.1	3060.0	3172.2	3314.7	3461.5	3628.9	3846.3	4116.4
C360.0	3641.6	3796.2	3953.8	4222.9	4512.5	4835.7	5223.5	5625.4	5956.3	6321.2
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	6733.4	7214.0	7615.4	7867.1	8094.3	8309.3	8409.1	8368.4	8277.7	8152.4
C30.0	3555.6	3783.7	4113.4	4498.4	4834.7	5173.1	5624.7	6232.8	6904.8	7425.3
C60.0	2377.3	2348.8	2331.2	2306.1	2294.7	2295.7	2264.1	2244.5	2207.3	2149.8
C90.0	2413.9	2496.7	2612.7	2748.7	2906.3	3017.9	3124.0	3062.5	3126.1	3177.1
C120.0	2269.4	2217.0	2168.3	2138.4	2123.3	2108.1	2089.0	2048.0	1999.3	1917.3
C150.0	2544.3	2664.9	2821.2	2932.7	3031.1	3121.5	3321.1	3659.1	4127.5	4528.6
C180.0	5981.2	6344.4	6764.8	7229.4	7548.3	7772.0	7955.5	8056.9	8044.5	7946.0
C210.0	4225.2	4520.9	4759.4	5026.9	5342.1	5790.3	6235.2	6459.6	6590.0	6884.7
C240.0	9778.9	9754.7	9792.7	9929.5	9965.7	10082.7	10134.7	9925.1	9525.2	8963.4
C270.0	11880.3	11715.9	11468.7	11225.4	10638.0	9924.0	9485.6	8757.1	8030.7	7436.7
C300.0	10150.2	10139.7	10290.0	10359.9	10510.7	10565.8	10246.6	9869.6	9387.9	8686.9
C330.0	4453.8	4786.6	5067.3	5364.6	5627.0	5944.2	6298.7	6434.5	6576.9	6839.0
C360.0	6733.4	7214.0	7615.4	7867.1	8094.3	8309.3	8409.1	8368.4	8277.7	8152.4

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	7956.5	7662.4	7288.8	6840.3	6270.8	5784.6	5351.6	4951.6	4563.9	4214.9
C30.0	7848.3	8171.5	8424.2	8491.0	8404.7	8224.3	7910.1	7507.6	7039.2	6504.0
C60.0	2084.6	1959.0	1860.5	1807.8	1747.6	1678.1	1586.7	1551.7	1544.3	1582.6
C90.0	3223.1	3236.9	3221.1	3196.6	3148.7	3074.0	2963.3	2855.1	2744.7	2620.0
C120.0	1792.0	1783.2	1804.7	1848.4	1882.0	1899.9	1923.7	1961.7	1983.9	2001.6
C150.0	4841.8	5272.9	5891.4	6457.6	6739.5	6891.7	6996.9	7063.7	7051.0	6979.0
C180.0	7825.1	7664.8	7437.1	7090.2	6604.8	6061.1	5544.1	5080.4	4638.9	4267.2
C210.0	7237.5	7461.9	7508.9	7511.0	7491.2	7388.3	7263.3	7175.7	7071.1	6894.4
C240.0	8049.5	7200.5	6478.1	5665.3	5097.4	4511.9	3604.4	2932.7	2627.0	2503.9
C270.0	6904.8	6224.4	5329.4	4366.7	3838.9	3625.2	3527.8	3382.6	3179.6	2852.1
C300.0	7948.8	7247.2	6316.2	5729.5	5226.8	4448.3	3694.4	3160.8	2929.4	2806.4
C330.0	7209.2	7437.7	7561.0	7701.1	7822.1	7802.6	7770.7	7759.9	7676.3	7540.9
C360.0	7956.5	7662.4	7288.8	6840.3	6270.8	5784.6	5351.6	4951.6	4563.9	4214.9
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	3819.0	3397.3	2871.1	2420.7	2023.0	1626.7	1265.8	1057.0	882.2	802.4
C30.0	5894.8	5367.3	4903.6	4504.5	4086.8	3649.6	3213.4	2817.0	2345.9	2080.8
C60.0	1649.9	1755.0	1853.2	1874.3	1688.5	1510.0	1386.8	1327.7	1288.7	1235.3
C90.0	2447.5	2014.2	1600.5	1430.9	1267.5	1167.1	1107.9	1039.6	991.4	952.2
C120.0	2017.1	2066.8	2076.3	1901.8	1672.7	1493.9	1423.1	1377.4	1331.4	1237.2
C150.0	6882.0	6847.7	6794.9	6647.4	6319.2	5769.1	5239.6	4707.1	4055.2	3252.8
C180.0	3862.7	3445.7	2963.0	2519.1	2151.5	1726.5	1326.6	1064.8	867.0	782.9
C210.0	6539.9	6043.4	5463.1	4849.2	4269.3	3925.5	3647.0	3389.3	2828.9	2591.0
C240.0	2463.2	2354.4	2087.5	1687.9	1316.3	995.2	835.7	800.9	779.4	736.1
C270.0	2377.9	1963.3	1629.6	1314.8	1135.5	1066.3	994.0	918.9	943.6	1083.9
C300.0	2718.4	2567.2	2206.9	1751.1	1366.8	1069.5	946.4	923.6	883.2	821.4
C330.0	7375.6	7165.9	6874.9	6743.2	6876.0	6630.7	5927.8	5235.2	4429.5	3614.7
C360.0	3819.0	3397.3	2871.1	2420.7	2023.0	1626.7	1265.8	1057.0	882.2	802.4
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	734.9	618.7	489.6	402.7	301.8	235.1	184.9	137.7	105.0	99.1
C30.0	1932.9	1841.5	1727.7	1576.2	1426.9	1273.0	933.0	658.5	496.0	375.9
C60.0	1167.4	1080.6	991.6	881.2	828.2	862.5	902.3	912.8	901.1	892.5
C90.0	847.5	761.4	692.2	611.6	531.0	449.7	374.2	318.0	274.6	238.9
C120.0	1142.5	1043.4	926.2	858.2	747.1	656.3	580.3	509.7	446.7	372.1
C150.0	2717.6	2257.9	1780.2	1355.3	1088.6	836.0	590.7	406.6	291.6	251.2
C180.0	720.1	633.1	553.4	468.6	359.1	289.1	235.2	171.4	127.8	115.7
C210.0	2341.4	1907.6	1330.7	870.7	615.2	479.3	365.7	307.6	283.6	257.8
C240.0	690.2	652.2	603.5	560.8	550.8	605.2	637.4	851.8	916.3	980.9
C270.0	1420.8	1683.8	1730.6	1493.0	1133.5	925.2	894.9	959.6	1035.6	1111.6
C300.0	754.0	684.7	643.3	665.6	848.4	950.6	1082.4	1184.3	1131.0	931.5
C330.0	2745.2	1996.3	1420.4	1028.9	841.4	707.7	599.9	466.6	376.2	339.9
C360.0	734.9	618.7	489.6	402.7	301.8	235.1	184.9	137.7	105.0	99.1

Light intensity data Unit[cd]

C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	91.7	78.4	63.3	49.1	35.0	20.6	18.0	15.3	16.8	17.5
C30.0	282.6	206.5	105.9	61.9	34.8	23.1	19.9	18.9	19.7	20.4
C60.0	747.2	520.9	345.8	187.2	93.0	56.6	24.7	20.6	21.3	22.1
C90.0	198.3	169.2	151.4	142.9	264.6	266.0	267.5	25.2	21.2	17.1
C120.0	247.9	189.8	146.0	105.0	75.6	54.3	28.5	25.0	21.4	22.4
C150.0	219.1	174.6	104.1	42.0	27.3	21.0	18.5	19.3	19.6	20.1
C180.0	109.0	93.0	76.3	62.5	46.9	32.0	26.8	21.5	22.1	23.1
C210.0	255.5	210.4	151.7	119.3	74.1	52.6	37.0	18.3	18.2	18.3
C240.0	878.8	741.9	751.9	884.5	777.1	669.6	287.6	184.3	164.2	132.8
C270.0	1054.1	535.0	328.4	281.2	247.5	220.4	203.9	173.7	137.6	107.3
C300.0	810.0	804.1	864.4	924.8	875.8	398.5	225.5	188.4	178.3	152.4
C330.0	276.4	229.6	193.8	143.8	107.1	82.6	68.5	51.5	18.4	17.8
C360.0	91.7	78.4	63.3	49.1	35.0	20.6	18.0	15.3	16.8	17.5
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	19.2	20.0	20.6	21.7	22.5	23.3	23.8	24.6	25.1	25.4
C30.0	20.9	21.7	22.2	22.6	23.2	23.7	24.6	25.0	25.4	25.9
C60.0	23.0	23.7	24.9	25.8	27.0	27.8	28.8	29.6	31.1	31.9
C90.0	18.5	19.3	20.6	22.1	23.3	24.9	26.4	27.8	29.1	30.9
C120.0	23.7	24.5	25.9	27.1	28.2	29.1	30.7	31.8	32.4	33.6
C150.0	21.2	21.3	22.2	23.3	23.3	23.9	24.9	25.5	26.1	27.1
C180.0	24.2	25.5	26.2	27.0	27.8	28.6	29.2	30.0	30.7	31.6
C210.0	18.5	18.8	19.4	19.3	19.4	19.7	19.8	20.2	20.2	20.6
C240.0	115.9	85.9	47.4	29.7	21.1	16.8	15.0	13.1	13.5	13.8
C270.0	95.4	95.2	91.4	85.1	64.5	43.9	11.3	11.2	11.0	11.1
C300.0	131.8	96.2	77.8	43.2	12.3	12.3	12.8	13.2	13.8	13.8
C330.0	18.0	18.1	18.0	18.2	18.5	18.7	19.2	18.6	19.2	19.2
C360.0	19.2	20.0	20.6	21.7	22.5	23.3	23.8	24.6	25.1	25.4
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	26.1	26.7	26.9	27.4	27.4	28.1	28.3	28.3	28.6	29.5
C30.0	26.8	27.2	27.6	28.4	28.8	30.3	30.3	30.9	31.6	32.2
C60.0	33.0	34.0	34.7	36.1	36.2	36.9	37.7	38.3	38.7	39.3
C90.0	32.2	34.3	35.2	37.0	38.0	39.4	40.5	41.7	42.3	43.2
C120.0	34.8	36.0	37.4	38.0	39.4	39.7	40.5	40.9	42.0	42.6
C150.0	27.4	28.4	29.2	29.6	30.4	31.3	32.2	32.6	33.3	34.6
C180.0	31.8	32.0	32.4	33.1	33.3	33.5	33.7	34.0	34.3	34.4
C210.0	20.6	20.8	21.1	21.3	21.9	22.0	22.2	22.9	22.9	23.2
C240.0	14.3	14.8	15.2	15.6	15.9	16.4	16.8	17.3	17.7	18.2
C270.0	11.3	12.0	11.6	12.0	11.9	12.4	12.3	12.4	12.6	12.6
C300.0	14.3	14.4	14.8	15.2	15.7	15.8	16.4	16.5	17.0	17.3
C330.0	19.4	19.6	20.0	20.2	20.6	21.2	21.4	21.9	22.0	22.4
C360.0	26.1	26.7	26.9	27.4	27.4	28.1	28.3	28.3	28.6	29.5

Light intensity data Unit[cd]

C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	29.2	29.2	29.6	29.6	29.8	30.3	30.1	30.0	30.8	30.4
C30.0	32.8	33.8	34.3	35.0	35.3	36.1	37.0	36.9	37.2	38.0
C60.0	39.7	40.0	40.5	40.6	40.7	40.8	41.0	41.0	41.1	41.1
C90.0	44.3	44.7	44.8	45.4	45.8	45.9	45.7	45.8	45.8	45.5
C120.0	42.8	43.2	43.9	44.1	44.5	44.7	44.7	45.1	44.8	44.6
C150.0	34.5	35.3	35.7	36.2	36.6	37.4	37.4	38.0	38.6	39.2
C180.0	34.5	34.6	35.3	34.8	34.9	35.6	35.2	35.4	34.9	35.9
C210.0	23.6	23.8	24.2	24.8	25.0	25.8	25.8	26.1	26.8	27.2
C240.0	18.8	19.4	19.9	20.4	20.9	21.3	22.2	22.3	22.7	23.3
C270.0	13.1	13.5	13.4	13.3	14.1	13.9	14.5	14.4	14.8	15.2
C300.0	17.5	18.0	18.7	18.4	18.9	19.4	19.7	20.1	20.6	20.9
C330.0	22.5	23.1	23.2	23.6	23.8	24.2	24.4	24.7	25.2	25.4
C360.0	29.2	29.2	29.6	29.6	29.8	30.3	30.1	30.0	30.8	30.4
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	31.2	30.7	30.9	31.1	31.6	32.2	32.0	32.3	32.8	33.3
C30.0	38.6	39.3	39.2	39.8	40.6	41.0	41.6	42.2	42.9	43.4
C60.0	41.8	41.7	42.0	42.2	42.6	43.0	43.1	43.2	43.5	43.7
C90.0	45.4	45.6	44.5	44.4	44.4	43.6	43.4	43.1	42.6	42.4
C120.0	45.2	44.9	45.1	44.5	44.6	44.6	44.5	44.2	44.0	43.7
C150.0	39.6	40.3	41.4	41.5	42.0	43.2	43.6	44.2	44.5	45.3
C180.0	35.4	35.4	35.8	36.1	35.8	36.1	36.1	37.0	36.8	37.0
C210.0	27.5	28.2	28.6	29.2	29.7	30.1	30.7	31.1	31.7	32.1
C240.0	23.6	23.9	24.5	24.7	25.1	26.2	25.8	26.6	26.3	26.4
C270.0	15.3	15.6	15.8	16.3	16.9	17.2	17.8	17.8	18.3	18.9
C300.0	21.2	22.2	22.0	22.5	22.7	23.3	23.0	23.4	23.5	23.6
C330.0	26.1	25.8	26.2	26.7	27.0	27.2	27.5	27.8	28.1	28.7
C360.0	31.2	30.7	30.9	31.1	31.6	32.2	32.0	32.3	32.8	33.3
C\G	G140.0	G141.0	G142.0	G143.0	G144.0	G145.0	G146.0	G147.0	G148.0	G149.0
C0.0	33.7	34.6	34.7	35.5	35.5	35.8	36.2	36.7	36.7	36.9
C30.0	44.2	44.6	45.3	45.8	46.3	46.8	47.2	47.6	47.9	47.8
C60.0	44.5	44.5	44.8	45.5	45.9	46.9	46.9	47.3	47.8	48.2
C90.0	42.0	42.0	41.8	42.1	42.1	42.1	42.6	42.9	43.3	43.9
C120.0	43.7	44.0	43.5	43.5	43.4	43.5	44.1	44.1	44.4	44.7
C150.0	45.5	45.8	46.3	46.6	47.1	47.0	47.9	47.3	47.8	47.3
C180.0	37.7	37.9	38.0	38.6	38.9	39.1	39.5	39.5	39.8	39.9
C210.0	32.4	32.8	33.5	33.4	33.7	34.3	34.2	34.0	34.5	34.0
C240.0	27.2	27.2	26.9	27.3	27.0	27.4	26.9	26.7	26.8	26.8
C270.0	19.5	19.6	19.8	20.4	20.4	20.9	21.3	21.4	21.7	22.0
C300.0	24.3	23.9	24.3	24.1	24.2	24.4	24.7	24.4	24.4	24.3
C330.0	29.4	29.2	29.5	29.8	30.5	30.1	30.4	30.4	30.8	30.3
C360.0	33.7	34.6	34.7	35.5	35.5	35.8	36.2	36.7	36.7	36.9

Light intensity data Unit[cd]

C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	37.0	37.1	37.3	37.1	37.0	36.7	36.3	36.2	35.7	35.3
C30.0	48.4	48.1	47.7	47.4	47.1	46.5	46.1	45.7	44.7	44.2
C60.0	48.9	48.6	49.0	49.0	49.2	49.1	49.3	49.2	48.6	48.3
C90.0	44.6	45.1	46.0	46.7	46.7	46.9	46.9	47.1	47.4	47.4
C120.0	45.3	45.5	45.7	45.8	46.0	46.0	46.9	46.5	46.5	46.5
C150.0	47.2	47.2	46.9	47.2	46.8	46.0	45.5	44.9	44.4	43.9
C180.0	40.4	39.8	40.2	39.9	39.8	39.2	39.1	38.9	38.2	37.4
C210.0	33.7	34.0	33.5	33.2	33.4	32.8	32.9	32.0	31.9	31.8
C240.0	26.4	26.3	26.0	25.9	25.7	25.5	25.5	25.9	25.2	25.0
C270.0	22.4	22.4	22.6	22.6	22.9	23.5	23.2	23.2	23.7	23.2
C300.0	24.7	24.5	24.2	24.2	24.6	24.1	24.2	24.1	23.8	24.1
C330.0	30.4	30.4	30.6	30.3	29.8	29.8	29.6	29.3	29.3	29.2
C360.0	37.0	37.1	37.3	37.1	37.0	36.7	36.3	36.2	35.7	35.3
C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	34.9	34.7	33.7	33.3	32.8	32.8	32.4	31.5	31.7	30.8
C30.0	43.2	42.4	41.7	40.8	39.9	39.2	38.5	38.1	37.0	36.5
C60.0	47.9	48.1	47.1	46.0	45.3	44.5	44.2	42.6	41.8	40.6
C90.0	47.2	47.6	46.9	46.3	45.7	44.9	44.1	43.1	42.4	41.4
C120.0	46.0	45.9	45.5	45.3	44.4	44.0	43.3	42.6	41.9	40.8
C150.0	43.5	42.0	41.4	40.5	39.6	39.0	38.1	37.2	36.7	35.7
C180.0	37.1	36.7	35.9	35.4	34.8	34.4	34.1	33.3	32.9	32.3
C210.0	31.0	30.4	30.4	29.9	29.6	29.6	29.3	29.2	29.2	29.5
C240.0	25.0	25.1	24.6	24.4	24.9	24.6	24.6	25.0	25.4	25.4
C270.0	23.5	23.4	23.4	23.5	23.8	23.7	23.9	24.3	24.5	24.7
C300.0	23.6	23.5	23.6	23.5	23.8	23.8	24.2	24.2	24.5	25.1
C330.0	28.5	28.2	28.0	27.6	27.8	27.5	27.4	27.9	27.5	27.5
C360.0	34.9	34.7	33.7	33.3	32.8	32.8	32.4	31.5	31.7	30.8
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	30.6	30.3	30.0	30.4	30.1	30.0	29.9	29.8	29.9	30.3
C30.0	35.4	34.8	34.5	33.8	33.2	32.8	32.2	31.8	31.6	31.0
C60.0	40.2	38.6	37.7	36.9	35.9	34.9	34.2	33.4	33.1	31.9
C90.0	40.0	38.9	37.9	36.7	35.6	34.6	33.7	32.6	31.8	31.3
C120.0	39.8	39.0	38.2	37.3	36.0	34.9	34.2	34.0	32.9	31.9
C150.0	34.9	34.9	34.0	33.3	32.6	32.2	31.6	31.2	30.9	30.3
C180.0	32.2	31.8	31.2	31.1	31.5	31.0	30.7	30.6	30.3	30.1
C210.0	29.1	29.1	29.3	29.2	29.4	29.7	29.8	30.1	30.4	30.7
C240.0	25.6	25.9	26.6	26.8	27.2	27.6	28.3	28.8	29.4	30.4
C270.0	25.1	25.4	25.7	26.4	26.9	27.3	28.2	28.5	29.2	29.8
C300.0	25.4	26.0	26.1	26.6	27.0	27.9	28.4	28.8	29.6	30.4
C330.0	27.4	27.9	28.1	28.2	28.4	28.7	29.2	29.3	29.6	29.9
C360.0	30.6	30.3	30.0	30.4	30.1	30.0	29.9	29.8	29.9	30.3

Light intensity data Unit[cd]

C\G	G180.0									
C0.0	30.5									
C30.0	31.1									
C60.0	31.2									
C90.0	31.0									
C120.0	31.2									
C150.0	30.5									
C180.0	30.0									
C210.0	30.9									
C240.0	30.6									
C270.0	30.6									
C300.0	30.8									
C330.0	30.4									
C360.0	30.5									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	2483.00	0.00	0.00	0.00	0.00
0.0-1.0	2476.65	2.37	2.37	0.01	0.01
1.0-2.0	2476.72	7.11	9.48	0.03	0.04
2.0-3.0	2472.10	11.84	21.32	0.05	0.09
3.0-4.0	2462.51	16.52	37.84	0.07	0.17
4.0-5.0	2451.50	21.14	58.98	0.09	0.26
5.0-6.0	2442.78	25.72	84.70	0.11	0.38
6.0-7.0	2434.72	30.27	114.97	0.13	0.51
7.0-8.0	2430.42	34.82	149.79	0.15	0.66
8.0-9.0	2421.76	39.32	189.11	0.17	0.84
9.0-10.0	2415.11	43.77	232.89	0.19	1.03
10.0-11.0	2414.30	48.26	281.14	0.21	1.25
11.0-12.0	2416.36	52.81	333.95	0.23	1.48
12.0-13.0	2421.68	57.42	391.36	0.25	1.73
13.0-14.0	2429.39	62.09	453.46	0.28	2.01
14.0-15.0	2449.91	66.99	520.44	0.30	2.31
15.0-16.0	2486.93	72.34	592.78	0.32	2.63
16.0-17.0	2520.93	77.99	670.77	0.35	2.97
17.0-18.0	2549.94	83.61	754.37	0.37	3.34
18.0-19.0	2568.29	89.05	843.42	0.39	3.74
19.0-20.0	2586.10	94.34	937.76	0.42	4.15
20.0-21.0	2597.12	99.53	1037.29	0.44	4.59
21.0-22.0	2610.60	104.65	1141.94	0.46	5.06
22.0-23.0	2643.22	110.24	1252.18	0.49	5.55
23.0-24.0	2693.51	116.68	1368.86	0.52	6.06
24.0-25.0	2750.44	123.78	1492.64	0.55	6.61
25.0-26.0	2803.78	131.11	1623.75	0.58	7.19
26.0-27.0	2860.78	138.58	1762.34	0.61	7.81
27.0-28.0	2948.07	147.07	1909.40	0.65	8.46
28.0-29.0	3040.79	156.69	2066.09	0.69	9.15
29.0-30.0	3126.57	166.52	2232.61	0.74	9.89
30.0-31.0	3208.47	176.29	2408.90	0.78	10.67
31.0-32.0	3296.20	186.35	2595.25	0.83	11.49
32.0-33.0	3384.43	196.81	2792.07	0.87	12.37
33.0-34.0	3480.87	207.76	2999.83	0.92	13.29
34.0-35.0	3581.68	219.34	3219.17	0.97	14.26
35.0-36.0	3671.74	230.95	3450.12	1.02	15.28
36.0-37.0	3751.97	242.12	3692.24	1.07	16.35
37.0-38.0	3831.81	253.14	3945.37	1.12	17.47
38.0-39.0	3940.69	265.30	4210.67	1.18	18.65
39.0-40.0	4042.68	278.43	4489.10	1.23	19.88

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	4140.66	291.40	4780.51	1.29	21.17
41.0-42.0	4243.30	304.60	5085.11	1.35	22.52
42.0-43.0	4347.87	318.24	5403.35	1.41	23.93
43.0-44.0	4480.90	333.22	5736.57	1.48	25.41
44.0-45.0	4635.92	350.37	6086.95	1.55	26.96
45.0-46.0	4806.72	369.28	6456.23	1.64	28.59
46.0-47.0	4999.46	390.02	6846.24	1.73	30.32
47.0-48.0	5183.92	411.67	7257.91	1.82	32.15
48.0-49.0	5370.02	433.40	7691.31	1.92	34.07
49.0-50.0	5530.29	454.47	8145.78	2.01	36.08
50.0-51.0	5665.61	473.68	8619.46	2.10	38.18
51.0-52.0	5817.09	492.73	9112.19	2.18	40.36
52.0-53.0	5968.93	512.69	9624.89	2.27	42.63
53.0-54.0	6076.34	530.91	10155.79	2.35	44.98
54.0-55.0	6175.39	546.90	10702.69	2.42	47.40
55.0-56.0	6265.69	562.18	11264.87	2.49	49.89
56.0-57.0	6259.85	572.70	11837.56	2.54	52.43
57.0-58.0	6233.16	577.72	12415.28	2.56	54.99
58.0-59.0	6175.61	580.12	12995.40	2.57	57.56
59.0-60.0	6076.77	578.85	13574.25	2.56	60.12
60.0-61.0	5943.53	573.63	14147.88	2.54	62.66
61.0-62.0	5760.12	563.95	14711.83	2.50	65.16
62.0-63.0	5558.79	550.50	15262.33	2.44	67.60
63.0-64.0	5356.22	535.60	15797.92	2.37	69.97
64.0-65.0	5115.82	518.25	16316.17	2.30	72.27
65.0-66.0	4844.73	496.97	16813.14	2.20	74.47
66.0-67.0	4615.29	475.68	17288.82	2.11	76.57
67.0-68.0	4420.77	457.74	17746.55	2.03	78.60
68.0-69.0	4230.58	441.35	18187.91	1.95	80.56
69.0-70.0	4004.00	422.91	18610.82	1.87	82.43
70.0-71.0	3749.02	400.72	19011.54	1.77	84.20
71.0-72.0	3443.71	374.00	19385.54	1.66	85.86
72.0-73.0	3137.08	344.13	19729.67	1.52	87.38
73.0-74.0	2847.77	314.64	20044.30	1.39	88.78
74.0-75.0	2552.53	285.33	20329.63	1.26	90.04
75.0-76.0	2276.17	256.33	20585.96	1.14	91.18
76.0-77.0	2054.89	230.91	20816.87	1.02	92.20
77.0-78.0	1802.21	206.47	21023.35	0.91	93.11
78.0-79.0	1599.22	182.76	21206.11	0.81	93.92
79.0-80.0	1434.54	163.56	21369.66	0.72	94.65
80.0-81.0	1263.44	145.90	21515.57	0.65	95.29

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	1074.12	126.76	21642.33	0.56	95.86
82.0-83.0	897.72	107.19	21749.51	0.47	96.33
83.0-84.0	772.65	91.00	21840.51	0.40	96.73
84.0-85.0	689.14	79.78	21920.29	0.35	97.09
85.0-86.0	615.06	71.29	21991.58	0.32	97.40
86.0-87.0	573.72	65.06	22056.65	0.29	97.69
87.0-88.0	532.13	60.58	22117.23	0.27	97.96
88.0-89.0	497.25	56.42	22173.65	0.25	98.21
89.0-90.0	430.88	50.89	22224.54	0.23	98.43
90.0-91.0	329.45	41.69	22266.22	0.18	98.62
91.0-92.0	273.60	33.05	22299.28	0.15	98.76
92.0-93.0	250.34	28.70	22327.98	0.13	98.89
93.0-94.0	221.57	25.83	22353.80	0.11	99.01
94.0-95.0	158.10	20.75	22374.56	0.09	99.10
95.0-96.0	102.20	14.21	22388.77	0.06	99.16
96.0-97.0	63.50	9.03	22397.79	0.04	99.20
97.0-98.0	54.89	6.44	22404.23	0.03	99.23
98.0-99.0	47.60	5.56	22409.79	0.02	99.25
99.0-100.0	44.18	4.96	22414.75	0.02	99.28
100.0-101.0	39.18	4.49	22419.24	0.02	99.30
101.0-102.0	34.71	3.97	22423.21	0.02	99.31
102.0-103.0	30.42	3.49	22426.70	0.02	99.33
103.0-104.0	25.91	3.00	22429.70	0.01	99.34
104.0-105.0	24.39	2.67	22432.37	0.01	99.35
105.0-106.0	22.21	2.46	22434.83	0.01	99.37
106.0-107.0	22.54	2.35	22437.19	0.01	99.38
107.0-108.0	23.13	2.39	22439.58	0.01	99.39
108.0-109.0	23.73	2.44	22442.01	0.01	99.40
109.0-110.0	24.32	2.48	22444.50	0.01	99.41
110.0-111.0	25.00	2.53	22447.03	0.01	99.42
111.0-112.0	25.52	2.58	22449.61	0.01	99.43
112.0-113.0	26.16	2.62	22452.22	0.01	99.44
113.0-114.0	26.62	2.65	22454.88	0.01	99.45
114.0-115.0	27.25	2.69	22457.57	0.01	99.47
115.0-116.0	27.69	2.72	22460.29	0.01	99.48
116.0-117.0	28.14	2.74	22463.03	0.01	99.49
117.0-118.0	28.58	2.76	22465.79	0.01	99.50
118.0-119.0	29.12	2.78	22468.57	0.01	99.51
119.0-120.0	29.44	2.79	22471.36	0.01	99.53
120.0-121.0	29.88	2.80	22474.16	0.01	99.54
121.0-122.0	30.28	2.81	22476.98	0.01	99.55

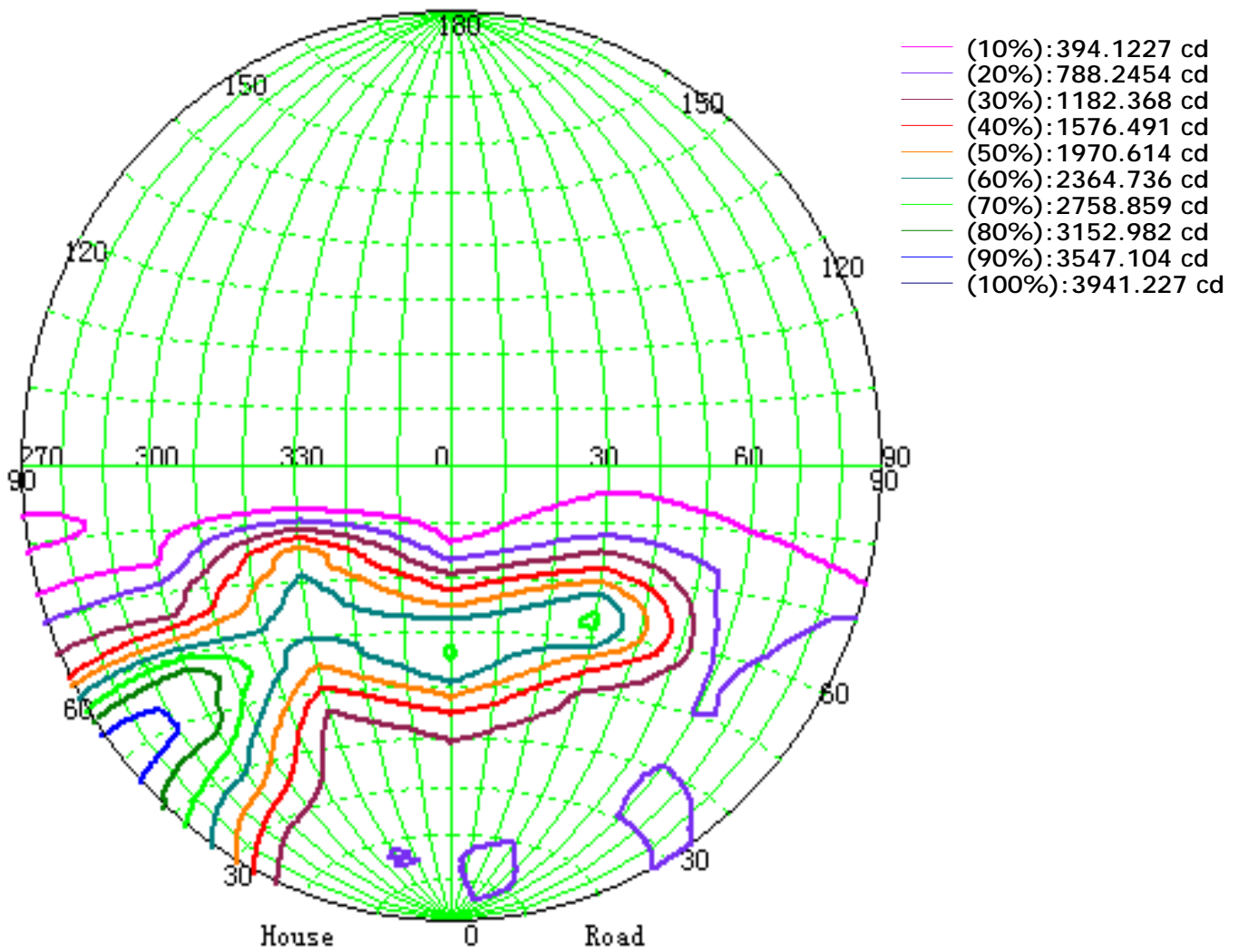
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	30.52	2.81	22479.79	0.01	99.56
123.0-124.0	30.87	2.81	22482.60	0.01	99.58
124.0-125.0	31.29	2.81	22485.40	0.01	99.59
125.0-126.0	31.48	2.80	22488.20	0.01	99.60
126.0-127.0	31.65	2.78	22490.99	0.01	99.61
127.0-128.0	31.96	2.77	22493.75	0.01	99.63
128.0-129.0	32.22	2.75	22496.50	0.01	99.64
129.0-130.0	32.58	2.74	22499.25	0.01	99.65
130.0-131.0	32.79	2.73	22501.97	0.01	99.66
131.0-132.0	32.99	2.70	22504.67	0.01	99.67
132.0-133.0	33.25	2.68	22507.35	0.01	99.69
133.0-134.0	33.58	2.66	22510.01	0.01	99.70
134.0-135.0	33.99	2.64	22512.65	0.01	99.71
135.0-136.0	34.10	2.62	22515.26	0.01	99.72
136.0-137.0	34.41	2.59	22517.85	0.01	99.73
137.0-138.0	34.57	2.56	22520.40	0.01	99.74
138.0-139.0	34.90	2.52	22522.93	0.01	99.76
139.0-140.0	35.34	2.50	22525.44	0.01	99.77
140.0-141.0	35.50	2.47	22527.91	0.01	99.78
141.0-142.0	35.69	2.43	22530.34	0.01	99.79
142.0-143.0	36.05	2.39	22532.73	0.01	99.80
143.0-144.0	36.24	2.36	22535.09	0.01	99.81
144.0-145.0	36.53	2.32	22537.41	0.01	99.82
145.0-146.0	36.82	2.28	22539.68	0.01	99.83
146.0-147.0	36.85	2.23	22541.91	0.01	99.84
147.0-148.0	37.15	2.18	22544.09	0.01	99.85
148.0-149.0	37.16	2.13	22546.22	0.01	99.86
149.0-150.0	37.45	2.08	22548.30	0.01	99.87
150.0-151.0	37.42	2.02	22550.32	0.01	99.88
151.0-152.0	37.47	1.96	22552.28	0.01	99.89
152.0-153.0	37.44	1.90	22554.17	0.01	99.89
153.0-154.0	37.42	1.83	22556.01	0.01	99.90
154.0-155.0	37.16	1.76	22557.77	0.01	99.91
155.0-156.0	37.12	1.69	22559.46	0.01	99.92
156.0-157.0	36.91	1.62	22561.08	0.01	99.92
157.0-158.0	36.63	1.54	22562.62	0.01	99.93
158.0-159.0	36.35	1.47	22564.09	0.01	99.94
159.0-160.0	35.97	1.39	22565.48	0.01	99.94
160.0-161.0	35.67	1.31	22566.79	0.01	99.95
161.0-162.0	35.18	1.23	22568.02	0.01	99.96
162.0-163.0	34.71	1.15	22569.18	0.01	99.96

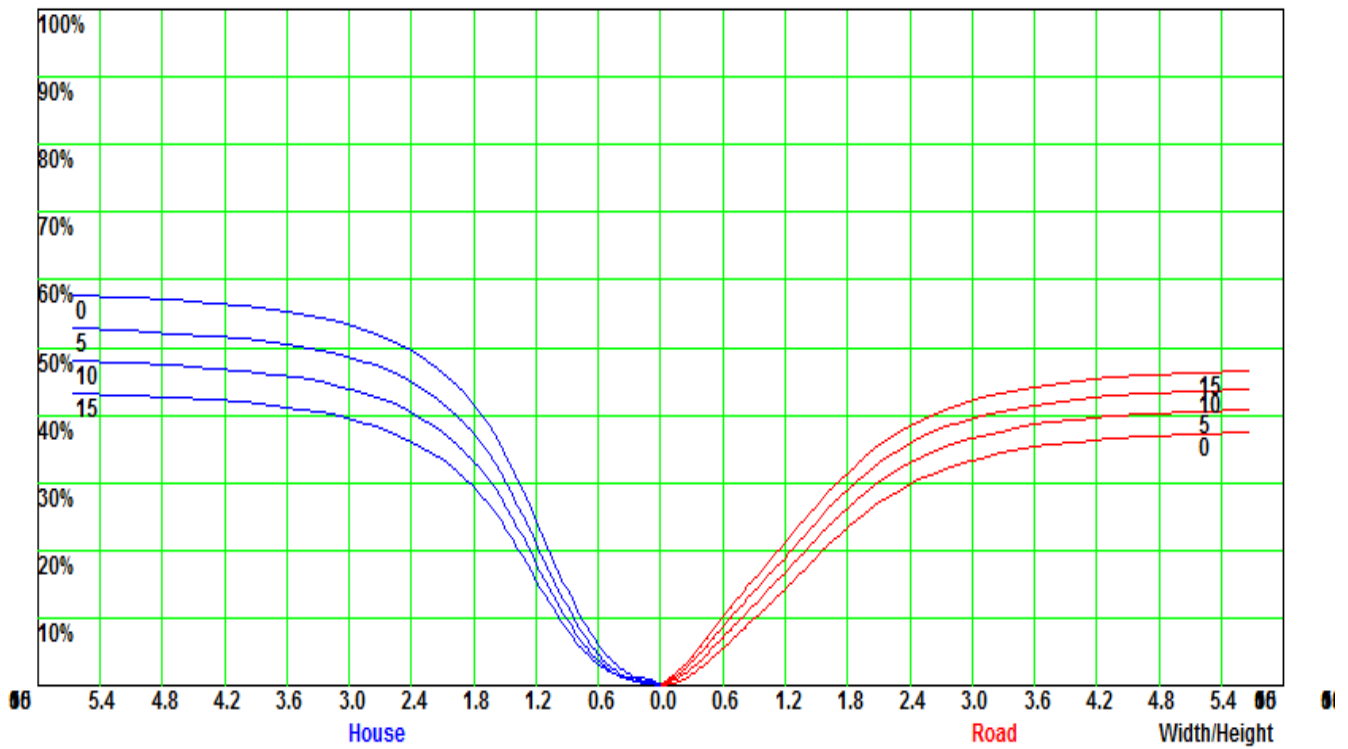
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
163.0-164.0	34.37	1.08	22570.25	0.00	99.96
164.0-165.0	34.00	1.00	22571.25	0.00	99.97
165.0-166.0	33.67	0.93	22572.18	0.00	99.97
166.0-167.0	33.23	0.86	22573.04	0.00	99.98
167.0-168.0	32.95	0.79	22573.82	0.00	99.98
168.0-169.0	32.52	0.72	22574.54	0.00	99.98
169.0-170.0	32.14	0.65	22575.18	0.00	99.99
170.0-171.0	31.87	0.58	22575.76	0.00	99.99
171.0-172.0	31.60	0.51	22576.27	0.00	99.99
172.0-173.0	31.39	0.45	22576.73	0.00	99.99
173.0-174.0	31.15	0.39	22577.12	0.00	100.00
174.0-175.0	30.98	0.33	22577.44	0.00	100.00
175.0-176.0	30.86	0.27	22577.71	0.00	100.00
176.0-177.0	30.75	0.21	22577.91	0.00	100.00
177.0-178.0	30.71	0.15	22578.06	0.00	100.00
178.0-179.0	30.66	0.09	22578.15	0.00	100.00
179.0-180.0	30.73	0.03	22578.18	0.00	100.00

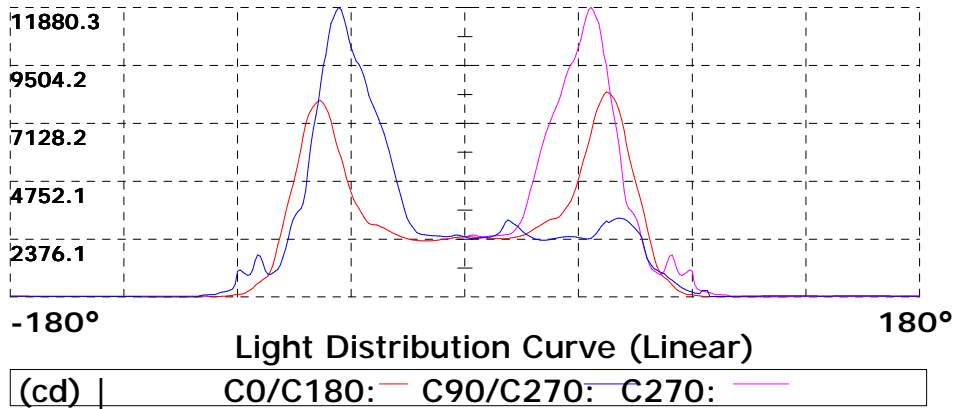
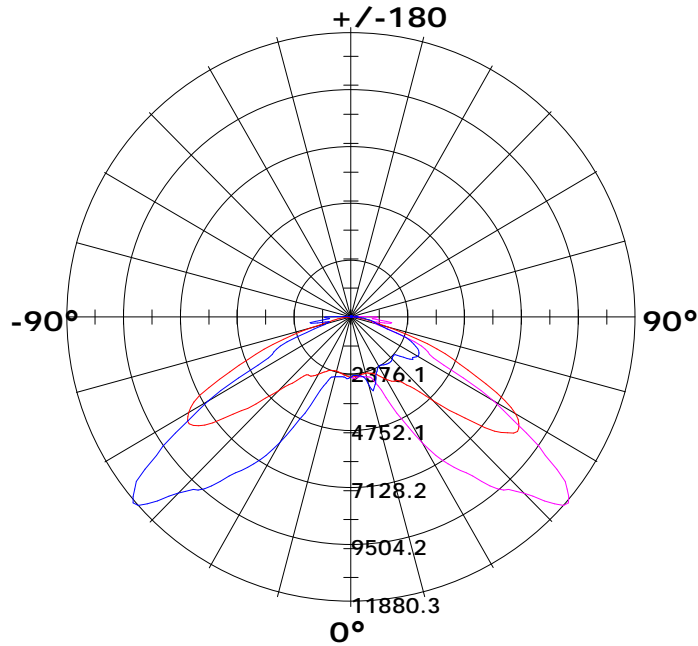
Iso-Candela [cd]

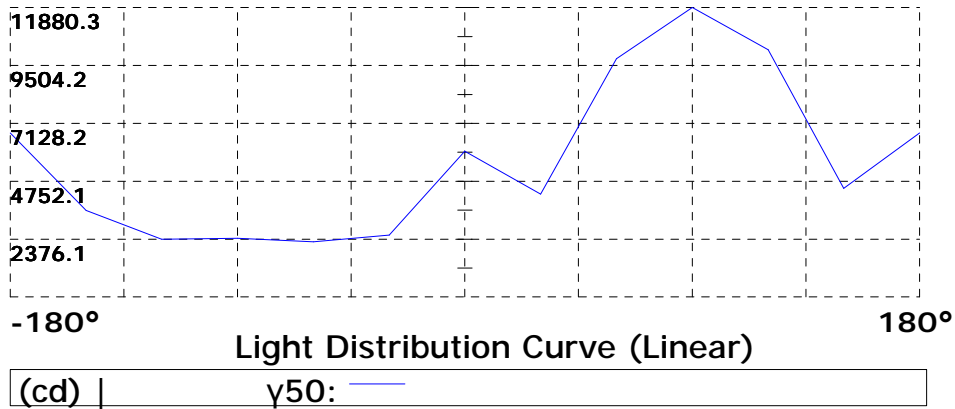
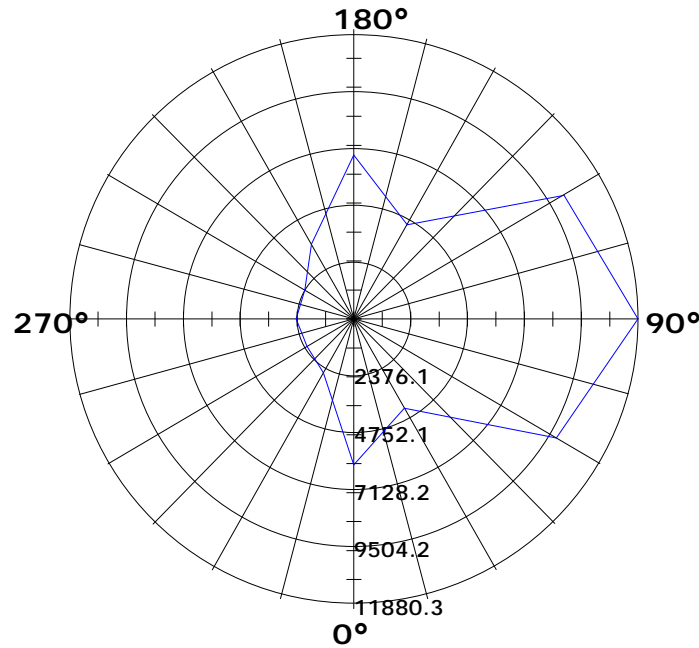


Coefficient Utilization Curve

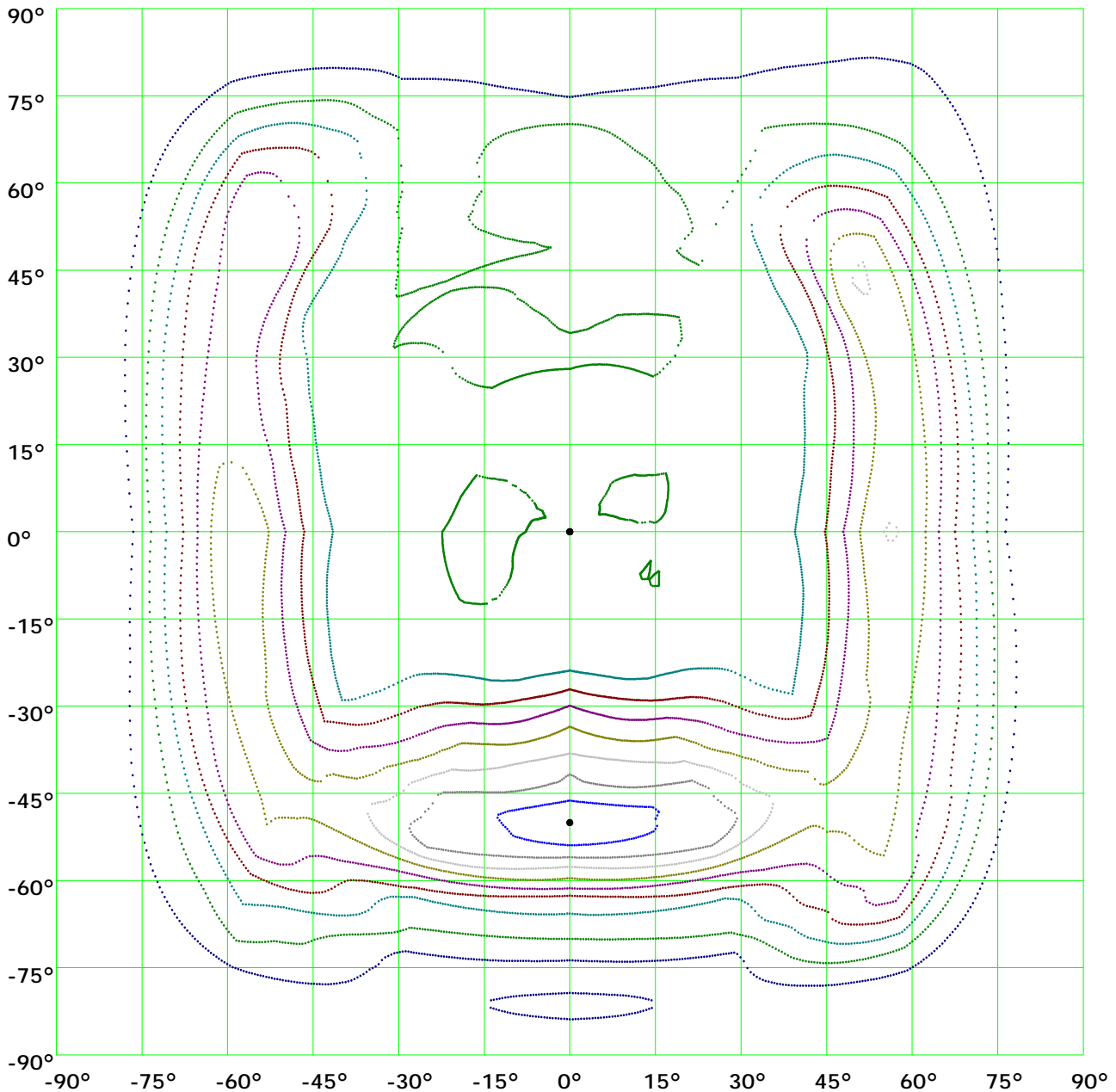


Light Distribution Curve [Unit: cd]



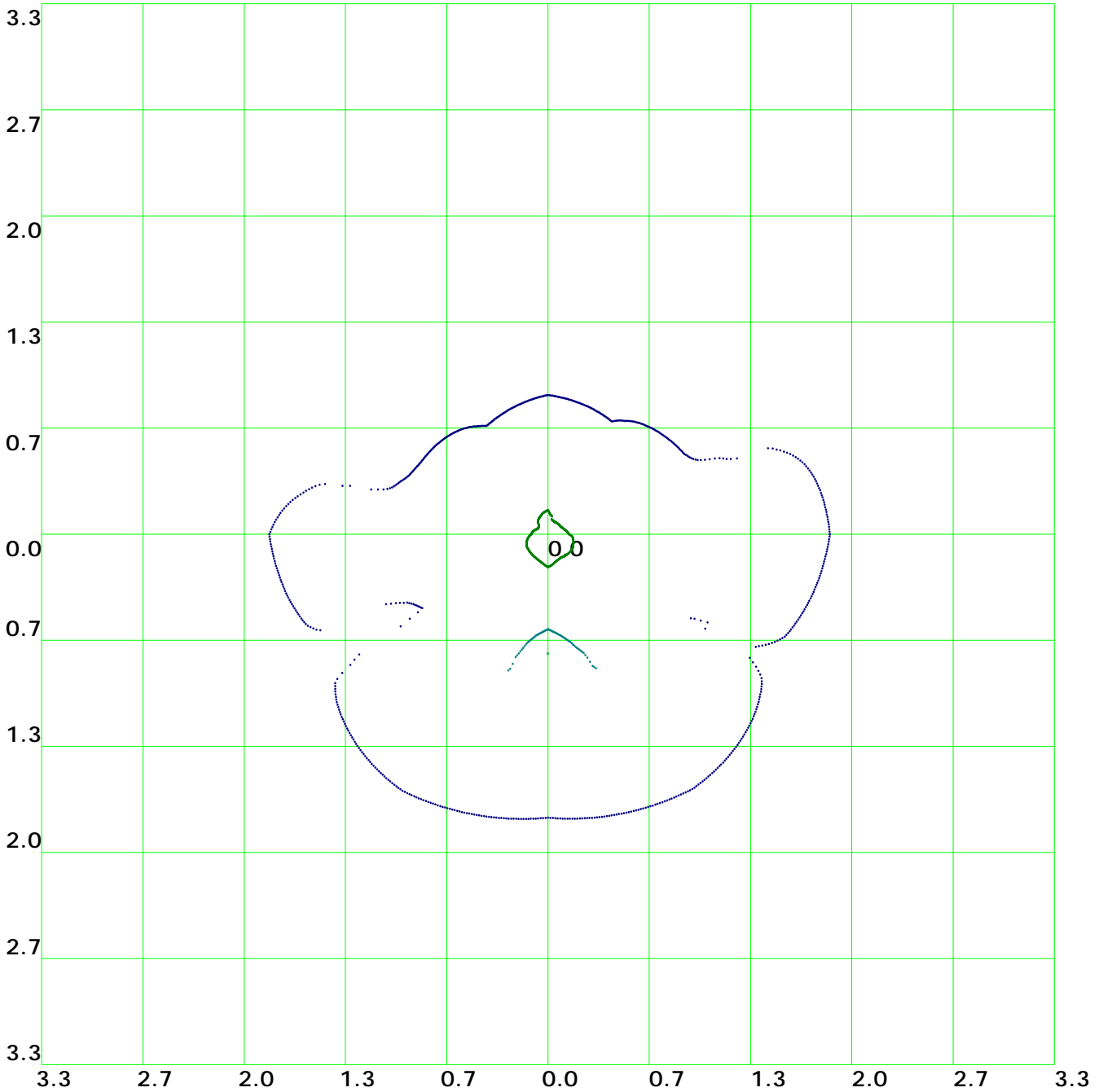


Isocandela(rectangle)



— (10%): 1188.0cd	— (20%): 2376.1cd	— (30%): 3564.1cd	— (40%): 4752.1cd
— (50%): 5940.1cd	— (60%): 7128.2cd	— (70%): 8316.2cd	— (80%): 9504.2cd
— (90%): 10692.2cd	— (100%): 11880.3cd		

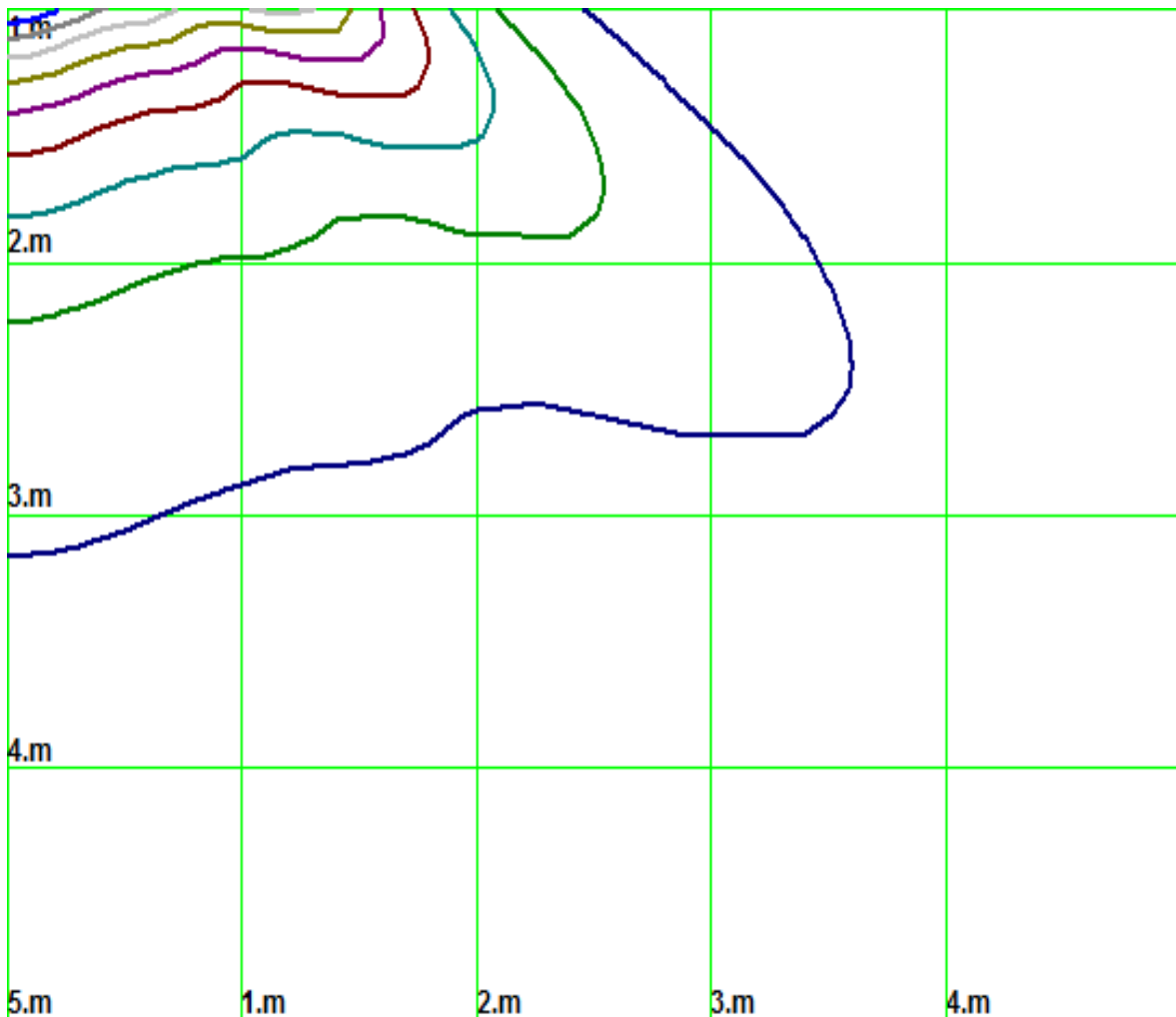
Isolx curve



Height: 1 m

- (10%): 1188.1lx (20%): 2376.1lx (30%): 3564.1lx (40%): 4752.1lx
- (50%): 5940.1lx (60%): 7128.2lx (70%): 8316.2lx (80%): 9504.2lx
- (90%): 10692.2lx (100%): 11868.4lx

Space Isolx Curve



— (10%): 1188.1lx	— (20%): 2376.1lx	— (30%): 3564.1lx	— (40%): 4752.1lx
— (50%): 5940.1lx	— (60%): 7128.2lx	— (70%): 8316.2lx	— (80%): 9504.2lx
— (90%): 10692.2lx	— (100%): 11868.4lx		

Luminance Limiting Curve

Diameter: 345mm

Length: 345mm

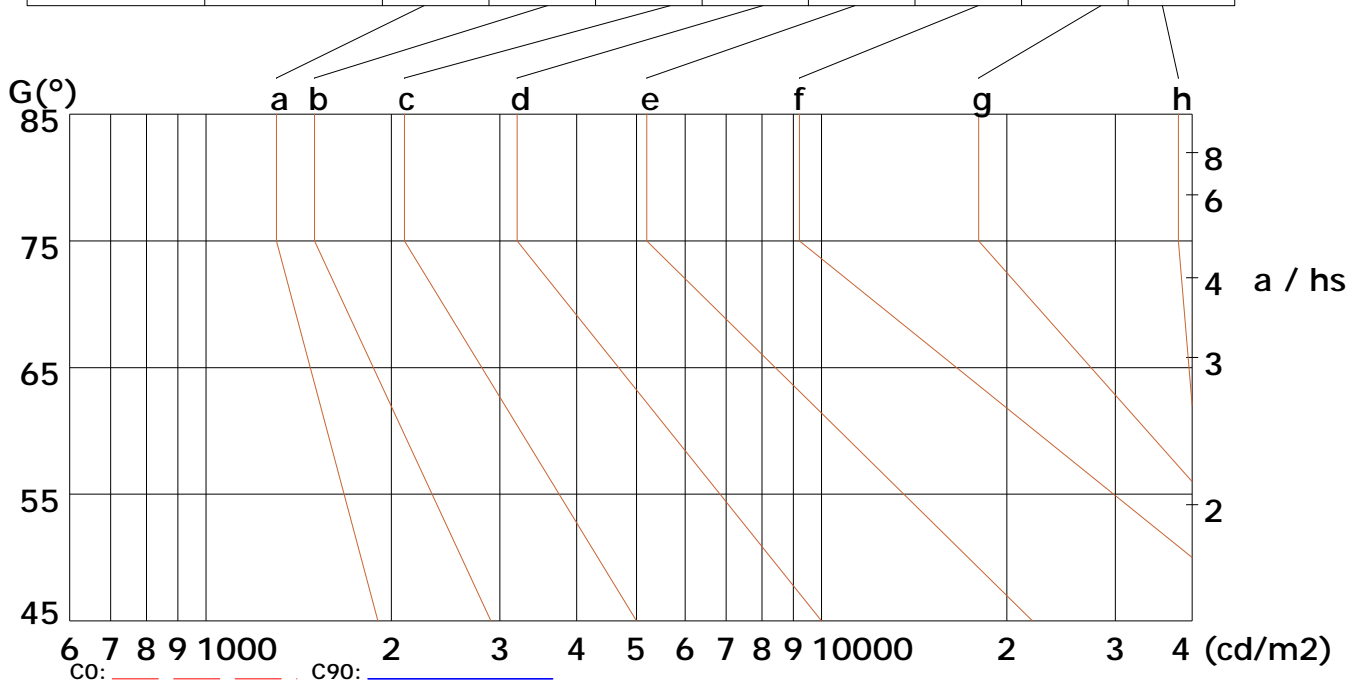
Width: 163mm

Height: 172mm

(cd/m²)

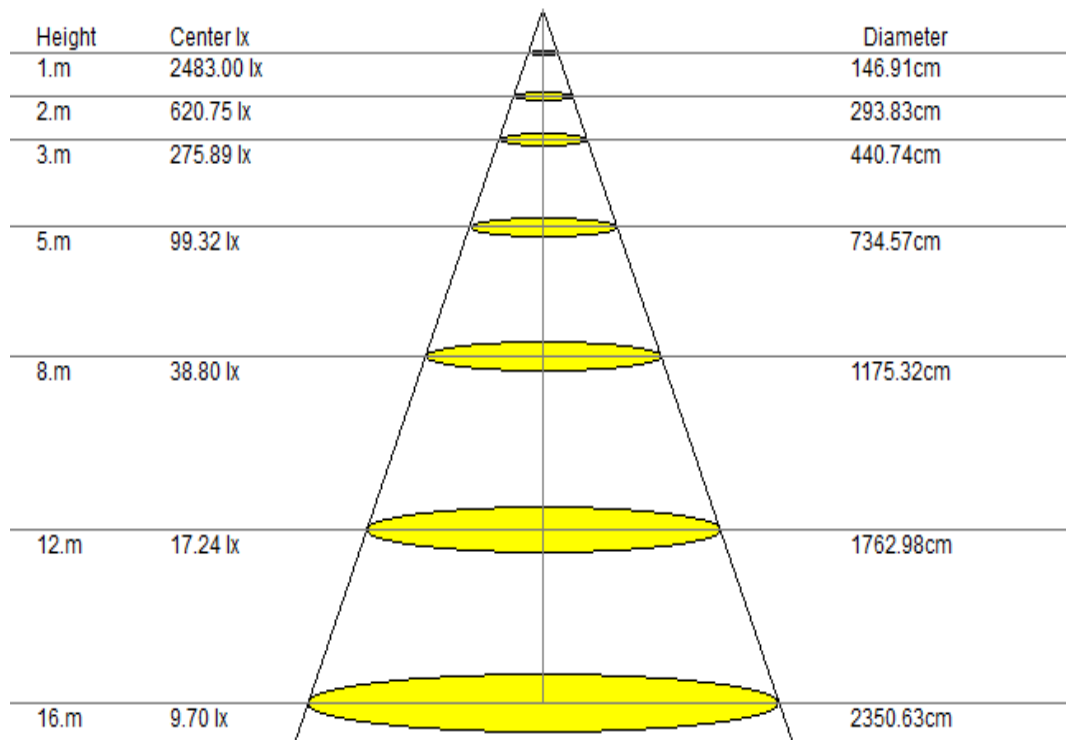
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	86415	93886	131540	161153	181841	178898	112737	122018	128983
C90	17096	26188	36217	39782	44218	62791	49571	28058	26742

Glare	Quality	Service Values Illuminance (lx)							
		2000	1000	500	≤300				
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

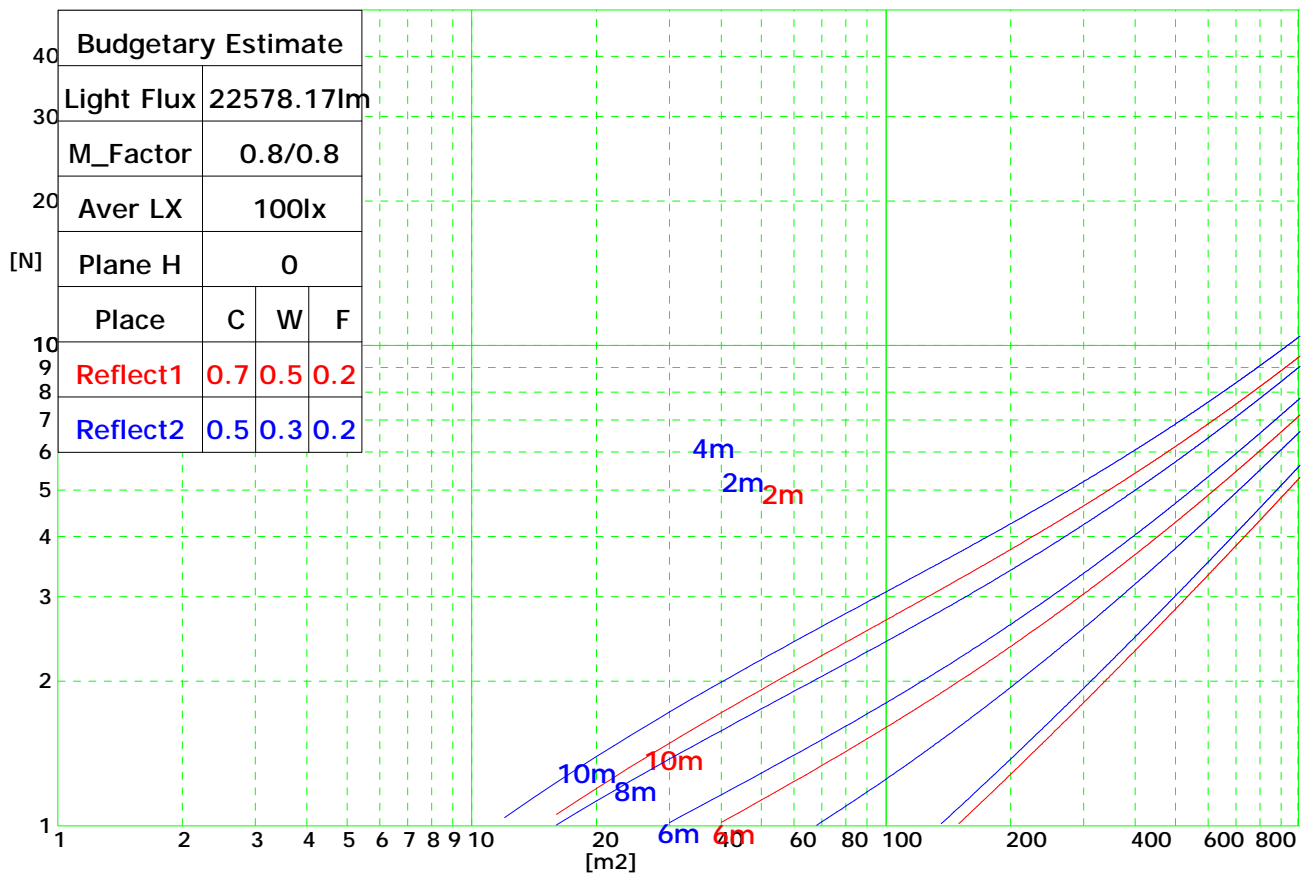


Beam Angle: 72.60°(50%Imax)

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	0.98	0.95	0.93	0.97	0.94	0.92	0.94	0.91	0.88	0.89	0.86	0.84	0.84	0.80	0.78	0.72
2	0.77	0.74	0.72	0.77	0.73	0.70	0.76	0.71	0.68	0.74	0.69	0.64	0.70	0.65	0.60	0.55
3	0.62	0.58	0.56	0.63	0.58	0.55	0.63	0.57	0.53	0.62	0.55	0.50	0.59	0.53	0.47	0.43
4	0.50	0.47	0.44	0.51	0.47	0.43	0.52	0.46	0.42	0.52	0.46	0.40	0.51	0.44	0.38	0.34
5	0.42	0.38	0.36	0.43	0.38	0.35	0.45	0.39	0.34	0.45	0.38	0.33	0.45	0.37	0.31	0.27
6	0.35	0.32	0.29	0.37	0.32	0.29	0.39	0.33	0.28	0.40	0.33	0.27	0.40	0.32	0.26	0.23
7	0.30	0.27	0.25	0.32	0.27	0.24	0.34	0.28	0.24	0.35	0.28	0.23	0.36	0.28	0.22	0.19
8	0.26	0.23	0.21	0.28	0.24	0.21	0.30	0.24	0.20	0.32	0.25	0.20	0.33	0.25	0.19	0.16
9	0.23	0.20	0.18	0.24	0.21	0.18	0.27	0.22	0.18	0.29	0.22	0.17	0.30	0.22	0.17	0.14
10	0.20	0.18	0.16	0.22	0.18	0.16	0.24	0.19	0.16	0.26	0.20	0.15	0.28	0.20	0.15	0.12

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	14.0	15.0	14.2	15.0	15.5	13.7	15.0	14.1	15.2	15.5
	3H	15.3	16.5	15.7	16.7	17.1	15.3	16.4	15.6	16.8	17.0
	4H	16.0	17.1	16.4	17.5	17.7	16.0	17.0	16.3	17.5	17.8
	6H	16.6	17.5	17.1	17.9	18.0	16.5	17.4	16.9	17.9	18.0
	8H	16.9	17.8	17.1	18.0	18.3	16.9	17.8	16.9	17.9	18.3
4H	12H	16.8	17.8	17.2	18.1	18.5	16.9	17.6	17.1	18.3	18.3
	2H	14.8	15.7	15.0	15.9	16.1	14.7	15.7	14.8	15.9	16.0
	3H	16.4	17.4	16.7	17.3	17.7	16.4	17.3	16.6	17.4	17.8
	4H	17.2	17.9	17.5	18.0	18.3	17.0	17.8	17.4	18.1	18.5
	6H	17.8	18.4	18.0	18.8	18.9	17.7	18.4	17.9	18.6	19.1
8H	8H	18.1	18.6	18.3	18.8	19.3	17.9	18.5	18.3	18.8	19.1
	12H	18.2	18.9	18.5	19.1	19.3	18.2	18.6	18.4	19.0	19.4
	4H	17.5	18.2	17.9	18.3	18.8	17.4	18.1	17.7	18.4	18.8
	6H	18.3	18.8	18.8	19.1	19.4	18.2	18.7	18.6	19.0	19.5
	8H	18.6	19.1	19.0	19.4	19.8	18.6	19.0	18.9	19.3	19.8
12H	12H	19.0	19.3	19.4	19.6	20.0	18.8	19.2	19.2	19.7	20.0
	4H	17.6	18.2	17.9	18.4	18.7	17.5	18.1	17.8	18.4	18.8
	6H	18.4	18.9	18.8	19.1	19.6	18.4	18.7	18.6	19.1	19.6
	8H	18.8	19.3	19.3	19.4	19.8	18.8	19.0	19.1	19.5	19.8