

## Luminaire Property

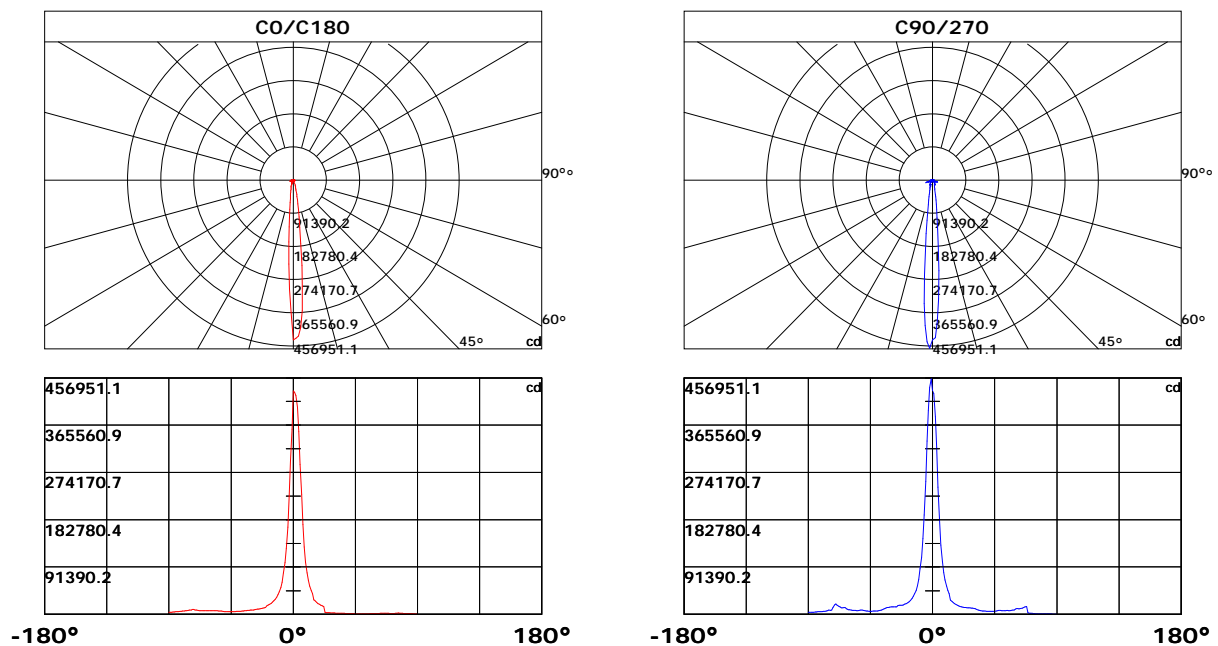
Luminaire Description: T500-480W-10D  
Luminaire Category: LED FLOOD LIGHT  
Lamp Category:  
Lamp Description: T500-480W-10D  
Number of Lamp: 1  
Lamp Lumens(lm): 58561.23  
Luminous Length(m): 0.536  
Luminous Width(m): 0.579  
Luminous Height(m): 0.165

Voltage: 219.7 V  
Current: 2.2 A  
Power: 479.3 W  
Power Factor: 0.975  
Test Lab: Huipu-lab  
Photometric Type: Type C  
Manufactory:

## Photometric Results

CIE Class: Direct  
Measurement Flux: 58561.23 lm  
Efficiency: 122.1807 lm/W  
Central Intensity: 432239.5cd  
Max. Intensity: 456951.08cd  
Field Angle(10%Imax): Left: -11.6 Right:11.7

Max.Intensity Angle: C:240.0 G:1.0  
Beam Angle(50%Imax): L: -5.0 R:4.9  
Luminaire Efficacy Rating(LER) : -5856123.00%  
Upward Ratio: 0.0%  
Downward Ratio: 100.0%



## 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	432239.5	428585.9	422362.5	399456.3	353567.5	289696.3	232155.7	173208.1	130045.1	100919.6
C30.0	432239.5	383844.0	320676.3	258257.7	194799.4	144555.8	107707.8	83596.7	67370.5	56725.7
C60.0	432239.5	407545.4	352328.9	284634.9	222461.0	163957.0	119933.7	96874.7	78708.9	61127.6
C90.0	432239.5	426552.4	382009.0	322388.7	245810.6	181633.7	133864.9	101976.4	80597.7	66169.8
C120.0	432239.5	426475.8	379960.1	320966.6	258823.5	191680.0	141066.2	109535.8	88388.1	67848.5
C150.0	432239.5	396275.7	342649.6	280888.6	215947.0	156701.7	119562.6	91836.9	73546.1	60882.5
C180.0	432239.5	358078.5	295155.3	227706.0	168315.0	127120.7	99458.8	79825.0	62144.7	51711.0
C210.0	432239.5	455238.4	454703.3	430956.2	386183.5	317541.5	245581.2	178636.5	135683.6	100804.5
C240.0	432239.5	456951.1	449366.6	415726.2	365754.5	295690.4	227614.2	162782.3	119911.8	93895.3
C270.0	432239.5	454948.0	438448.7	394394.9	334468.8	256743.9	191634.1	146112.3	110132.2	87883.5
C300.0	432239.5	449106.7	425420.7	381840.9	315033.8	242951.1	185135.2	132964.3	101176.9	81406.5
C330.0	432239.5	436828.0	419380.7	376550.1	324254.4	253517.4	192826.8	147947.2	114490.1	90345.3
C360.0	432239.5	428585.9	422362.5	399456.3	353567.5	289696.3	232155.7	173208.1	130045.1	100919.6
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	80196.5	66047.1	54759.0	45955.2	39709.3	27996.4	25349.4	23113.9	20963.5	19020.4
C30.0	47548.0	40178.0	28300.0	25599.3	23334.9	21082.5	19256.9	17582.7	16324.7	15227.6
C60.0	51551.8	43161.5	37169.8	32829.1	28595.6	25535.5	23078.7	20983.4	19035.1	17730.3
C90.0	54682.4	45894.0	39749.1	27595.5	24948.4	22651.1	20492.7	18697.1	17231.7	15853.2
C120.0	57096.4	47716.6	40894.6	34814.0	30528.6	26855.6	24120.1	21648.1	19650.9	18183.6
C150.0	51156.7	43063.5	29915.5	26833.4	24251.7	22071.2	19989.1	18220.2	16850.9	15492.9
C180.0	43553.6	38036.6	33196.8	28620.3	25997.9	23599.5	21415.3	19519.1	18263.3	16630.4
C210.0	81644.7	63890.7	52550.4	45057.7	38153.1	32587.0	29269.6	26041.0	23424.9	21574.6
C240.0	74213.9	60171.9	50635.8	42806.2	29220.7	26495.8	23913.5	21489.8	19684.5	17862.9
C270.0	67900.5	55307.3	46194.1	39798.0	34415.9	30360.2	27027.2	24101.9	22346.6	20909.8
C300.0	65358.0	53435.6	45266.0	38964.9	27410.2	24977.9	22531.4	20499.6	18879.1	17299.0
C330.0	70752.4	58140.9	48592.7	41761.7	36042.5	31554.9	28176.0	25569.2	23317.6	21789.0
C360.0	80196.5	66047.1	54759.0	45955.2	39709.3	27996.4	25349.4	23113.9	20963.5	19020.4
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	17468.7	16126.0	14908.0	3663.4	3402.6	3184.7	3011.4	2849.3	2705.0	2591.6
C30.0	14399.5	13730.7	13214.8	12932.8	12605.9	12285.0	12098.7	12028.8	11875.2	11620.5
C60.0	16731.7	13029.1	12270.1	11571.1	10996.0	10446.2	9958.6	9541.0	9154.1	8825.2
C90.0	14847.4	14081.8	13693.0	13222.8	12970.5	12606.3	12383.0	12359.0	11998.1	11814.1
C120.0	16869.5	13152.5	12335.6	11597.5	10893.4	10371.5	9888.3	9408.4	9093.1	8695.0
C150.0	14674.7	13865.7	13358.5	12942.1	12599.6	12201.7	11916.5	11661.2	11265.0	11014.0
C180.0	13323.4	12559.6	11849.4	11208.3	10637.4	10177.8	9739.7	9289.8	8955.5	8615.3
C210.0	19797.8	18897.3	17307.5	16673.5	13760.9	13420.4	13246.4	13000.1	12919.9	12665.0
C240.0	16452.3	15288.6	3712.3	3437.9	3218.9	3001.7	2840.7	2698.3	2583.0	2444.9
C270.0	19724.5	18287.7	17426.9	17246.2	17215.5	16897.0	14164.9	14161.9	14075.6	14263.2
C300.0	15937.1	14908.0	3638.5	3371.5	3164.6	2982.9	2847.2	2721.0	2600.9	2478.0
C330.0	20340.1	18572.7	17635.3	17025.7	16967.5	13641.7	13419.7	13259.2	12860.6	12889.6
C360.0	17468.7	16126.0	14908.0	3663.4	3402.6	3184.7	3011.4	2849.3	2705.0	2591.6

## 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	2465.7	2326.3	2218.4	2095.5	1999.0	1902.4	1797.7	1701.9	1600.4	1522.0
C30.0	11233.6	10613.4	9797.0	9038.1	8192.7	7700.5	7052.0	6611.4	6349.1	6274.5
C60.0	8441.4	8122.4	7849.8	7513.9	7246.3	6990.1	6740.4	6444.1	6179.5	6010.3
C90.0	11333.5	10428.2	9622.4	8572.3	7665.2	6895.1	6455.2	6290.5	6051.6	5958.6
C120.0	8341.4	8007.1	7725.1	7428.9	7112.3	6797.1	6509.5	6258.9	5984.3	5818.4
C150.0	10321.5	9575.6	8611.7	7872.5	7165.3	6729.8	6316.5	6164.6	5900.6	5927.0
C180.0	8310.7	7999.7	7705.9	7473.9	6965.4	6715.0	6405.2	6223.2	6002.3	5840.0
C210.0	12243.7	12003.0	11602.5	11004.6	10172.2	9360.8	8334.0	7624.5	7040.1	6659.4
C240.0	2342.6	2208.2	2065.6	1955.9	1829.1	1716.8	1608.6	1502.4	1417.5	1322.3
C270.0	14057.0	13844.3	13509.1	12768.2	11968.4	10814.0	9594.7	8424.3	7362.3	6783.4
C300.0	2369.8	2231.8	2113.9	1987.9	1870.0	1742.3	1656.0	1544.3	1456.3	1366.0
C330.0	12771.2	12431.3	12078.1	11638.9	11111.3	10470.2	9670.6	8816.6	8098.4	7079.0
C360.0	2465.7	2326.3	2218.4	2095.5	1999.0	1902.4	1797.7	1701.9	1600.4	1522.0
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	1441.6	1360.8	1286.2	1234.0	1189.5	1145.3	1106.4	1075.6	1047.5	1022.2
C30.0	6102.9	6062.2	5967.7	6007.3	5883.9	5788.7	5788.7	5972.0	6424.9	7037.7
C60.0	5885.0	5719.7	5572.8	5497.7	5397.1	5364.8	5211.2	5167.5	5053.9	4961.5
C90.0	5895.6	5777.7	5676.0	5611.7	5642.0	5943.6	6381.8	7209.3	7680.1	7596.2
C120.0	5692.6	5534.0	5394.5	5363.1	5224.8	5103.9	4978.6	4979.2	4911.5	4900.9
C150.0	5785.7	5686.4	5549.4	5483.4	5598.1	5823.3	6159.6	6306.5	6579.2	6584.8
C180.0	5700.0	5606.7	5445.7	5318.7	5272.4	5168.8	5113.2	4984.2	5024.2	5178.5
C210.0	6384.8	6233.2	6142.9	6039.3	5903.6	5733.3	5696.3	5677.7	5893.0	6207.2
C240.0	1224.3	1158.3	1088.4	1028.9	987.4	931.3	902.5	866.2	832.0	810.4
C270.0	6551.5	6371.2	6267.6	6139.9	6012.2	5877.0	5792.0	6059.6	6357.1	6998.7
C300.0	1276.4	1210.9	1155.7	1103.6	1046.0	1011.6	973.3	933.0	904.5	874.0
C330.0	6692.1	6465.1	6291.2	6175.6	6118.3	5922.6	6046.2	5820.3	5797.4	5902.3
C360.0	1441.6	1360.8	1286.2	1234.0	1189.5	1145.3	1106.4	1075.6	1047.5	1022.2
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	993.9	959.9	935.0	935.6	956.4	1055.3	1200.5	1320.4	1435.7	1495.0
C30.0	7278.3	6723.1	6552.1	6407.8	6842.7	7688.1	7589.9	7817.5	8007.7	8481.6
C60.0	4942.9	5342.7	5723.4	6097.9	6366.9	6457.1	6524.4	6499.5	6626.8	6785.4
C90.0	7184.6	6815.0	6695.8	7303.0	7682.5	7111.7	7283.9	7656.5	7988.5	8419.9
C120.0	5027.9	5366.1	5836.3	6112.9	6325.6	6374.5	6378.1	6476.8	6531.8	6603.4
C150.0	6481.1	6344.8	6440.5	6892.0	7158.6	7119.0	7557.2	7781.8	8087.4	8743.2
C180.0	5374.1	5674.0	6065.2	6353.5	6454.5	6604.5	6691.5	6826.1	6869.8	6974.1
C210.0	6516.2	6921.0	6963.0	6906.3	6670.0	6710.7	6975.4	7551.6	7665.2	7900.4
C240.0	779.6	769.0	776.2	823.8	915.3	1041.7	1157.2	1218.5	1235.6	1247.2
C270.0	7675.8	8149.0	8014.4	7604.8	7128.3	6869.8	7411.6	7728.8	7778.8	8302.7
C300.0	840.2	815.1	807.8	833.5	927.4	1061.4	1184.1	1248.5	1260.4	1271.0
C330.0	6141.8	6626.8	7132.7	7317.2	7063.0	6649.1	6500.8	6877.8	7516.5	8013.8
C360.0	993.9	959.9	935.0	935.6	956.4	1055.3	1200.5	1320.4	1435.7	1495.0

## 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	1526.6	1561.9	1615.3	1665.1	1698.8	1712.9	1704.2	1694.1	1698.4	1689.1
C30.0	9022.8	10086.5	11527.2	11941.2	12061.5	13230.8	14852.4	17092.8	19539.9	19295.0
C60.0	6840.3	6896.4	6749.5	6695.1	6655.8	6654.5	6542.2	6675.4	6553.8	6745.1
C90.0	9845.9	10954.0	10507.8	10548.1	11204.6	12133.7	12817.5	14045.3	14924.7	3149.3
C120.0	6646.5	6615.7	6607.5	6560.8	6545.2	6487.8	6439.2	6481.8	6306.5	6307.2
C150.0	9645.3	10495.5	10657.1	10966.3	11746.2	12477.4	13677.0	16272.7	17195.8	14893.1
C180.0	7072.3	7090.7	7046.3	6997.0	7054.3	7047.0	7008.0	6965.4	7002.0	7560.9
C210.0	8236.7	8619.7	9319.4	10186.5	11110.0	11452.6	11748.1	12979.8	14435.2	16544.9
C240.0	1243.6	1266.1	1287.3	1291.8	1283.6	1267.6	1257.0	1253.7	1242.5	1229.1
C270.0	8641.3	8993.8	10048.2	12471.3	13076.5	12459.6	12386.7	14087.9	15652.1	17524.7
C300.0	1288.8	1314.3	1332.1	1330.3	1322.3	1302.8	1292.2	1286.6	1278.2	1270.2
C330.0	8124.4	8569.7	8925.2	9721.7	10968.7	12385.6	12705.2	13791.7	15082.6	17057.1
C360.0	1526.6	1561.9	1615.3	1665.1	1698.8	1712.9	1704.2	1694.1	1698.4	1689.1
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	1654.0	1626.8	1572.2	1570.1	1683.5	2152.8	2501.8	2326.3	1987.3	1721.3
C30.0	15161.6	2986.5	2670.2	2133.3	1679.8	1455.4	1344.2	1263.9	1173.5	1106.2
C60.0	7509.2	8303.3	8331.7	7752.2	7193.7	6910.7	6482.9	6192.3	5988.6	5779.0
C90.0	2253.6	2185.0	1923.9	1504.1	1237.1	1115.2	1027.0	948.2	895.2	821.6
C120.0	6716.8	7302.3	8135.4	9265.8	9176.4	8101.4	7406.0	6823.0	6421.2	6065.2
C150.0	3131.5	2769.9	2408.4	2281.8	2089.8	1789.9	1532.4	1410.4	1318.4	1218.9
C180.0	8123.1	8528.3	9542.3	9397.1	8452.6	7952.8	7469.6	7050.7	6648.4	6449.5
C210.0	18196.8	17842.0	15589.2	12382.4	10578.8	9638.0	8427.9	7776.8	7386.9	6945.1
C240.0	1216.1	1200.9	1270.6	1528.3	1640.6	1623.5	1498.9	1330.5	1216.9	1124.8
C270.0	19909.7	18270.2	12804.5	8551.3	7577.6	8316.1	7263.6	6338.5	5956.6	5728.3
C300.0	1257.6	1247.2	1226.5	1228.8	1375.8	1838.4	2072.3	1914.1	1592.6	1382.0
C330.0	19870.8	21856.3	20811.2	15126.3	10429.5	9905.0	10161.8	9091.2	8010.1	7303.0
C360.0	1654.0	1626.8	1572.2	1570.1	1683.5	2152.8	2501.8	2326.3	1987.3	1721.3
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	1549.3	1450.4	1387.0	1323.6	1263.9	1227.3	1187.1	1118.5	1048.8	965.1
C30.0	1038.2	966.6	873.5	796.5	723.2	644.2	571.7	497.9	412.9	362.7
C60.0	5661.0	5560.4	5421.7	5360.1	5242.1	4926.8	4593.0	4305.4	3937.1	3836.5
C90.0	743.1	679.2	610.6	555.0	505.3	446.4	401.0	335.2	283.2	257.7
C120.0	5930.7	5761.0	5498.8	5330.4	5137.8	4904.6	4592.3	4343.7	4003.8	3799.5
C150.0	1128.2	999.9	890.0	797.6	727.7	657.4	584.9	497.0	439.0	404.0
C180.0	6198.5	5972.6	5743.7	5522.3	5267.4	5050.8	4692.9	4287.0	4127.1	3948.1
C210.0	6628.1	6443.5	6101.6	5748.7	5489.4	5183.5	4926.2	4684.9	4438.0	4211.1
C240.0	1069.2	1009.4	963.8	934.1	896.5	851.0	787.6	722.7	650.0	570.4
C270.0	5510.4	5308.8	5126.1	4877.5	4609.0	4433.7	4216.7	4069.8	3851.4	3677.2
C300.0	1265.4	1192.5	1119.8	1062.4	1028.7	979.4	918.1	852.6	764.7	682.0
C330.0	6971.7	6780.4	6390.5	6209.6	6015.9	5624.7	5289.1	5042.2	4705.9	4440.0
C360.0	1549.3	1450.4	1387.0	1323.6	1263.9	1227.3	1187.1	1118.5	1048.8	965.1

## Light intensity data Unit[cd]

C\G	G90.0									
C0.0	871.4									
C30.0	341.5									
C60.0	3694.5									
C90.0	251.7									
C120.0	3748.9									
C150.0	384.3									
C180.0	3840.2									
C210.0	3955.5									
C240.0	469.1									
C270.0	3520.6									
C300.0	600.9									
C330.0	4176.4									
C360.0	871.4									

## Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	432239.50	0.00	0.00	0.00	0.00
0.0-1.0	423369.10	409.39	409.39	-40939.27	-40939.27
1.0-2.0	390205.10	1167.72	1577.11	-116771.91	-157711.18
2.0-3.0	341147.30	1749.16	3326.27	-174915.48	-332626.66
3.0-4.0	282118.30	2086.27	5412.54	-208626.90	-541253.61
4.0-5.0	218482.40	2153.56	7566.09	-215355.81	-756609.38
5.0-6.0	166378.50	2022.55	9588.64	-202254.64	-958864.06
6.0-7.0	125441.40	1811.32	11399.96	-181132.06	-1139996.00
7.0-8.0	96849.65	1590.89	12990.85	-159089.44	-1299085.45
8.0-9.0	76643.34	1406.07	14396.92	-140606.63	-1439691.99
9.0-10.0	62137.90	1255.92	15652.84	-125591.94	-1565283.98
10.0-11.0	51253.64	1133.02	16785.85	-113301.45	-1678585.35
11.0-12.0	42268.67	1022.33	17808.18	-102233.28	-1780818.36
12.0-13.0	35886.27	927.50	18735.69	-92750.22	-1873568.75
13.0-14.0	30217.39	846.12	19581.81	-84612.12	-1958180.86
14.0-15.0	26313.97	776.09	20357.90	-77608.77	-2035789.84
15.0-16.0	23718.33	733.11	21091.01	-73311.32	-2109101.17
16.0-17.0	21455.51	703.48	21794.49	-70347.81	-2179449.22
17.0-18.0	19664.39	677.98	22472.47	-67797.81	-2247247.07
18.0-19.0	18131.15	657.57	23130.04	-65756.52	-2313003.71
19.0-20.0	16713.91	637.76	23767.80	-63776.12	-2376779.69
20.0-21.0	15208.30	612.97	24380.77	-61297.11	-2438076.95
21.0-22.0	12612.49	559.07	24939.84	-55907.06	-2493983.98
22.0-23.0	11241.08	500.51	25440.35	-50051.24	-2544035.16
23.0-24.0	10702.75	479.77	25920.13	-47977.10	-2592012.50
24.0-25.0	10101.40	473.04	26393.17	-47304.11	-2639316.60
25.0-26.0	9626.26	465.67	26858.84	-46567.38	-2685883.79
26.0-27.0	9414.84	465.84	27324.69	-46584.47	-2732468.55
27.0-28.0	9173.82	470.63	27795.31	-47062.54	-2779531.05
28.0-29.0	8993.03	475.30	28270.61	-47529.61	-2827060.74
29.0-30.0	8686.00	477.33	28747.94	-47733.04	-2874793.75
30.0-31.0	8315.95	473.14	29221.08	-47313.96	-2922107.81
31.0-32.0	7908.28	464.81	29685.88	-46480.51	-2968588.28
32.0-33.0	7445.89	452.34	30138.22	-45233.94	-3013822.27
33.0-34.0	6941.44	435.40	30573.63	-43540.29	-3057362.70
34.0-35.0	6486.17	417.01	30990.64	-41701.18	-3099063.87
35.0-36.0	6011.69	397.93	31388.57	-39793.43	-3138857.23
36.0-37.0	5633.89	379.81	31768.39	-37981.34	-3176838.87
37.0-38.0	5286.86	364.52	32132.91	-36451.97	-3213290.82
38.0-39.0	5046.75	352.71	32485.63	-35271.43	-3248562.50
39.0-40.0	4886.04	346.42	32832.04	-34642.03	-3283204.30

## Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	4765.52	343.69	33175.73	-34368.74	-3317572.66
41.0-42.0	4653.16	342.20	33517.92	-34219.70	-3351792.19
42.0-43.0	4583.59	342.16	33860.08	-34215.62	-3386008.20
43.0-44.0	4522.93	343.71	34203.79	-34370.56	-3420378.91
44.0-45.0	4484.52	346.17	34549.95	-34616.71	-3454995.31
45.0-46.0	4512.47	351.85	34901.81	-35185.31	-3490180.86
46.0-47.0	4587.60	361.93	35263.74	-36193.34	-3526373.83
47.0-48.0	4708.77	375.81	35639.54	-37580.78	-3563954.30
48.0-49.0	4839.52	392.11	36031.65	-39210.60	-3603164.84
49.0-50.0	4936.37	407.59	36439.24	-40759.01	-3643923.83
50.0-51.0	5042.22	422.18	36861.41	-42217.93	-3686141.41
51.0-52.0	5161.86	437.86	37299.28	-43786.47	-3729928.13
52.0-53.0	5299.03	455.05	37754.33	-45504.78	-3775433.20
53.0-54.0	5374.28	470.43	38224.77	-47043.49	-3822476.56
54.0-55.0	5395.23	480.73	38705.50	-48073.26	-3870550.00
55.0-56.0	5537.88	494.04	39199.54	-49403.68	-3919953.52
56.0-57.0	5750.32	516.12	39715.65	-51612.27	-3971564.84
57.0-58.0	5917.01	539.54	40255.19	-53953.81	-4025519.14
58.0-59.0	6186.48	565.85	40821.04	-56584.55	-4082103.91
59.0-60.0	6511.20	599.88	41420.92	-59988.24	-4142092.19
60.0-61.0	6872.02	638.67	42059.59	-63867.35	-4205959.38
61.0-62.0	7135.25	674.95	42734.55	-67495.30	-4273455.08
62.0-63.0	7531.27	713.31	43447.87	-71330.87	-4344786.72
63.0-64.0	7893.96	756.91	44204.78	-75691.05	-4420477.73
64.0-65.0	8217.69	797.35	45002.13	-79735.19	-4500212.50
65.0-66.0	8535.81	835.89	45838.01	-83589.22	-4583801.17
66.0-67.0	9385.61	901.14	46739.14	-90113.93	-4673914.45
67.0-68.0	10075.98	985.86	47725.00	-98586.01	-4772500.00
68.0-69.0	9438.80	995.55	48720.55	-99555.05	-4872055.08
69.0-70.0	8750.07	934.15	49654.70	-93414.65	-4965469.92
70.0-71.0	7843.24	857.63	50512.34	-85763.24	-5051233.59
71.0-72.0	7190.50	781.71	51294.05	-78170.92	-5129404.69
72.0-73.0	6060.13	692.91	51986.95	-69291.11	-5198694.92
73.0-74.0	5259.59	595.11	52582.06	-59510.60	-5258205.86
74.0-75.0	5066.60	545.60	53127.66	-54559.76	-5312765.63
75.0-76.0	4765.70	521.94	53649.60	-52193.71	-5364959.77
76.0-77.0	4372.17	487.19	54136.79	-48718.95	-5413679.30
77.0-78.0	4049.65	450.83	54587.63	-45082.59	-5458762.50
78.0-79.0	3803.74	421.96	55009.59	-42196.04	-5500958.98
79.0-80.0	3641.15	401.37	55410.96	-40137.13	-5541096.09
80.0-81.0	3510.40	386.74	55797.71	-38674.48	-5579770.70

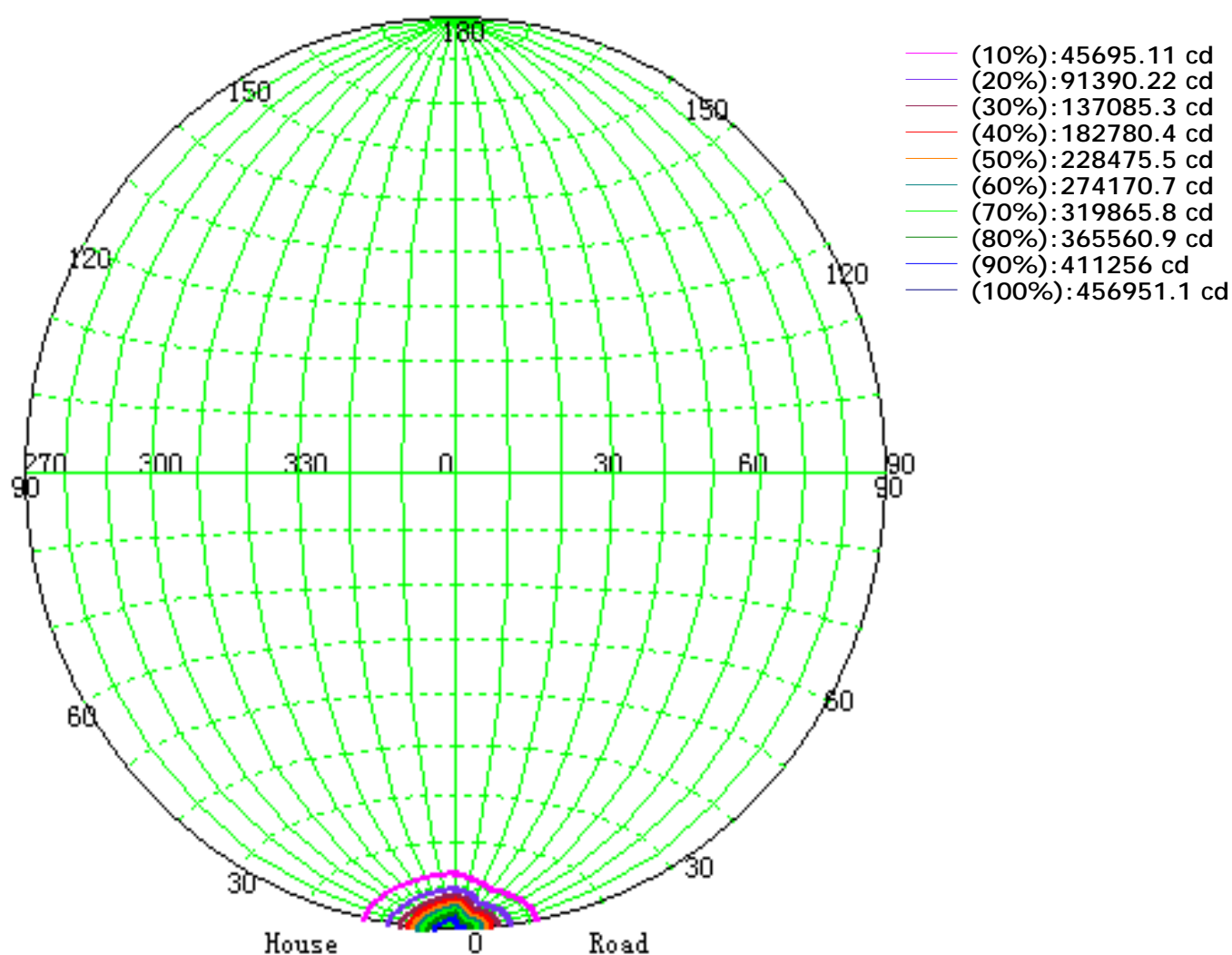


## Zonal Luminous Flux Data

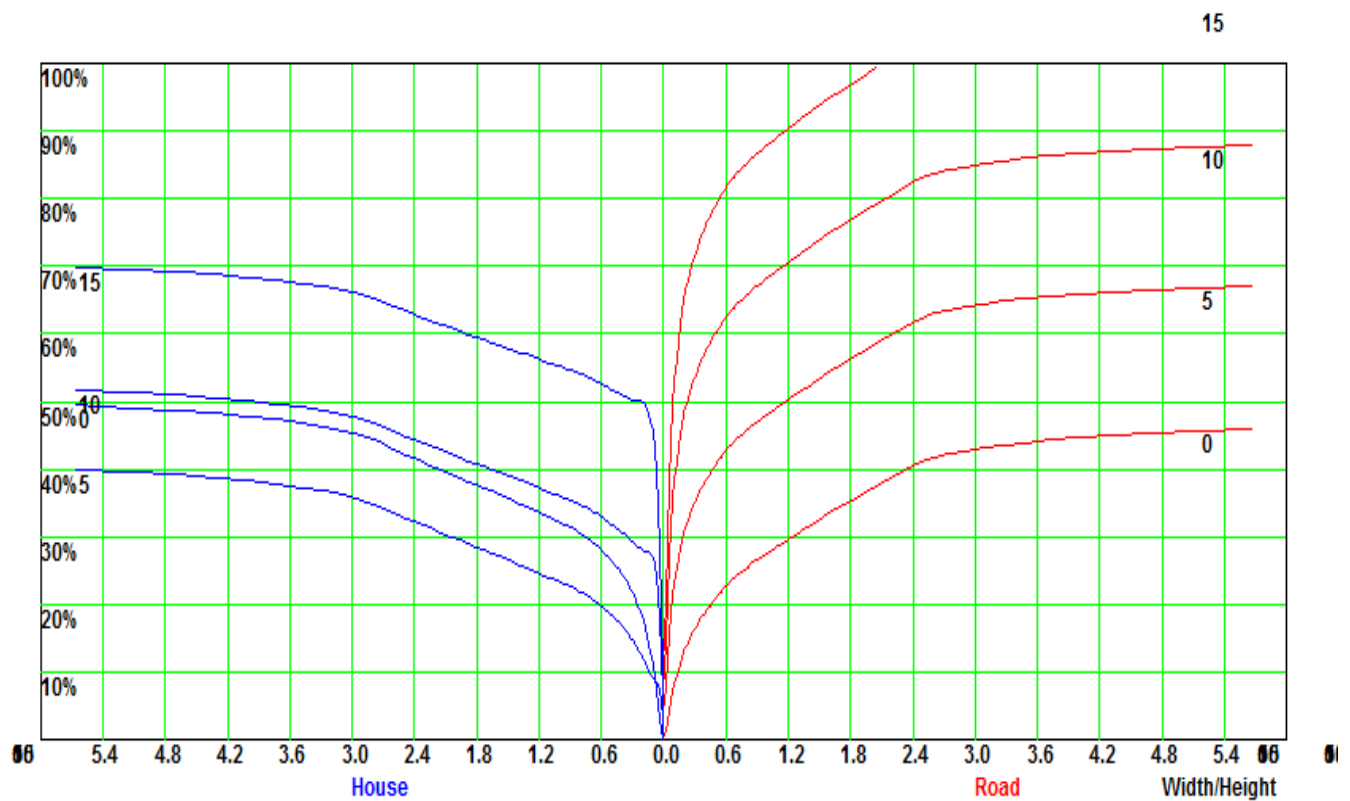
[illegible]



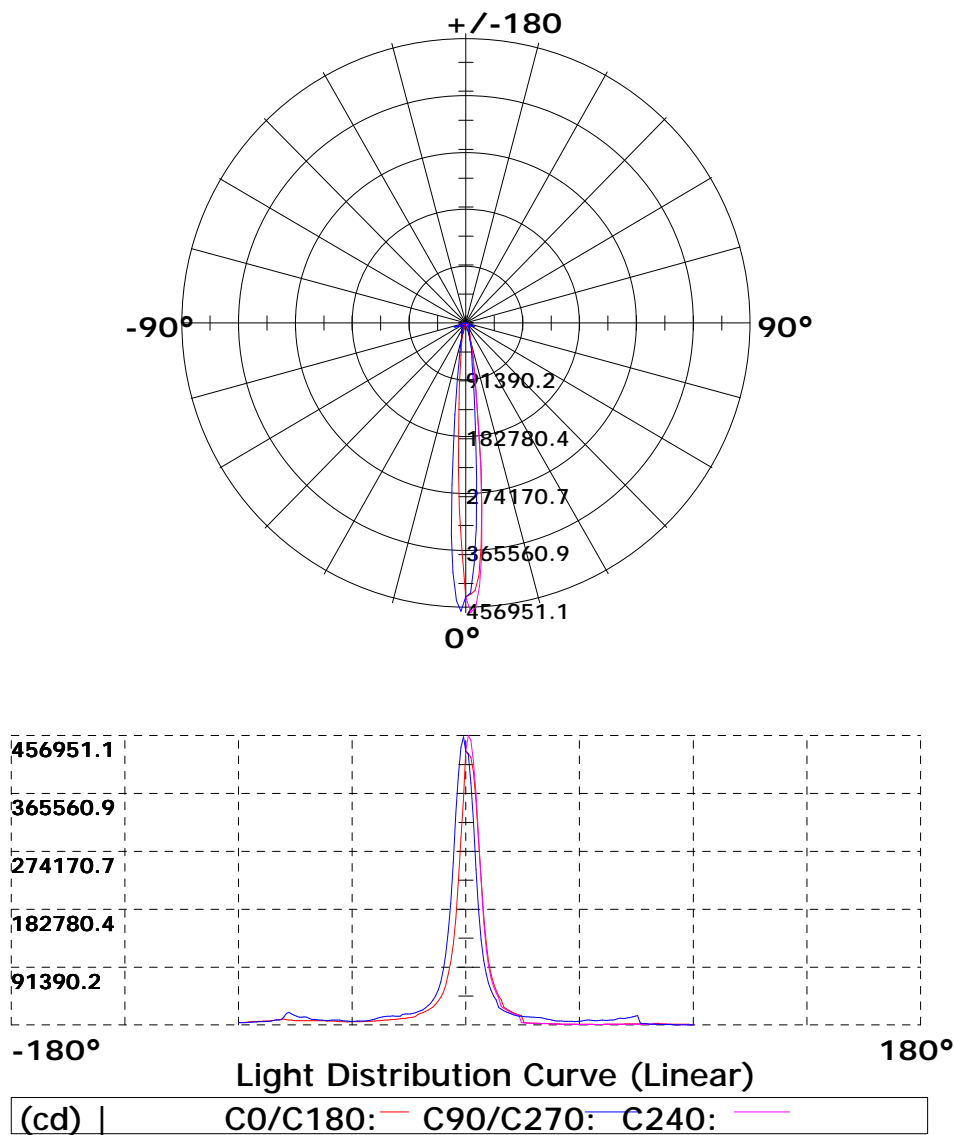
## Iso-Candela [cd]

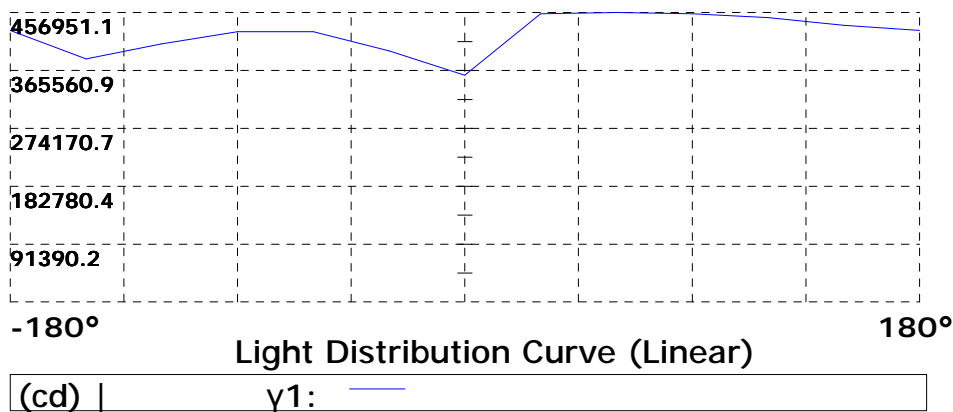
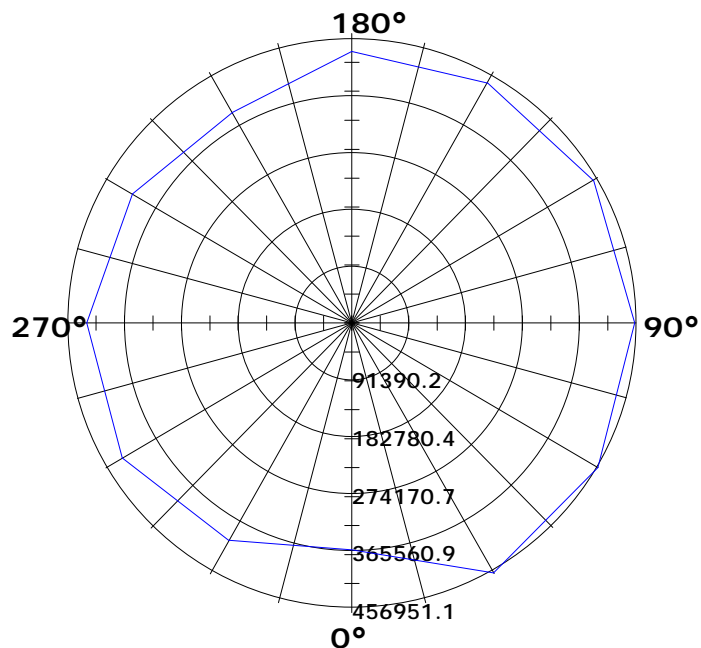


## Coefficient Utilization Curve

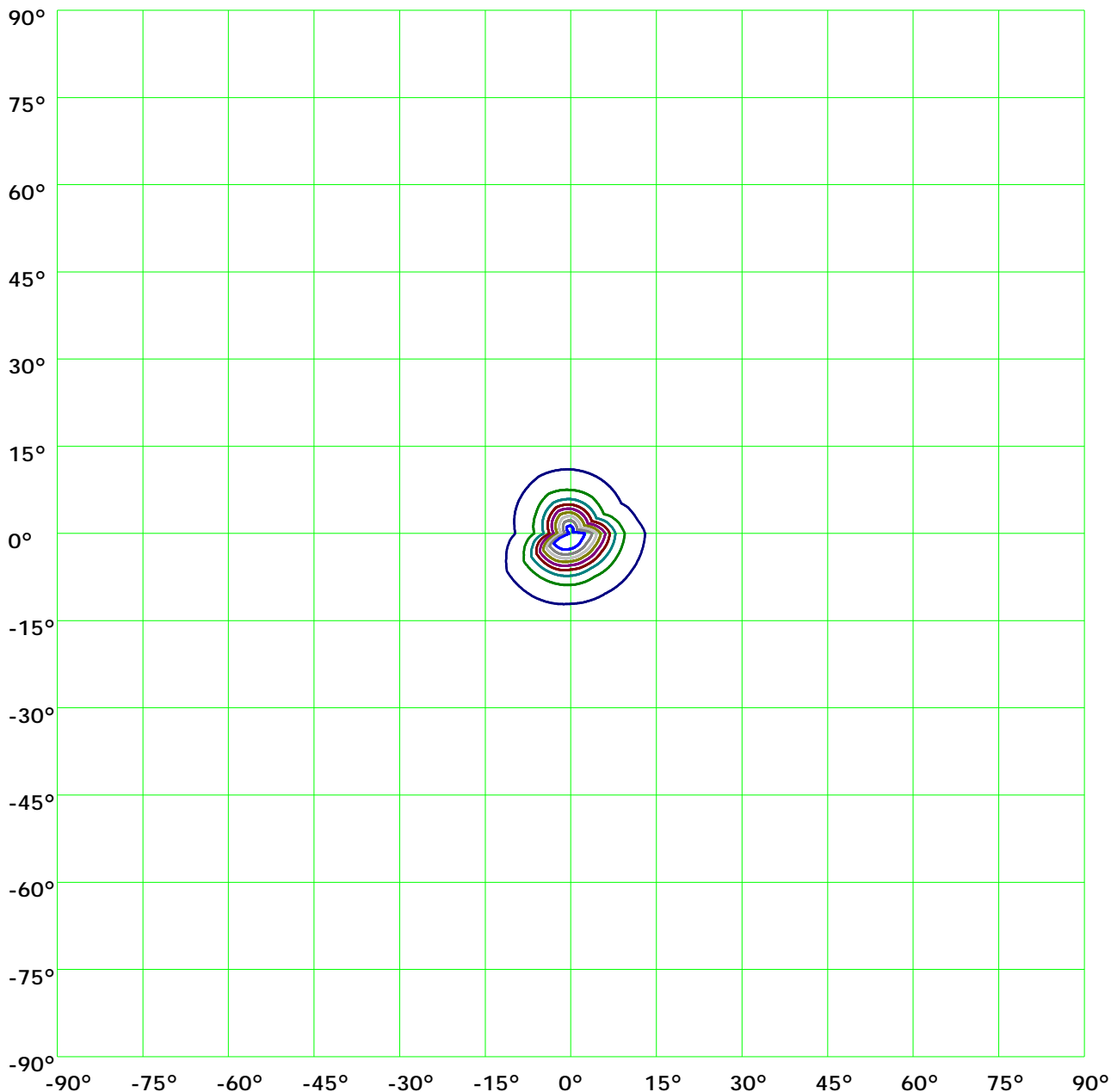


Light Distribution Curve [Unit: cd]



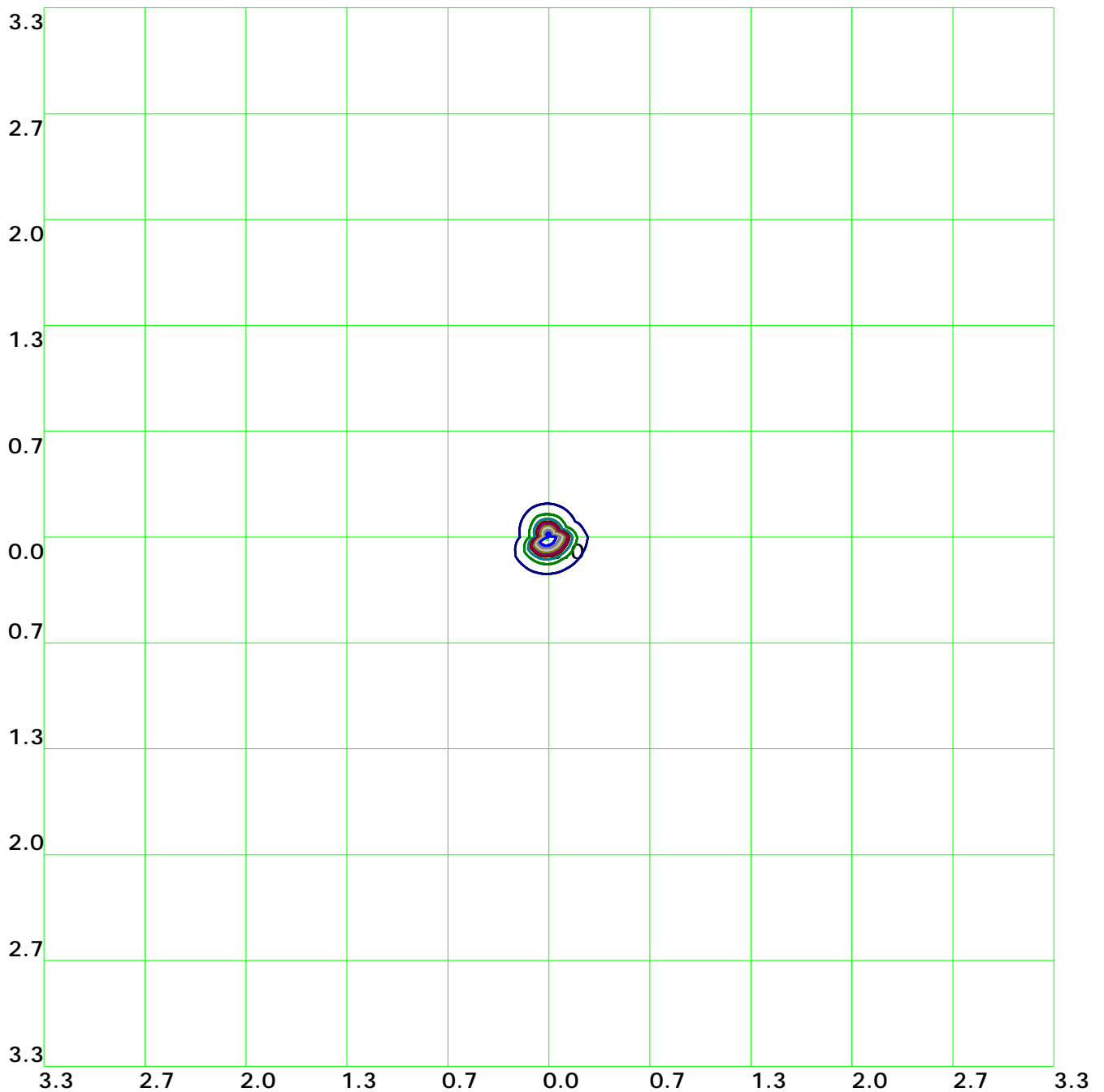


## Isocandela(rectangle)



(10%): 45695.1cd (20%): 91390.2cd (30%): 137085.3cd (40%): 182780.4cd  
(50%): 228475.5cd (60%): 274170.7cd (70%): 319865.8cd (80%): 365560.9cd  
(90%): 411256.cd (100%): 456951.1cd

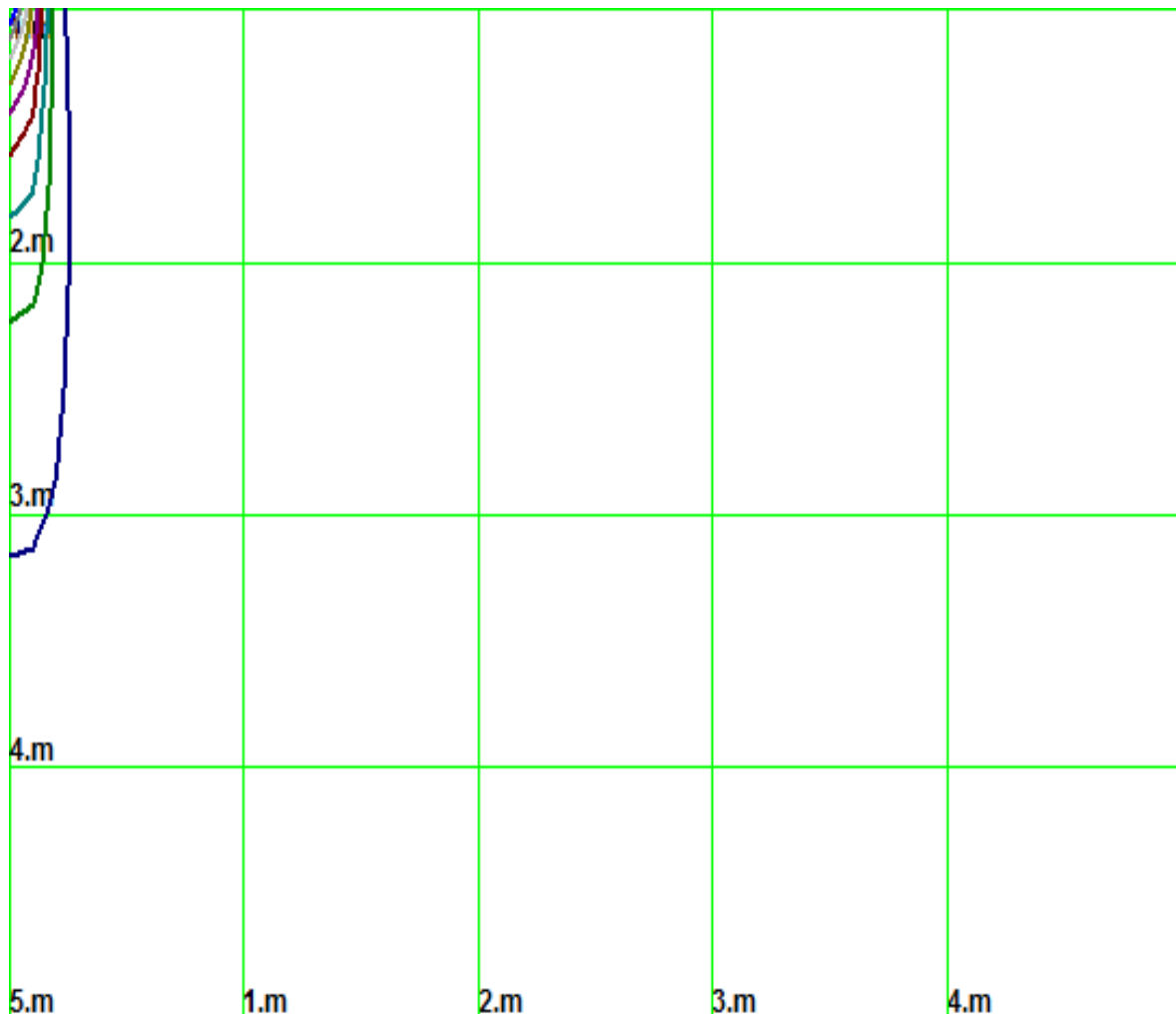
## Isolx curve



Height: 1 m

(10%): 45695.1lx (20%): 91390.2lx (30%): 137085.3lx (40%): 182780.4lx  
(50%): 228475.5lx (60%): 274170.7lx (70%): 319865.8lx (80%): 365560.9lx  
(90%): 411256.1lx (100%): 456494.2lx

## Space Isolx Curve



(10%): 45695.1lx    (20%): 91390.2lx    (30%): 137085.3lx    (40%): 182780.4lx  
 (50%): 228475.5lx    (60%): 274170.7lx    (70%): 319865.8lx    (80%): 365560.9lx  
 (90%): 411256.1lx    (100%): 456494.2lx



## Luminance Limiting Curve

Diameter: 200mm

Length: 200mm

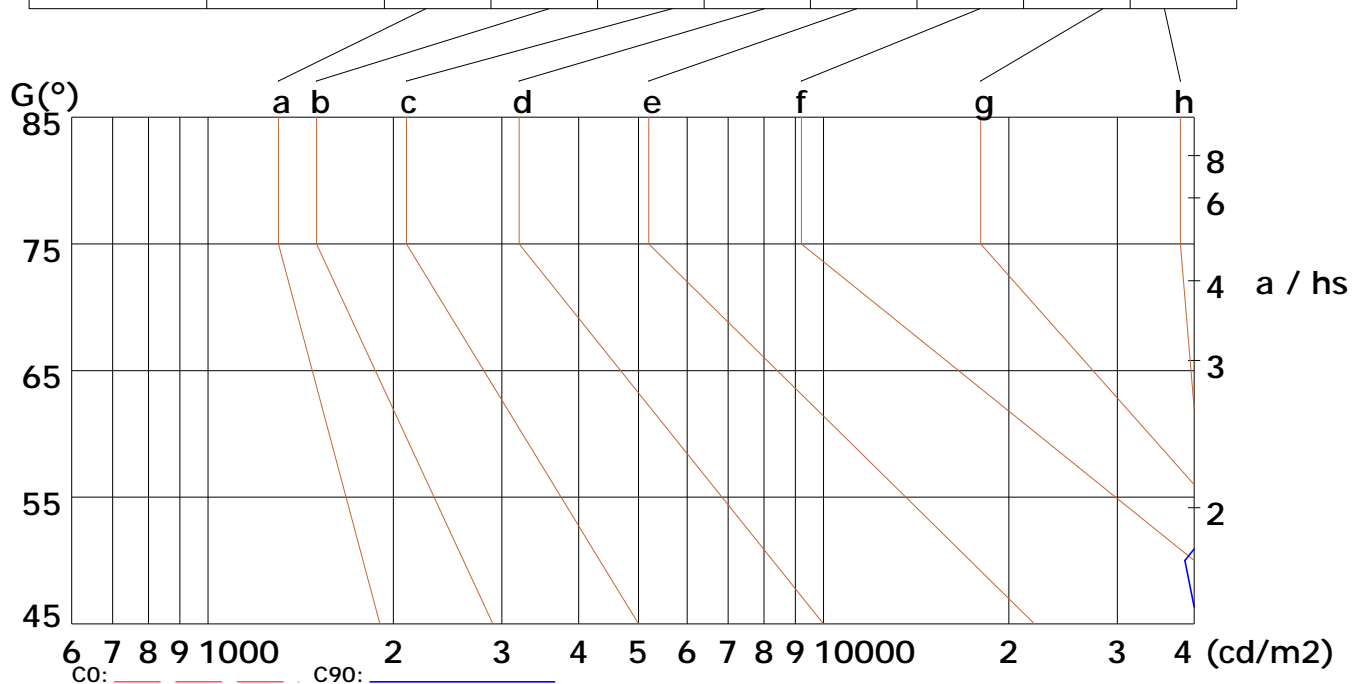
Width: 200mm

Height: 100mm

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

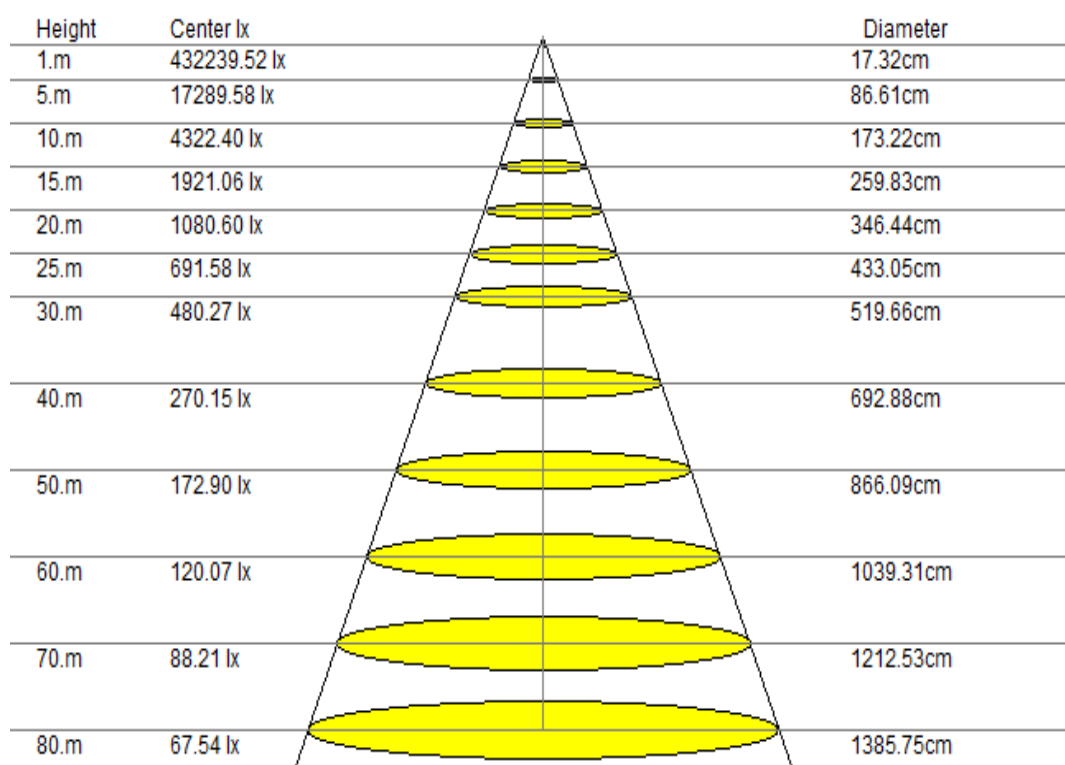
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	210132	27943	30997	49229	61777	26473	10772	40697	81280
C90	40493	38654	45997	76329	10132	71209	20794	52305	35205

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: 9.90°(50%Imax)

[illegible]

## Indoor Budgetary Estimate Chart

