

Luminaire Property

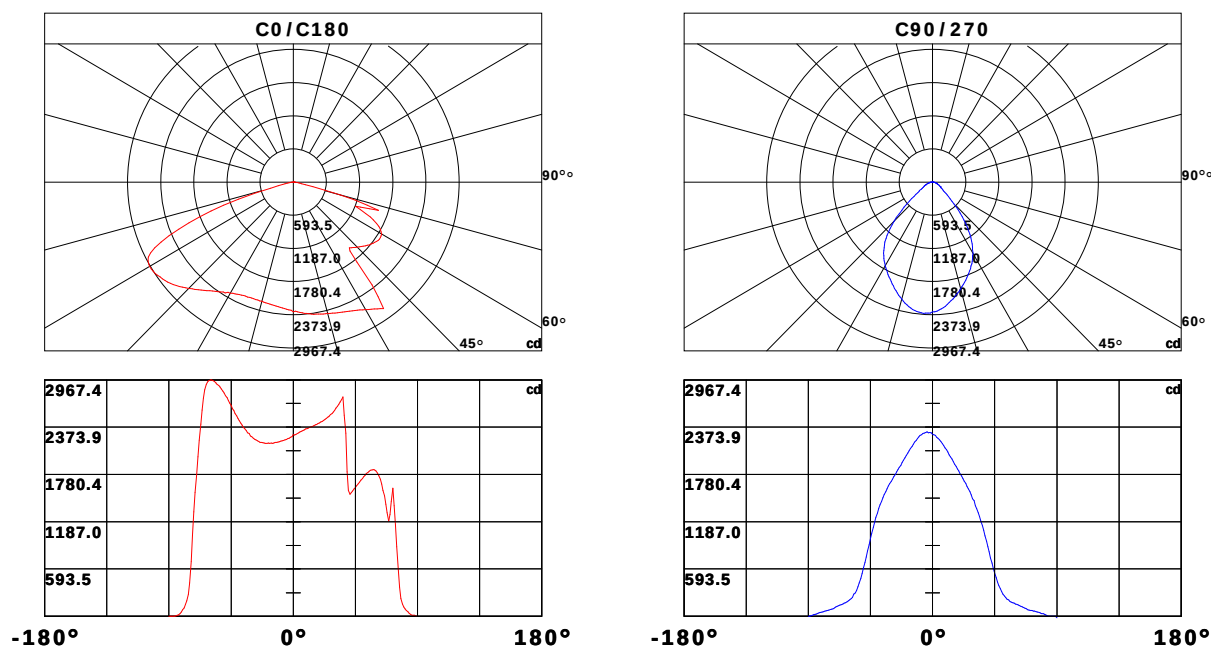
Luminaire Description: T13-50W
Luminaire Category:
Lamp Category:
Lamp Description:
Number of Lamp:
Lamp Lumens(lm): 5480.84
Luminous Length(m): 0.0
Luminous Width(m): 0.0
Luminous Height(m): 0.0

Voltage: 0.0 V
Current: 0.0 A
Power: 0.0 W
Power Factor: 0.000
Test Lab:
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Measurement Flux: 5480.84 lm
Efficiency: NA...!
Central Intensity: 2281.117cd
Max. Intensity: 2967.402cd
Field Angle(10%Imax): Left: -16.9 Right:136.5

Max.Intensity Angle: C:180.0 G:59.0
Beam Angle(50%Imax): L: -12.3 R:131.6
Luminaire Efficacy Rating(LER) : 100.00%
Upward Ratio: 0.0%
Downward Ratio: 100.0%
Beamwidth(50%Imax): C0/180=127.62 C90/270=92.96



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	2281.1	2272.7	2283.7	2293.1	2301.6	2315.2	2322.7	2331.5	2340.3	2351.7
C30.0	2281.1	2314.2	2319.4	2326.0	2329.3	2332.4	2334.2	2338.3	2334.5	2335.9
C60.0	2281.1	2295.7	2295.4	2290.0	2280.4	2271.8	2261.7	2248.1	2235.9	2217.4
C90.0	2281.1	2277.7	2269.0	2248.2	2236.3	2214.5	2193.2	2165.9	2140.6	2113.2
C120.0	2281.1	2253.2	2237.4	2210.5	2192.4	2173.7	2143.1	2122.5	2093.6	2067.4
C150.0	2281.1	2246.5	2229.4	2213.9	2196.7	2180.9	2162.0	2146.3	2124.0	2111.7
C180.0	2281.1	2253.6	2246.7	2235.7	2230.7	2218.6	2212.8	2206.4	2200.7	2198.3
C210.0	2281.1	2299.0	2292.3	2282.4	2273.9	2263.4	2255.0	2243.2	2234.7	2223.9
C240.0	2281.1	2299.9	2293.4	2293.6	2280.7	2275.6	2265.7	2251.7	2237.0	2218.2
C270.0	2281.1	2301.7	2305.8	2305.4	2313.3	2307.9	2299.2	2294.1	2279.6	2269.3
C300.0	2281.1	2283.8	2297.9	2302.1	2315.7	2317.0	2322.4	2326.8	2322.8	2322.4
C330.0	2281.1	2277.1	2291.8	2301.2	2317.5	2330.4	2343.3	2351.5	2357.0	2367.7
C360.0	2281.1	2272.7	2283.7	2293.1	2301.6	2315.2	2322.7	2331.5	2340.3	2351.7
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	2356.3	2364.4	2370.2	2379.6	2384.6	2392.6	2401.5	2409.0	2419.6	2427.1
C30.0	2331.6	2331.7	2326.6	2323.9	2320.2	2313.2	2308.4	2302.7	2297.1	2287.3
C60.0	2201.7	2181.7	2165.3	2142.5	2120.5	2101.3	2078.2	2059.4	2033.9	2010.0
C90.0	2088.7	2060.3	2027.0	2001.0	1971.4	1943.1	1910.4	1881.5	1850.4	1824.7
C120.0	2040.2	2011.4	1983.5	1949.4	1927.1	1907.6	1871.6	1848.6	1808.9	1791.9
C150.0	2090.7	2075.1	2060.7	2043.8	2027.5	2012.0	1994.5	1981.3	1966.0	1948.7
C180.0	2189.9	2185.6	2181.3	2180.2	2173.6	2170.5	2171.9	2169.8	2172.6	2168.9
C210.0	2212.1	2203.4	2189.5	2178.9	2164.9	2153.8	2139.2	2128.7	2117.0	2103.1
C240.0	2199.3	2179.2	2159.6	2133.2	2112.3	2086.1	2059.4	2038.5	2011.8	1996.6
C270.0	2249.1	2230.7	2206.0	2186.4	2159.3	2130.4	2105.2	2077.4	2048.0	2018.0
C300.0	2314.1	2307.0	2298.4	2287.0	2271.8	2257.9	2241.3	2227.6	2201.2	2182.1
C330.0	2370.9	2379.6	2387.0	2390.3	2391.1	2398.5	2399.3	2401.6	2403.6	2404.9
C360.0	2356.3	2364.4	2370.2	2379.6	2384.6	2392.6	2401.5	2409.0	2419.6	2427.1
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	2438.0	2446.9	2461.1	2471.1	2485.4	2498.3	2511.2	2530.8	2546.0	2566.6
C30.0	2283.8	2275.6	2270.3	2250.2	2253.8	2249.3	2243.6	2235.3	2228.2	2220.8
C60.0	1984.4	1963.5	1936.0	1908.5	1887.4	1856.1	1835.6	1801.6	1770.0	1744.2
C90.0	1790.0	1760.9	1729.5	1697.1	1666.4	1629.4	1599.1	1565.5	1525.6	1475.6
C120.0	1765.8	1742.0	1711.6	1688.7	1659.0	1634.1	1608.7	1576.4	1549.7	1516.5
C150.0	1933.4	1919.6	1902.6	1891.7	1877.0	1861.3	1855.2	1841.1	1830.1	1814.6
C180.0	2170.4	2174.9	2178.7	2180.9	2184.0	2194.7	2201.7	2213.7	2223.7	2235.9
C210.0	2092.2	2076.4	2065.3	2051.8	2039.5	2026.9	2015.5	2001.2	1990.0	1980.0
C240.0	1947.8	1936.7	1898.0	1873.9	1848.1	1823.4	1797.0	1773.3	1750.7	1727.2
C270.0	1988.5	1956.5	1928.0	1894.3	1868.3	1839.7	1812.4	1782.0	1751.8	1721.7
C300.0	2160.7	2146.1	2116.0	2094.7	2070.3	2052.6	2026.1	2002.0	1977.5	1957.5
C330.0	2407.9	2408.9	2408.5	2410.8	2412.0	2409.7	2427.9	2413.7	2417.9	2406.7
C360.0	2438.0	2446.9	2461.1	2471.1	2485.4	2498.3	2511.2	2530.8	2546.0	2566.6

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	2585.5	2610.3	2634.3	2661.3	2689.6	2719.6	2753.4	2525.5	2297.7	1811.8
C30.0	2214.2	2206.0	2196.3	2190.8	2182.2	2173.8	2161.3	2150.0	2133.5	2119.6
C60.0	1710.9	1670.7	1631.9	1591.0	1548.8	1497.3	1449.6	1391.2	1338.1	1271.9
C90.0	1452.3	1387.9	1349.5	1301.1	1250.0	1195.7	1136.1	1076.9	1008.3	942.1
C120.0	1486.1	1449.3	1413.2	1374.1	1334.2	1284.1	1238.1	1187.8	1128.6	1071.0
C150.0	1801.8	1129.8	934.4	925.5	917.0	909.8	898.8	891.6	877.1	866.3
C180.0	2253.7	2262.2	2296.7	2305.4	2331.4	2352.8	2372.5	2398.1	2424.6	2456.3
C210.0	1966.9	1957.5	1946.4	1938.8	1928.3	1920.8	1912.1	1904.2	1895.0	1882.3
C240.0	1702.6	1676.7	1653.6	1626.4	1600.3	1570.7	1539.4	1510.4	1474.2	1436.4
C270.0	1694.2	1663.6	1635.3	1598.7	1563.1	1526.4	1487.1	1444.2	1400.0	1354.3
C300.0	1937.0	1908.5	1884.3	1855.2	1827.2	1792.9	1763.9	1729.7	1688.3	1647.5
C330.0	2406.5	2404.5	2402.7	2405.5	2401.8	2402.4	2400.3	2403.7	2401.6	2399.6
C360.0	2585.5	2610.3	2634.3	2661.3	2689.6	2719.6	2753.4	2525.5	2297.7	1811.8
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	1578.0	1529.4	1552.4	1573.1	1597.7	1617.2	1640.1	1663.9	1684.4	1708.4
C30.0	2099.3	2078.2	2049.7	2019.1	1984.4	1947.6	1898.7	1848.7	1789.2	1726.0
C60.0	1206.6	1135.1	1067.3	992.9	918.1	839.9	769.7	694.6	627.3	555.8
C90.0	873.0	806.8	733.0	668.4	601.3	543.2	486.3	430.3	385.7	344.3
C120.0	1006.7	943.0	872.2	805.0	735.6	670.6	609.7	542.8	487.5	433.6
C150.0	850.2	840.0	819.9	813.1	775.0	763.3	730.7	700.6	670.4	631.3
C180.0	2482.9	2513.8	2545.8	2584.2	2606.8	2646.8	2675.4	2709.6	2743.0	2769.6
C210.0	1872.2	1860.2	1845.2	1826.4	1809.4	1787.9	1762.6	1730.5	1700.3	1663.2
C240.0	1391.5	1347.9	1297.0	1246.0	1181.3	1119.0	1047.0	617.0	473.6	428.3
C270.0	1295.0	1241.3	1178.5	1113.0	1042.4	973.5	898.3	820.2	745.4	674.5
C300.0	1598.5	1547.3	946.2	743.3	708.5	677.6	635.6	597.9	558.8	511.6
C330.0	2399.8	2397.9	2398.1	2390.5	2385.0	2373.9	2365.3	2346.2	2324.8	2301.6
C360.0	1578.0	1529.4	1552.4	1573.1	1597.7	1617.2	1640.1	1663.9	1684.4	1708.4
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	1729.5	1753.0	1769.7	1790.5	1804.4	1822.8	1830.5	1838.6	1841.1	1836.2
C30.0	1643.0	1572.9	1493.6	1384.5	1282.1	1183.3	1074.7	968.9	859.4	755.9
C60.0	493.1	441.6	387.3	345.2	305.7	278.6	254.6	231.5	212.8	197.6
C90.0	310.8	278.7	254.3	233.7	216.6	203.5	188.0	178.9	169.3	164.3
C120.0	386.8	342.1	310.8	276.6	251.2	228.6	211.8	199.3	182.0	170.6
C150.0	594.2	554.6	514.3	471.2	428.3	386.4	346.3	306.4	268.0	233.8
C180.0	2801.2	2827.0	2853.5	2875.3	2897.1	2909.5	2930.4	2945.4	2955.8	2967.4
C210.0	1617.7	1563.8	1523.9	1445.8	1378.9	1301.8	1220.9	1129.8	1038.0	951.2
C240.0	389.4	348.6	310.7	269.3	235.6	206.5	182.2	158.6	137.8	123.0
C270.0	604.9	534.2	473.6	419.8	369.8	326.3	292.8	277.9	236.9	222.1
C300.0	471.0	421.8	382.8	342.6	301.7	263.9	233.3	206.8	180.0	161.3
C330.0	2268.0	2233.5	2187.1	2134.6	2073.0	2004.4	1923.1	1832.1	1729.4	1625.3
C360.0	1729.5	1753.0	1769.7	1790.5	1804.4	1822.8	1830.5	1838.6	1841.1	1836.2

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	1823.9	1797.4	1766.2	1721.2	1661.1	1582.1	1511.2	1407.7	1299.8	1194.5
C30.0	655.0	566.9	483.5	416.1	353.7	305.1	266.4	229.7	203.7	179.7
C60.0	186.9	173.0	164.7	152.4	151.0	140.5	141.6	137.8	115.6	115.3
C90.0	153.3	148.6	141.3	136.3	126.7	119.6	111.1	100.4	92.0	82.1
C120.0	159.0	153.5	142.2	135.0	126.7	124.6	114.8	107.7	100.8	96.4
C150.0	238.5	267.0	295.5	255.0	225.1	199.9	176.3	156.9	139.0	127.6
C180.0	2965.7	2959.5	2943.0	2908.9	2842.8	2737.5	2589.4	2411.3	2208.7	1999.4
C210.0	858.5	763.4	677.2	587.1	513.5	434.6	373.7	313.6	269.7	230.6
C240.0	112.1	101.6	92.3	82.1	78.3	72.5	68.8	62.5	58.5	55.9
C270.0	206.6	192.4	181.3	171.2	164.1	156.2	147.7	140.3	134.5	126.9
C300.0	140.6	129.3	115.8	105.0	92.9	92.3	83.5	80.6	75.0	70.3
C330.0	1509.2	1382.2	1251.6	1115.0	986.9	859.7	739.0	625.1	525.2	440.0
C360.0	1823.9	1797.4	1766.2	1721.2	1661.1	1582.1	1511.2	1407.7	1299.8	1194.5
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	1280.8	1443.6	1606.3	1387.9	1149.9	873.4	582.9	362.0	221.6	155.2
C30.0	160.4	143.6	131.1	116.9	107.9	101.0	90.8	84.1	71.6	63.8
C60.0	108.6	101.6	93.9	88.4	81.5	74.2	64.3	60.6	48.5	45.1
C90.0	79.1	74.9	71.4	63.3	63.2	56.6	52.7	48.0	40.0	34.2
C120.0	94.0	84.3	76.4	70.3	68.1	57.4	49.4	48.8	42.2	38.0
C150.0	114.2	106.3	94.0	87.4	78.4	73.0	66.8	56.6	48.9	42.5
C180.0	1778.8	1554.4	1310.4	1023.7	687.6	418.8	276.8	192.6	149.1	107.7
C210.0	191.8	170.0	146.3	134.3	117.9	104.5	98.4	87.9	77.6	74.0
C240.0	52.7	50.8	44.0	42.0	36.2	32.4	28.5	26.0	23.6	19.2
C270.0	117.1	105.6	94.6	89.8	83.5	78.4	71.7	69.4	64.1	58.1
C300.0	66.6	64.4	60.6	52.1	52.0	45.3	43.6	38.8	33.4	30.1
C330.0	367.2	310.7	264.1	229.0	198.0	170.4	149.7	132.1	118.8	103.4
C360.0	1280.8	1443.6	1606.3	1387.9	1149.9	873.4	582.9	362.0	221.6	155.2
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	117.8	95.6	72.7	57.3	39.1	27.5	14.8	14.3	13.9	1.1
C30.0	53.5	46.8	37.6	31.4	21.4	13.7	7.0	0.0	0.0	0.0
C60.0	39.6	29.0	24.6	20.1	13.2	7.0	0.0	0.0	0.0	0.0
C90.0	31.2	26.0	18.0	5.3	0.0	0.0	0.0	0.0	0.0	0.0
C120.0	29.6	21.2	18.0	14.1	9.7	0.0	0.0	0.0	0.0	0.0
C150.0	39.0	29.0	24.1	17.0	11.2	7.6	0.0	0.0	0.0	0.0
C180.0	81.9	52.8	34.1	18.3	11.3	2.8	0.0	0.0	0.0	0.0
C210.0	63.0	54.3	49.0	38.3	33.5	29.2	25.8	15.8	11.3	4.8
C240.0	15.6	12.0	9.7	5.7	5.4	0.0	0.0	0.0	0.0	0.0
C270.0	53.6	47.7	43.4	37.2	30.4	24.9	20.7	14.3	8.4	1.9
C300.0	26.9	25.8	19.1	18.0	12.5	8.1	3.6	2.3	2.1	2.0
C330.0	92.4	83.0	71.1	62.1	51.8	44.2	36.0	29.4	18.7	10.8
C360.0	117.8	95.6	72.7	57.3	39.1	27.5	14.8	14.3	13.9	1.1

Light intensity data Unit[cd]

C\G	G90.0									
C0.0	-3.0									
C30.0	-12.0									
C60.0	0.0									
C90.0	-20.2									
C120.0	0.0									
C150.0	-14.3									
C180.0	0.0									
C210.0	0.0									
C240.0	-10.1									
C270.0	0.0									
C300.0	-8.2									
C330.0	3.6									
C360.0	-3.0									

Zonal Luminous Flux Data

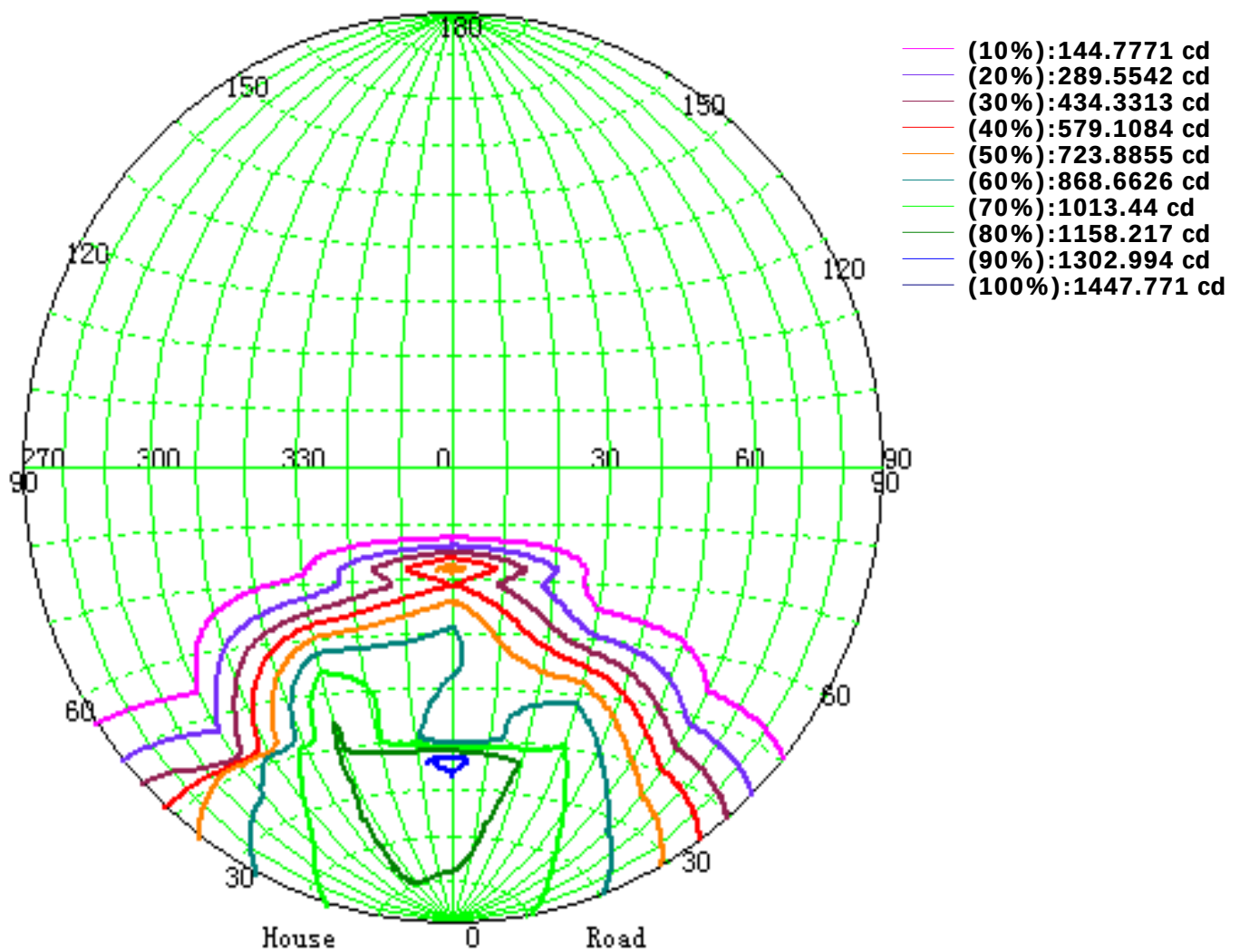
Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	2281.12	0.00	0.00	0.00	0.00
0.0-1.0	2281.25	2.18	2.18	0.04	0.04
1.0-2.0	2280.18	6.55	8.73	0.12	0.16
2.0-3.0	2275.18	10.89	19.62	0.20	0.36
3.0-4.0	2272.38	15.22	34.85	0.28	0.64
4.0-5.0	2266.79	19.53	54.37	0.36	0.99
5.0-6.0	2259.61	23.79	78.16	0.43	1.43
6.0-7.0	2252.19	28.00	106.17	0.51	1.94
7.0-8.0	2241.72	32.16	138.33	0.59	2.52
8.0-9.0	2233.09	36.27	174.59	0.66	3.19
9.0-10.0	2220.40	40.30	214.90	0.74	3.92
10.0-11.0	2209.18	44.26	259.16	0.81	4.73
11.0-12.0	2196.26	48.16	307.32	0.88	5.61
12.0-13.0	2183.02	51.97	359.29	0.95	6.56
13.0-14.0	2168.70	55.70	414.99	1.02	7.57
14.0-15.0	2155.59	59.37	474.35	1.08	8.65
15.0-16.0	2140.09	62.94	537.30	1.15	9.80
16.0-17.0	2127.18	66.45	603.75	1.21	11.02
17.0-18.0	2110.83	69.88	673.63	1.27	12.29
18.0-19.0	2096.95	73.21	746.83	1.34	13.63
19.0-20.0	2080.25	76.45	823.29	1.39	15.02
20.0-21.0	2067.33	79.64	902.93	1.45	16.47
21.0-22.0	2050.47	82.75	985.68	1.51	17.98
22.0-23.0	2034.49	85.71	1071.39	1.56	19.55
23.0-24.0	2020.92	88.67	1160.06	1.62	21.17
24.0-25.0	2006.30	91.57	1251.63	1.67	22.84
25.0-26.0	1994.51	94.44	1346.07	1.72	24.56
26.0-27.0	1978.06	97.19	1443.26	1.77	26.33
27.0-28.0	1963.43	99.79	1543.05	1.82	28.15
28.0-29.0	1947.28	102.32	1645.36	1.87	30.02
29.0-30.0	1934.31	104.80	1750.16	1.91	31.93
30.0-31.0	1860.58	105.61	1855.77	1.93	33.86
31.0-32.0	1831.54	105.77	1961.54	1.93	35.79
32.0-33.0	1814.47	107.41	2068.96	1.96	37.75
33.0-34.0	1797.81	109.32	2178.28	1.99	39.74
34.0-35.0	1778.86	111.08	2289.35	2.03	41.77
35.0-36.0	1759.39	112.66	2402.01	2.06	43.83
36.0-37.0	1717.78	113.41	2515.42	2.07	45.89
37.0-38.0	1672.26	113.15	2628.57	2.06	47.96
38.0-39.0	1604.93	111.86	2740.43	2.04	50.00
39.0-40.0	1554.48	110.19	2850.62	2.01	52.01

Zonal Luminous Flux Data

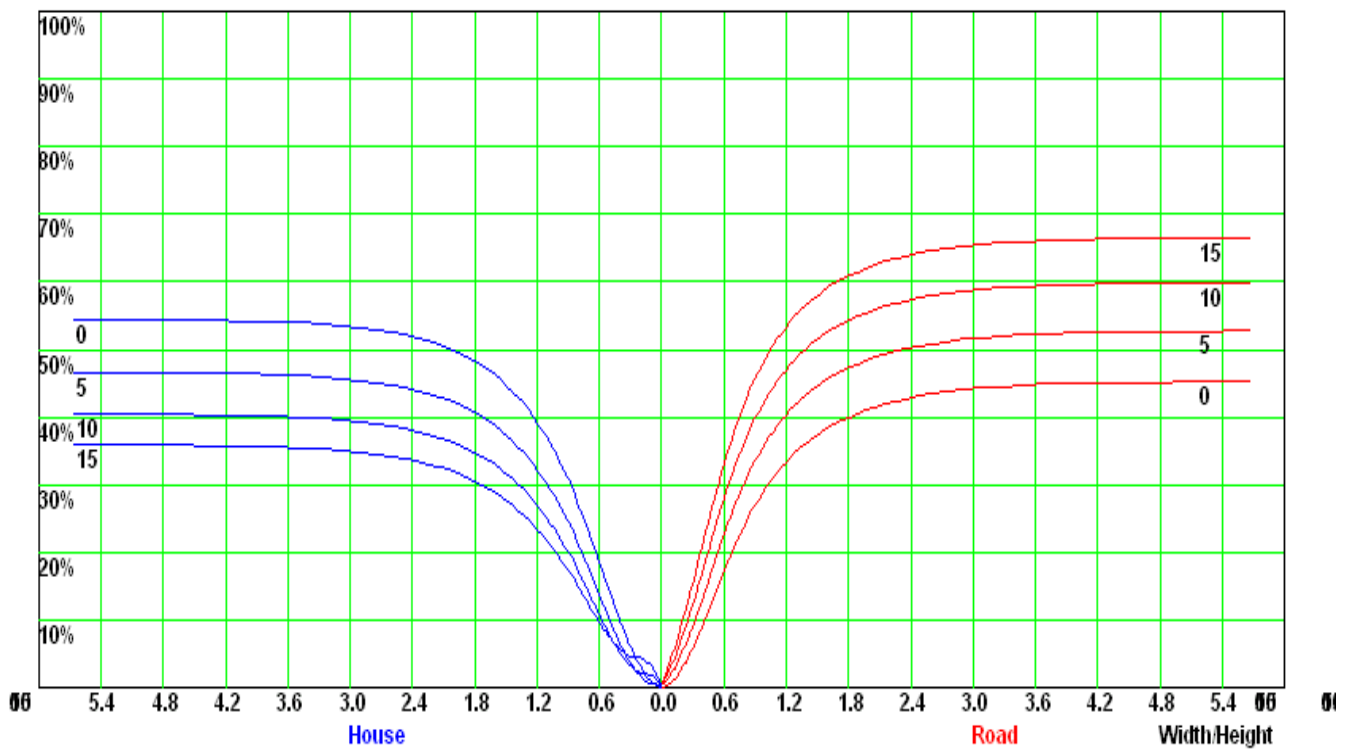
Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	1520.07	109.48	2960.11	2.00	54.01
41.0-42.0	1442.13	107.62	3067.73	1.96	55.97
42.0-43.0	1397.91	105.20	3172.93	1.92	57.89
43.0-44.0	1362.12	104.17	3277.10	1.90	59.79
44.0-45.0	1330.05	103.46	3380.56	1.89	61.68
45.0-46.0	1293.29	102.59	3483.16	1.87	63.55
46.0-47.0	1225.19	100.17	3583.32	1.83	65.38
47.0-48.0	1182.53	97.33	3680.66	1.78	67.15
48.0-49.0	1145.70	95.61	3776.27	1.74	68.90
49.0-50.0	1109.13	94.01	3870.28	1.72	70.61
50.0-51.0	1072.64	92.31	3962.58	1.68	72.30
51.0-52.0	1038.47	90.59	4053.17	1.65	73.95
52.0-53.0	999.10	88.63	4141.81	1.62	75.57
53.0-54.0	962.03	86.44	4228.25	1.58	77.15
54.0-55.0	926.31	84.29	4312.54	1.54	78.68
55.0-56.0	890.71	82.11	4394.65	1.50	80.18
56.0-57.0	856.19	79.87	4474.52	1.46	81.64
57.0-58.0	817.54	77.40	4551.92	1.41	83.05
58.0-59.0	784.06	74.88	4626.79	1.37	84.42
59.0-60.0	750.78	72.51	4699.30	1.32	85.74
60.0-61.0	719.55	70.17	4769.47	1.28	87.02
61.0-62.0	687.89	67.82	4837.29	1.24	88.26
62.0-63.0	648.77	65.01	4902.30	1.19	89.44
63.0-64.0	610.23	61.78	4964.08	1.13	90.57
64.0-65.0	568.72	58.35	5022.42	1.06	91.64
65.0-66.0	526.96	54.67	5077.09	1.00	92.63
66.0-67.0	481.14	50.69	5127.78	0.92	93.56
67.0-68.0	435.22	46.42	5174.20	0.85	94.41
68.0-69.0	393.22	42.26	5216.46	0.77	95.18
69.0-70.0	367.60	39.07	5255.53	0.71	95.89
70.0-71.0	350.84	37.13	5292.67	0.68	96.57
71.0-72.0	332.76	35.54	5328.21	0.65	97.22
72.0-73.0	282.09	32.15	5360.37	0.59	97.80
73.0-74.0	227.01	26.76	5387.13	0.49	98.29
74.0-75.0	173.78	21.18	5408.31	0.39	98.68
75.0-76.0	131.29	16.19	5424.50	0.30	98.97
76.0-77.0	100.57	12.36	5436.86	0.23	99.20
77.0-78.0	78.27	9.57	5446.44	0.17	99.37
78.0-79.0	64.27	7.66	5454.10	0.14	99.51
79.0-80.0	53.66	6.36	5460.45	0.12	99.63
80.0-81.0	43.60	5.26	5465.71	0.10	99.72

Equipment: CPM-1800	Date: 2017-12-21	Operator: Guo	Test Distance: 9.95m
Temperature:	Humidity:	Test Report:	

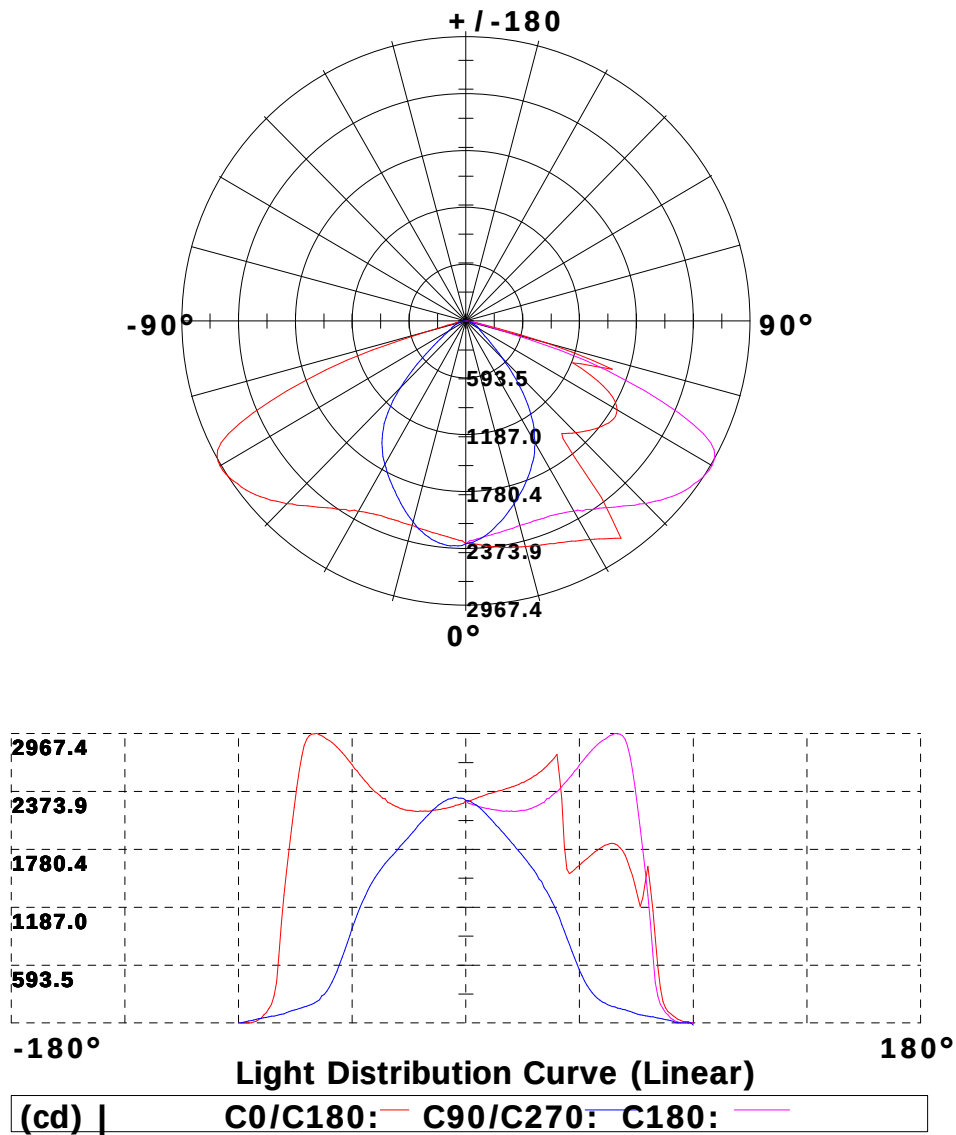
Iso-Candela [cd]

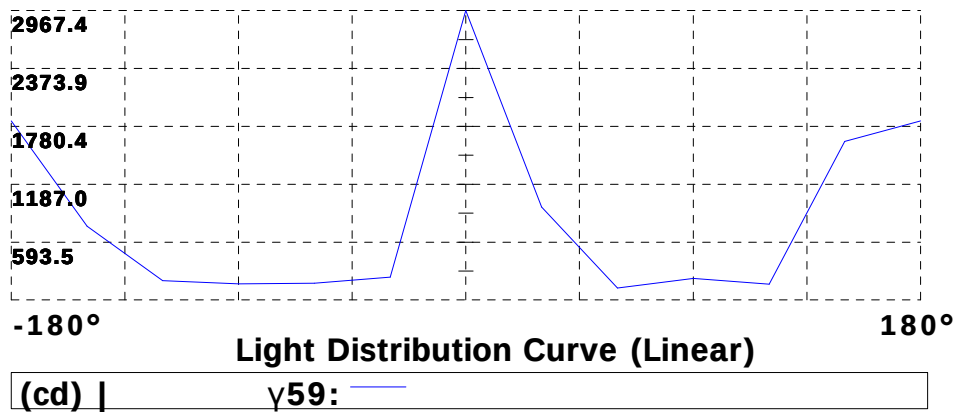
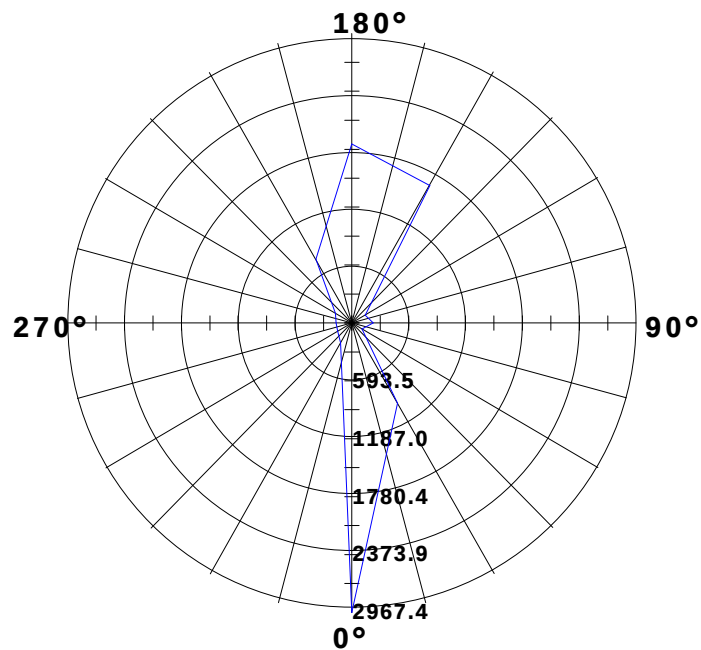


Coefficient Utilization Curve

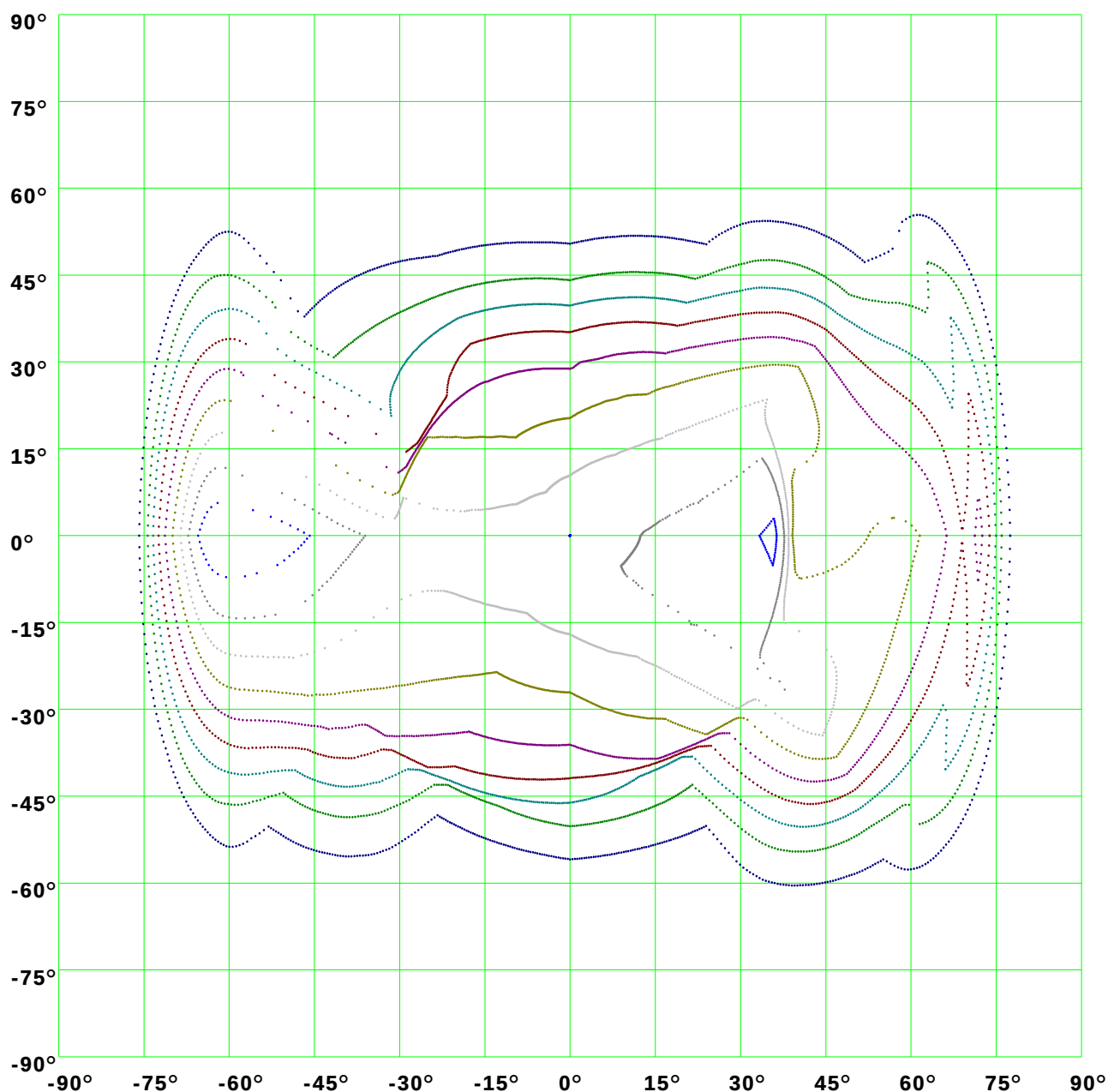


Light Distribution Curve [Unit: cd]



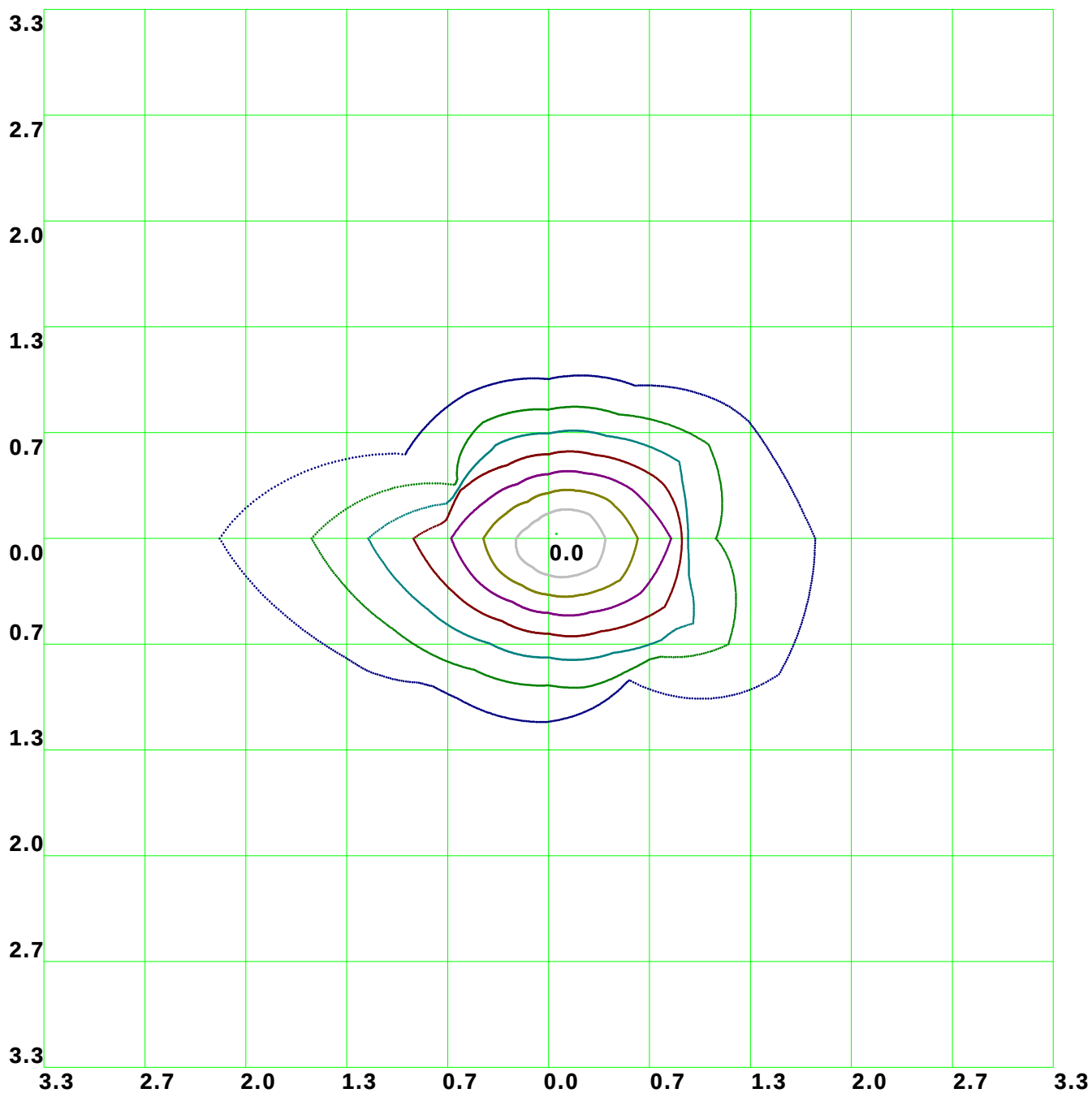


Isocandela(rectangle)



(10%): 296.7cd	(20%): 593.5cd	(30%): 890.2cd	(40%): 1187.cd
(50%): 1483.7cd	(60%): 1780.4cd	(70%): 2077.2cd	(80%): 2373.9cd
(90%): 2670.7cd	(100%): 2967.4cd		

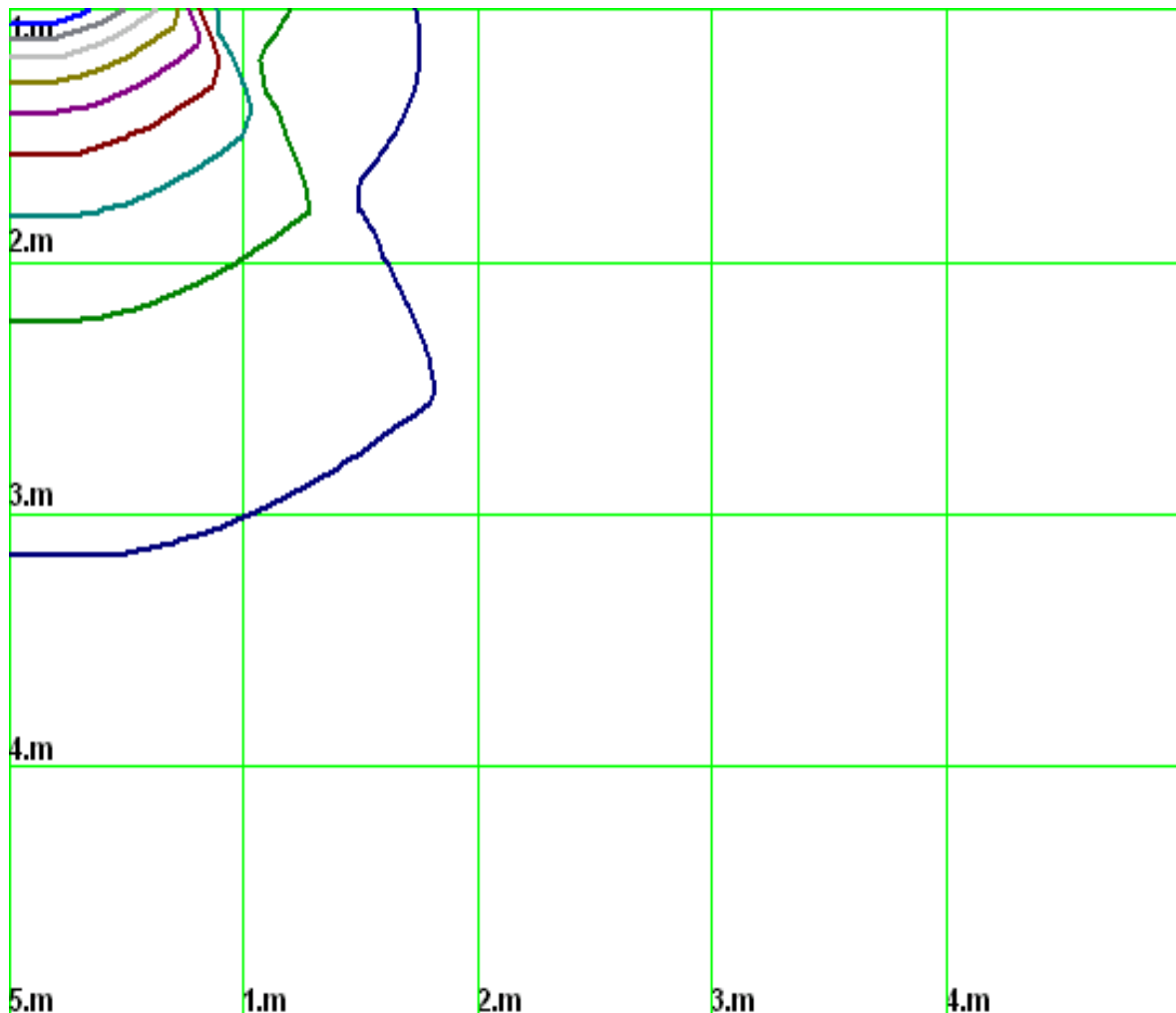
Isolx curve



Height: 1 m

(10%): 296.7lx	(20%): 593.5lx	(30%): 890.2lx	(40%): 1187.1lx
(50%): 1483.7lx	(60%): 1780.4lx	(70%): 2077.2lx	(80%): 2373.9lx
(90%): 2670.7lx	(100%): 2964.4lx		

Space Isolx Curve



(10%): 296.7lx (20%): 593.5lx (30%): 890.2lx (40%): 1187.1lx
 (50%): 1483.7lx (60%): 1780.4lx (70%): 2077.2lx (80%): 2373.9lx
 (90%): 2670.7lx (100%): 2964.4lx

Luminance Limiting Curve

Diameter: 0mm

Length: 0mm

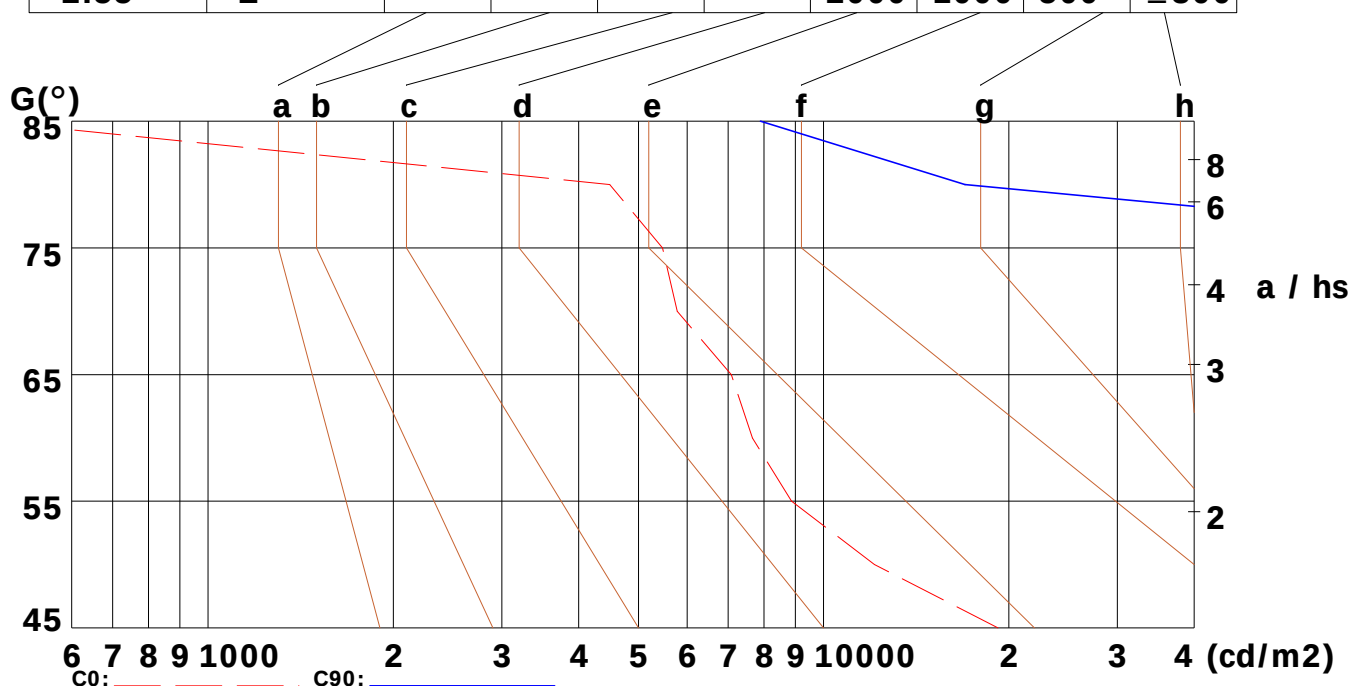
Width: 0mm

Height: 0mm

(cd/m²)

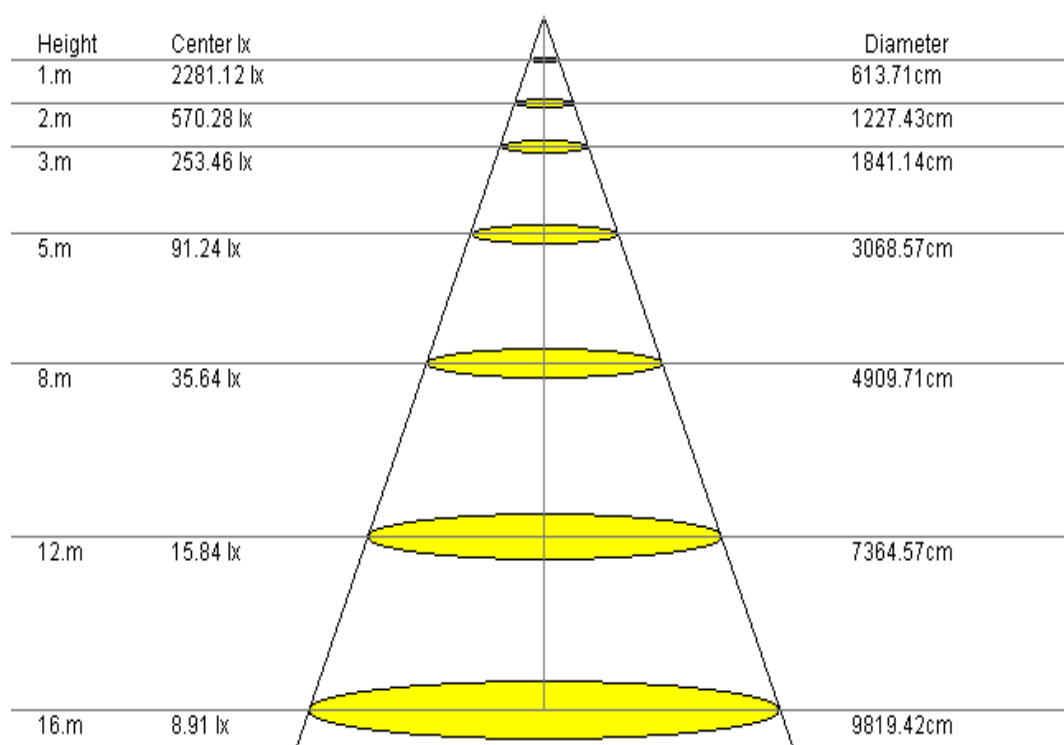
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	19206	12087	8872	7663	7075	5782	5470	4490	0
C90	57177	67265	79450	91196	93587	93620	84364	16961	7895

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

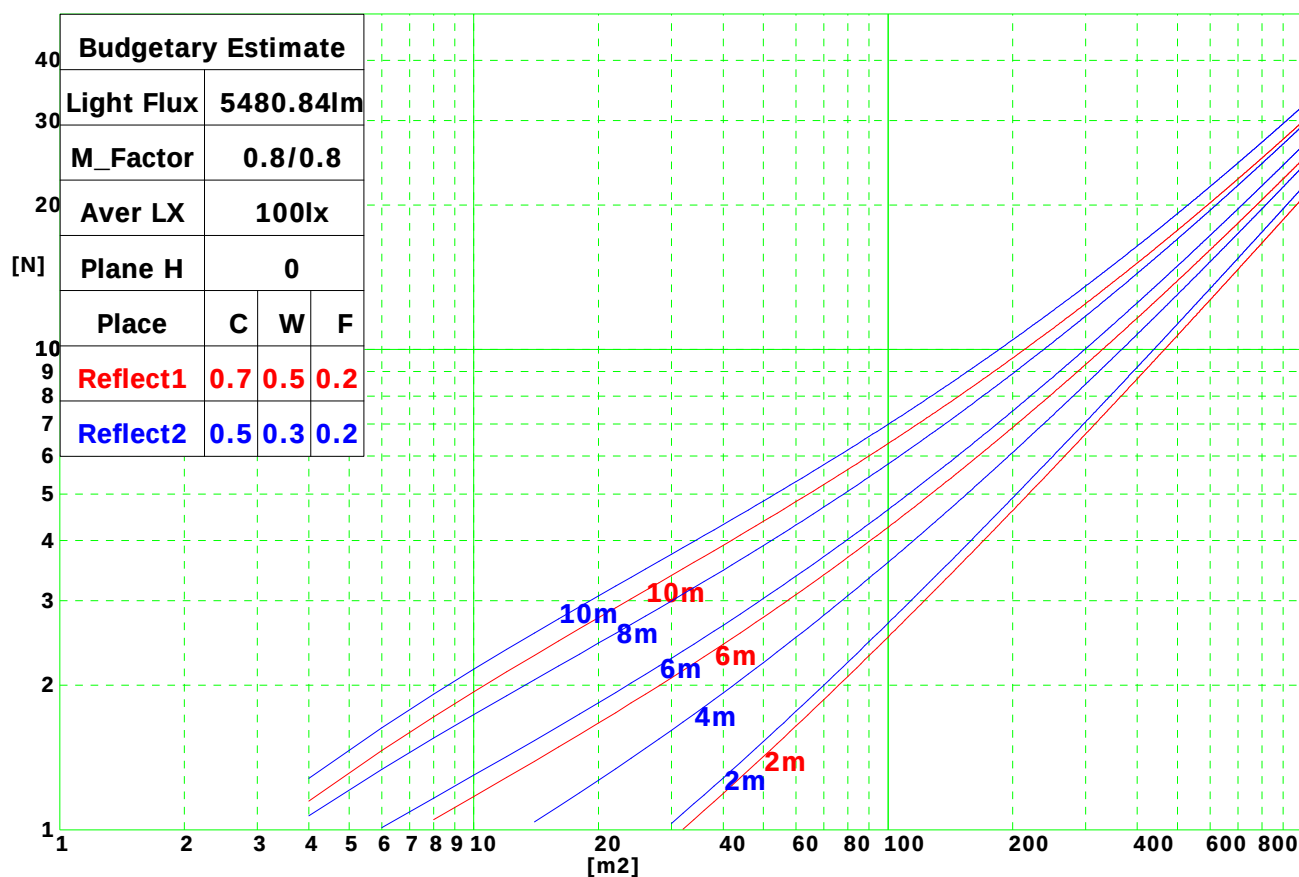


Beam Angle:143.90°(50%Imax)

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	1.07	1.06	1.05	1.06	1.04	1.03	1.02	1.00	0.98	0.97	0.95	0.93	0.90	0.88	0.86	0.81
2	0.93	0.91	0.89	0.92	0.89	0.87	0.89	0.86	0.84	0.86	0.82	0.79	0.81	0.77	0.74	0.69
3	0.81	0.78	0.76	0.80	0.77	0.75	0.79	0.75	0.72	0.76	0.72	0.68	0.73	0.68	0.64	0.59
4	0.70	0.68	0.66	0.71	0.67	0.65	0.70	0.65	0.62	0.68	0.63	0.59	0.66	0.60	0.55	0.51
5	0.62	0.59	0.58	0.62	0.59	0.56	0.62	0.58	0.54	0.61	0.56	0.52	0.60	0.54	0.49	0.45
6	0.55	0.52	0.51	0.56	0.52	0.50	0.56	0.51	0.48	0.56	0.50	0.46	0.54	0.48	0.43	0.40
7	0.49	0.47	0.45	0.50	0.47	0.44	0.51	0.46	0.43	0.51	0.45	0.41	0.50	0.44	0.39	0.35
8	0.44	0.42	0.41	0.45	0.42	0.40	0.46	0.41	0.38	0.46	0.41	0.37	0.46	0.40	0.35	0.32
9	0.40	0.38	0.37	0.41	0.38	0.36	0.42	0.38	0.35	0.43	0.37	0.33	0.43	0.36	0.31	0.29
10	0.37	0.35	0.33	0.38	0.35	0.33	0.39	0.34	0.31	0.40	0.34	0.30	0.40	0.33	0.29	0.26

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	15.4	16.8	15.8	16.9	17.3	15.3	16.7	15.7	16.9	17.3
	3H	17.1	18.4	17.5	18.8	18.9	17.1	18.3	17.4	18.8	19.0
	4H	17.9	19.0	18.3	19.7	19.8	17.8	19.0	18.1	19.6	19.7
	6H	18.4	19.6	19.0	19.9	20.1	18.4	19.5	18.8	19.9	20.1
	8H	18.8	19.9	19.1	20.1	20.5	18.8	19.8	19.0	19.9	20.3
4H	12H	18.8	19.7	19.1	20.3	20.6	18.7	19.7	19.0	20.2	20.6
	2H	16.5	17.5	16.6	17.7	18.0	16.5	17.4	16.5	17.7	18.0
	3H	18.4	19.3	18.7	19.5	19.8	18.2	19.3	18.7	19.5	19.8
	4H	19.0	20.0	19.6	20.1	20.5	19.1	20.0	19.3	20.1	20.6
	6H	19.8	20.5	20.2	20.8	21.1	19.7	20.5	20.1	20.9	21.3
8H	8H	20.1	20.7	20.5	21.1	21.4	20.1	20.6	20.3	21.1	21.5
	12H	20.2	20.9	20.6	21.2	21.7	20.2	20.9	20.6	21.2	21.7
	4H	19.6	20.3	19.8	20.4	20.9	19.4	20.1	19.7	20.4	21.0
	6H	20.4	21.0	20.8	21.4	21.8	20.3	20.9	20.8	21.4	21.6
	8H	20.8	21.3	21.2	21.7	22.1	20.6	21.2	21.1	21.7	22.1
12H	12H	21.0	21.5	21.4	21.9	22.3	21.0	21.4	21.5	21.8	22.3
	4H	19.5	20.2	20.0	20.5	20.9	19.5	20.1	19.9	20.7	21.0
	6H	20.6	21.1	20.9	21.3	21.8	20.5	21.0	20.9	21.4	21.8
	8H	21.0	21.4	21.4	21.7	22.3	20.9	21.3	21.3	21.6	22.2