

## Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: UFO-200W-120-60

Sum Lumens: 35423.89 lm

Number of Lamps: 1

Diameter: 0mm

Length: 400mm

Photometric Type: Type C

Voltage: 221.7 V

Current: 0.9317 A

Power: 201.4 W

Power Factor: 0.975

Ballast Type:

Width: 400mm

Height: 52mm

Remark:

## Photometric Results

Lumens: 35423.89 lm

Efficiency: 100%

Central Intensity: 12161.8cd

Maximum Intensity: 12321.27cd

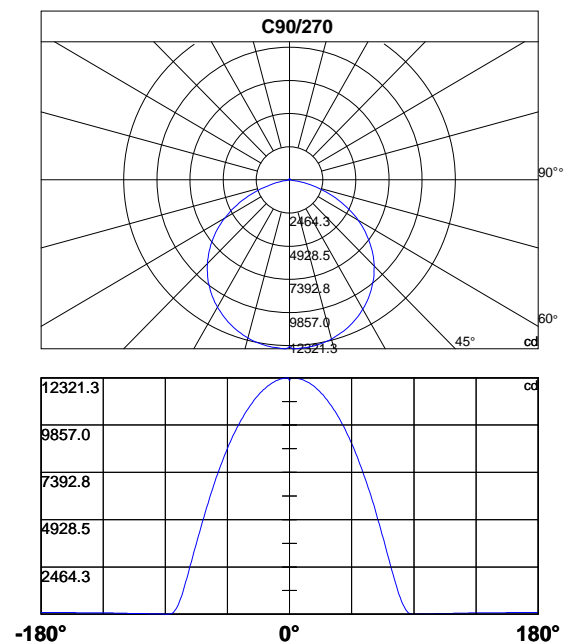
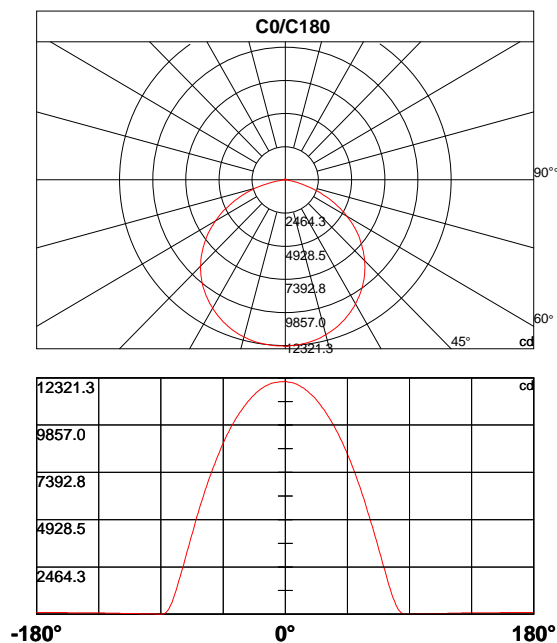
Beam Angle(10%): Left: -77.9 Right:77.3

Angle of maximum intensity: C:90.0 G:1.0

Half Peak Side Angle(50%): Left: -58.5 Right:57.9

Up Flux Rate: 0.87%

Down Flux Rate: 99.13%



**Photometric Data Table [cd]**

Cly	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	12161.8	12106.7	12097.9	12086.8	12073.6	12058.9	12039.8	12016.9	11990.4	11958.4
45.0	12161.8	12026.9	12021.0	12012.1	12001.0	11986.2	11968.5	11947.8	11925.0	11895.9
90.0	12161.8	12321.3	12319.8	12315.3	12307.9	12296.8	12285.0	12269.4	12250.3	12226.9
135.0	12161.8	12211.4	12210.7	12207.0	12200.3	12191.6	12179.0	12165.0	12148.8	12127.5
180.0	12161.8	12115.5	12116.2	12114.0	12108.8	12101.3	12091.7	12079.9	12065.2	12047.7
225.0	12161.8	12031.4	12029.9	12026.3	12018.9	12010.1	11998.3	11982.8	11963.7	11941.9
270.0	12161.8	12317.7	12311.1	12303.7	12292.6	12279.4	12262.5	12241.9	12217.6	12187.7
315.0	12161.8	12204.7	12197.3	12186.9	12174.4	12158.8	12139.7	12118.2	12093.9	12063.3
360.0	12161.8	12106.7	12097.9	12086.8	12073.6	12058.9	12039.8	12016.9	11990.4	11958.4

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	11923.4	11884.3	11840.8	11794.4	11743.5	11688.2	11631.6	11569.6	11505.5	11437.4
45.0	11865.9	11830.4	11792.0	11749.2	11702.0	11652.5	11598.6	11541.0	11480.5	11417.4
90.0	12201.5	12171.2	12138.7	12101.0	12058.9	12015.3	11966.6	11913.4	11857.3	11797.8
135.0	12106.1	12079.6	12051.5	12018.4	11980.0	11938.0	11892.4	11842.3	11789.2	11731.2
180.0	12025.9	12000.8	11972.0	11939.5	11901.9	11861.9	11816.9	11768.2	11716.5	11659.2
225.0	11918.0	11887.8	11855.3	11819.2	11778.7	11735.2	11689.5	11638.0	11585.6	11528.3
270.0	12155.7	12119.6	12079.8	12036.3	11987.7	11935.3	11880.1	11820.4	11757.0	11690.3
315.0	12032.6	11994.2	11953.5	11907.8	11857.6	11804.5	11748.3	11687.8	11623.6	11557.1
360.0	11923.4	11884.3	11840.8	11794.4	11743.5	11688.2	11631.6	11569.6	11505.5	11437.4

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	11365.4	11289.4	11209.8	11127.2	11040.1	10949.4	10855.0	10757.9	10655.4	10551.1
45.0	11349.2	11279.1	11203.1	11124.1	11042.2	10957.3	10865.8	10772.8	10675.3	10573.1
90.0	11734.9	11667.7	11596.1	11520.8	11443.3	11359.9	11272.0	11179.7	11084.5	10985.9
135.0	11668.3	11604.1	11535.5	11463.2	11387.3	11309.8	11224.3	11138.2	11046.0	10949.1
180.0	11600.7	11540.1	11472.9	11402.1	11327.5	11249.3	11166.6	11080.9	10990.9	10897.7
225.0	11466.9	11403.4	11334.1	11262.6	11184.4	11105.5	11019.2	10932.4	10839.5	10743.5
270.0	11619.9	11545.4	11467.2	11386.1	11300.5	11211.3	11119.8	11022.0	10921.7	10818.6
315.0	11484.9	11411.9	11331.5	11250.2	11162.4	11072.3	10979.3	10879.7	10779.3	10673.5
360.0	11365.4	11289.4	11209.8	11127.2	11040.1	10949.4	10855.0	10757.9	10655.4	10551.1

Cly	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	10442.3	10330.8	10214.4	10095.6	9973.2	9847.8	9715.8	9581.5	9443.2	9298.3
45.0	10467.4	10356.0	10240.9	10119.8	9998.0	9867.4	9736.0	9598.0	9457.1	9311.1
90.0	10885.4	10777.0	10670.0	10557.8	10441.1	10323.0	10197.5	10066.2	9937.0	9798.7
135.0	10849.1	10745.8	10634.5	10523.1	10406.5	10281.9	10158.6	10026.7	9894.2	9754.8
180.0	10802.9	10701.0	10599.9	10492.9	10382.9	10270.7	10151.1	10028.6	9903.8	9773.0
225.0	10644.0	10541.5	10431.6	10319.5	10205.1	10079.8	9955.8	9826.7	9693.6	9555.9
270.0	10713.0	10604.5	10490.2	10374.4	10253.5	10129.5	9999.0	9866.9	9729.4	9586.7
315.0	10564.8	10449.7	10331.6	10207.6	10082.1	9947.8	9811.2	9670.3	9526.4	9377.7
360.0	10442.3	10330.8	10214.4	10095.6	9973.2	9847.8	9715.8	9581.5	9443.2	9298.3

**Photometric Data Table [cd]**

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	9152.6	8999.9	8844.3	8685.7	8519.0	8347.1	8173.0	7987.3	7810.8	7621.8
45.0	9163.3	9012.5	8858.2	8700.3	8538.0	8372.6	8201.4	8027.1	7842.0	7659.3
90.0	9660.2	9513.0	9363.9	9213.3	9052.5	8895.9	8724.7	8556.4	8377.0	8188.5
135.0	9616.9	9464.3	9318.8	9166.2	9006.1	8850.4	8684.4	8514.8	8345.8	8165.5
180.0	9641.8	9501.3	9359.5	9213.3	9057.7	8904.0	8737.3	8572.7	8397.7	8215.9
225.0	9420.6	9270.9	9127.0	8977.3	8816.5	8660.8	8493.4	8323.7	8154.0	7970.7
270.0	9443.2	9287.7	9132.7	8972.6	8807.5	8637.8	8463.7	8279.3	8099.2	7908.2
315.0	9226.0	9071.4	8912.8	8750.4	8580.7	8409.5	8232.4	8054.4	7864.8	7676.9
360.0	9152.6	8999.9	8844.3	8685.7	8519.0	8347.1	8173.0	7987.3	7810.8	7621.8

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	7431.5	7241.8	7043.4	6850.8	6637.1	6431.1	6208.5	5988.5	5759.9	5527.3
45.0	7463.4	7272.9	7070.1	6870.6	6661.0	6446.9	6221.9	5993.1	5765.8	5528.6
90.0	7999.1	7805.8	7605.8	7410.0	7206.3	6998.3	6796.8	6579.1	6362.8	6138.6
135.0	7986.3	7798.2	7602.8	7405.8	7200.7	6992.6	6772.9	6556.0	6325.1	6090.6
180.0	8033.9	7847.2	7656.9	7471.4	7275.7	7073.5	6872.8	6659.5	6442.5	6218.5
225.0	7790.1	7602.0	7405.1	7207.3	7003.0	6794.3	6574.5	6357.5	6129.6	5900.6
270.0	7715.5	7522.2	7319.4	7123.0	6911.5	6707.7	6485.9	6266.7	6035.9	5802.2
315.0	7478.1	7280.3	7071.5	6865.3	6647.0	6430.7	6202.6	5969.5	5737.0	5497.5
360.0	7431.5	7241.8	7043.4	6850.8	6637.1	6431.1	6208.5	5988.5	5759.9	5527.3

Cly	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	5292.9	5056.0	4810.4	4566.9	4322.7	4071.9	3822.5	3570.2	3314.2	3052.8
45.0	5297.3	5066.2	4818.1	4570.0	4335.4	4087.9	3836.1	3581.8	3328.8	3075.1
90.0	5909.6	5672.0	5431.3	5183.3	4928.6	4673.9	4422.5	4162.3	3901.6	3642.1
135.0	5854.4	5614.5	5368.2	5134.2	4894.4	4641.5	4394.2	4144.9	3878.6	3611.0
180.0	5995.3	5763.6	5533.3	5297.1	5058.6	4804.7	4550.9	4297.5	4041.7	3786.2
225.0	5671.4	5444.8	5202.9	4966.7	4719.7	4466.6	4217.2	3963.4	3703.7	3453.8
270.0	5560.8	5318.7	5076.6	4825.2	4580.9	4320.6	4063.8	3808.5	3554.6	3293.9
315.0	5263.3	5027.8	4776.7	4525.6	4286.3	4027.8	3765.9	3506.3	3253.3	2997.0
360.0	5292.9	5056.0	4810.4	4566.9	4322.7	4071.9	3822.5	3570.2	3314.2	3052.8

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	2793.3	2540.2	2284.8	2035.0	1785.3	1544.1	1308.9	1079.1	878.9	681.7
45.0	2830.4	2578.5	2333.0	2098.0	1849.1	1609.6	1384.9	1171.0	962.5	764.2
90.0	3383.2	3116.2	2839.1	2580.2	2322.1	2061.1	1808.7	1547.9	1300.6	1079.3
135.0	3358.3	3097.9	2848.4	2594.6	2329.1	2078.3	1827.7	1579.1	1358.4	1134.8
180.0	3529.2	3273.1	3011.4	2753.4	2500.8	2249.4	1981.1	1731.5	1483.3	1251.8
225.0	3207.8	2949.6	2704.5	2460.3	2205.8	1956.2	1706.6	1456.3	1251.2	1040.8
270.0	3021.4	2760.8	2501.8	2223.1	1963.0	1703.0	1466.2	1216.6	994.2	788.2
315.0	2749.0	2493.3	2250.9	2011.4	1756.9	1517.8	1291.7	1064.3	871.4	676.0
360.0	2793.3	2540.2	2284.8	2035.0	1785.3	1544.1	1308.9	1079.1	878.9	681.7

**Photometric Data Table [cd]**

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	509.3	363.5	239.7	146.2	76.7	33.9	15.5	12.0	9.7	9.8
45.0	590.8	450.2	309.8	204.2	121.9	62.7	28.6	14.4	11.0	9.1
90.0	874.6	678.8	520.2	362.0	240.8	146.4	79.6	31.9	16.3	11.8
135.0	921.0	722.7	553.2	393.2	268.2	180.4	93.0	45.5	18.3	12.5
180.0	1015.4	814.7	608.5	459.0	310.0	200.4	108.0	52.8	18.7	12.9
225.0	819.4	652.4	476.6	333.0	223.1	128.3	63.1	26.6	14.3	10.5
270.0	601.1	431.8	297.8	198.4	99.3	52.2	18.8	13.8	10.4	10.1
315.0	513.5	351.0	233.4	139.6	74.4	33.4	15.6	11.8	9.4	9.5
360.0	509.3	363.5	239.7	146.2	76.7	33.9	15.5	12.0	9.7	9.8

Cly	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0
0.0	11.1	12.0	13.1	14.1	15.3	16.4	17.6	18.9	20.2	21.0
45.0	10.0	11.0	11.9	12.9	14.0	15.1	16.2	17.5	18.7	19.6
90.0	10.2	10.7	11.5	12.4	13.5	14.6	15.7	16.9	18.1	18.9
135.0	9.9	9.7	10.5	11.4	12.4	13.4	14.5	15.7	16.9	17.9
180.0	9.9	9.5	10.4	11.3	12.3	13.4	14.5	15.6	16.8	17.6
225.0	9.3	10.0	10.9	11.8	12.8	13.8	14.9	16.1	17.3	18.3
270.0	11.2	12.0	13.0	14.0	15.1	16.2	17.4	18.6	19.9	20.6
315.0	10.8	11.8	12.8	13.8	14.9	16.1	17.3	18.6	19.8	20.6
360.0	11.1	12.0	13.1	14.1	15.3	16.4	17.6	18.9	20.2	21.0

Cly	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	22.8	24.2	25.6	27.0	28.4	29.8	31.3	32.7	34.2	35.5
45.0	21.2	22.6	23.9	25.3	26.8	28.1	29.5	31.0	32.5	33.8
90.0	20.7	22.1	23.6	25.0	26.4	27.9	29.3	30.8	32.3	33.5
135.0	19.4	20.7	22.1	23.4	24.8	26.2	27.6	29.0	30.5	31.5
180.0	19.3	20.6	21.9	23.2	24.6	26.0	27.5	28.9	30.4	31.5
225.0	19.8	21.1	22.4	23.8	25.2	26.5	27.9	29.4	30.8	31.8
270.0	22.5	23.8	25.2	26.6	28.1	29.5	31.0	32.4	34.0	35.2
315.0	22.5	23.8	25.3	26.7	28.1	29.6	31.1	32.6	34.1	35.2
360.0	22.8	24.2	25.6	27.0	28.4	29.8	31.3	32.7	34.2	35.5

Cly	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	37.3	38.8	40.4	41.9	43.4	44.9	46.4	47.9	49.4	50.4
45.0	35.5	37.0	38.5	40.0	41.5	43.0	44.4	45.9	47.4	48.7
90.0	35.3	36.8	38.3	39.8	41.3	42.9	44.4	45.9	47.4	48.7
135.0	33.4	34.8	36.4	37.9	39.4	41.0	42.5	44.0	45.5	46.3
180.0	33.3	34.8	36.3	37.9	39.3	40.9	42.4	43.9	45.3	46.3
225.0	33.7	35.2	36.7	38.1	39.6	41.2	42.7	44.2	45.7	46.7
270.0	37.0	38.5	40.0	41.6	43.0	44.5	46.0	47.5	49.0	50.0
315.0	37.2	38.7	40.3	41.8	43.4	44.9	46.4	47.9	49.4	50.4
360.0	37.3	38.8	40.4	41.9	43.4	44.9	46.4	47.9	49.4	50.4

**Photometric Data Table [cd]**

Cly	120.0	121.0	122.0	123.0	124.0	125.0	126.0	127.0	128.0	129.0
0.0	52.3	53.7	55.0	56.4	57.7	58.9	60.2	61.4	62.6	63.6
45.0	50.2	51.6	53.0	54.3	55.6	56.9	58.1	59.3	60.5	61.2
90.0	50.3	51.9	53.3	54.8	56.2	57.5	58.8	60.1	61.3	61.9
135.0	48.4	49.9	51.4	52.8	54.2	55.5	56.7	58.0	59.1	59.8
180.0	48.3	49.7	51.2	52.6	53.9	55.3	56.6	57.9	59.1	59.8
225.0	48.6	50.0	51.4	52.8	54.1	55.4	56.7	57.9	59.0	59.5
270.0	51.9	53.4	54.8	56.3	57.7	59.0	60.2	61.5	62.7	63.6
315.0	52.3	53.7	55.1	56.5	57.8	59.0	60.3	61.5	62.6	63.6
360.0	52.3	53.7	55.0	56.4	57.7	58.9	60.2	61.4	62.6	63.6

Cly	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	64.8	65.7	66.6	67.4	68.2	68.9	69.8	70.6	71.4	71.7
45.0	62.6	63.6	64.6	65.4	66.3	67.1	67.9	68.6	69.3	69.3
90.0	63.7	64.8	65.9	66.8	67.8	68.6	69.3	70.1	70.8	71.0
135.0	61.3	62.5	63.5	64.5	65.4	66.3	67.2	68.0	68.7	69.0
180.0	61.5	62.7	63.7	64.6	65.5	66.3	67.2	68.0	68.8	69.3
225.0	61.1	62.2	63.1	64.0	64.9	65.8	66.6	67.4	68.1	68.3
270.0	64.9	66.0	67.1	68.0	68.8	69.6	70.3	71.0	71.7	71.7
315.0	64.7	65.7	66.6	67.5	68.3	69.2	69.9	70.7	71.3	71.7
360.0	64.8	65.7	66.6	67.4	68.2	68.9	69.8	70.6	71.4	71.7

Cly	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	72.9	73.6	74.3	75.0	75.5	76.1	76.7	77.3	77.9	78.1
45.0	70.8	71.5	72.2	72.9	73.6	74.3	75.0	75.6	76.3	76.4
90.0	72.0	72.6	73.2	73.8	74.5	75.1	75.7	76.4	77.2	77.4
135.0	70.2	70.9	71.6	72.3	73.1	73.8	74.5	75.2	75.8	76.1
180.0	70.4	71.2	72.0	72.7	73.4	74.0	74.6	75.2	75.8	76.1
225.0	69.3	70.1	70.8	71.5	72.2	72.9	73.6	74.3	75.0	75.4
270.0	72.9	73.5	74.1	74.7	75.4	76.1	76.8	77.5	78.1	78.4
315.0	72.6	73.3	74.0	74.7	75.4	76.1	76.8	77.4	78.1	78.1
360.0	72.9	73.6	74.3	75.0	75.5	76.1	76.7	77.3	77.9	78.1

Cly	150.0	151.0	152.0	153.0	154.0	155.0	156.0	157.0	158.0	159.0
0.0	79.2	79.9	80.6	81.4	82.1	82.7	83.4	84.1	84.8	85.2
45.0	77.5	78.1	78.8	79.4	80.1	80.8	81.5	82.2	83.0	83.2
90.0	78.6	79.3	80.0	80.7	81.3	82.0	82.7	83.3	84.1	84.2
135.0	77.1	77.8	78.4	79.1	79.7	80.5	81.2	82.0	82.7	82.8
180.0	77.0	77.8	78.5	79.3	80.1	80.9	81.7	82.5	83.3	83.5
225.0	76.2	76.8	77.4	78.0	78.7	79.4	80.1	80.9	81.7	82.2
270.0	79.5	80.2	80.8	81.5	82.2	82.8	83.5	84.3	85.0	85.2
315.0	79.2	79.8	80.3	80.9	81.5	82.1	82.8	83.4	84.2	84.2
360.0	79.2	79.9	80.6	81.4	82.1	82.7	83.4	84.1	84.8	85.2

**Photometric Data Table [cd]**

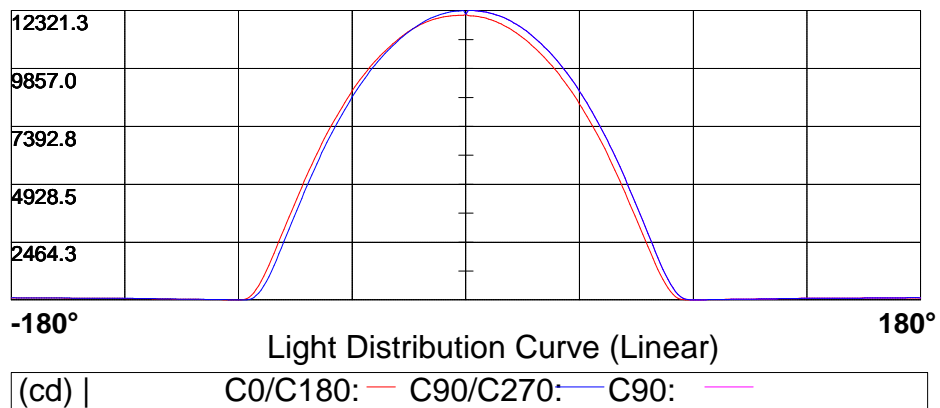
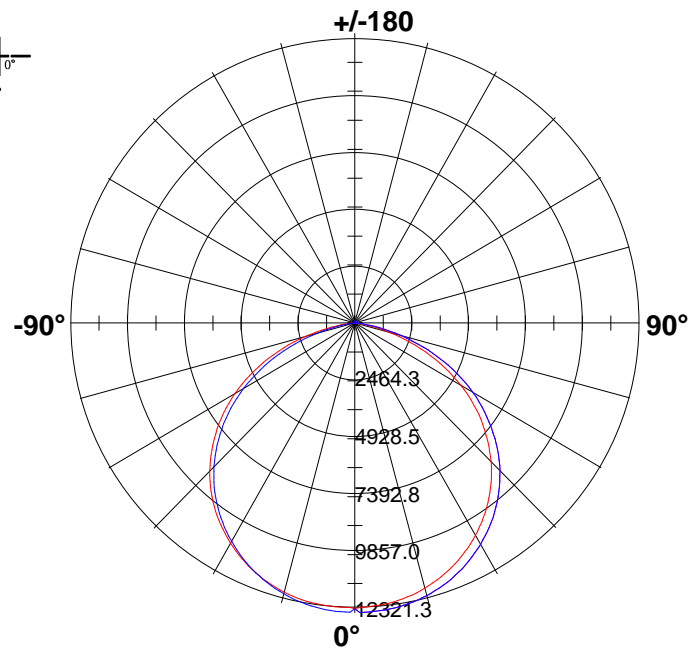
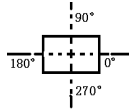
C\γ	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	86.1	86.7	87.3	87.8	88.5	89.0	89.5	89.9	90.3	90.3
45.0	84.4	85.1	85.8	86.4	87.1	87.7	88.3	88.9	89.6	89.9
90.0	85.6	86.5	87.2	88.1	88.9	89.8	90.5	91.1	91.6	91.6
135.0	84.2	85.0	85.7	86.5	87.2	87.9	88.7	89.4	90.2	90.3
180.0	84.8	85.6	86.3	87.2	87.9	88.8	89.5	90.1	90.7	91.0
225.0	83.2	83.9	84.6	85.3	86.0	86.7	87.5	88.3	89.0	89.3
270.0	86.5	87.2	87.9	88.5	89.3	89.9	90.4	90.8	91.2	91.3
315.0	85.4	86.0	86.5	87.1	87.6	88.2	88.8	89.5	90.1	90.3
360.0	86.1	86.7	87.3	87.8	88.5	89.0	89.5	89.9	90.3	90.3

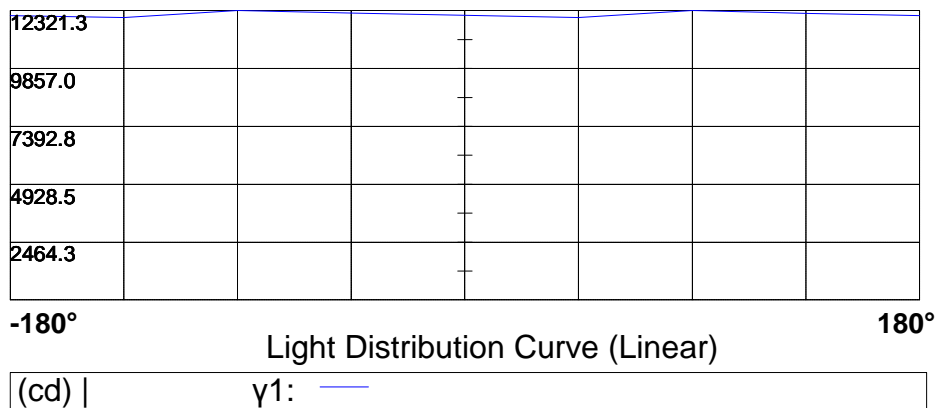
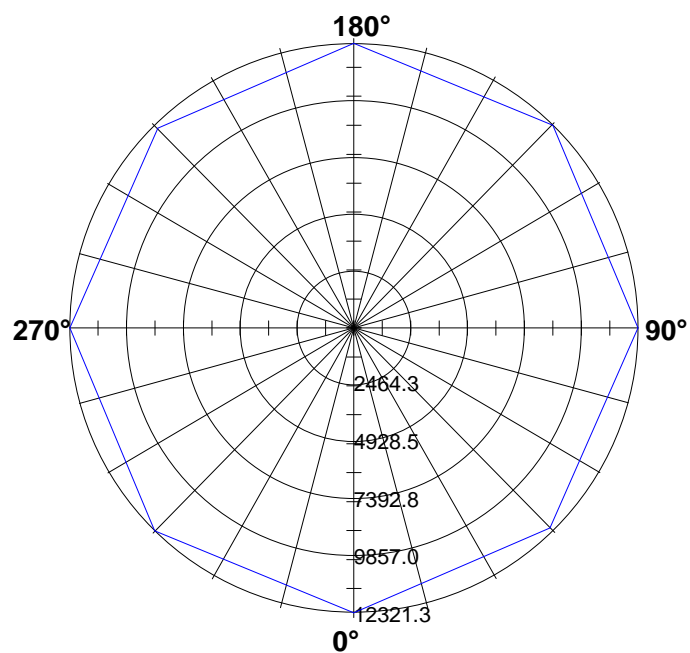
C\γ	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	91.0	91.4	91.8	92.0	92.5	92.9	93.3	93.5	93.7	93.7
45.0	90.8	91.3	92.0	92.6	93.2	93.8	94.2	94.5	94.8	94.3
90.0	92.7	93.3	93.8	94.3	94.7	95.2	95.5	95.9	96.3	96.0
135.0	91.5	92.1	92.8	93.4	94.0	94.5	95.0	95.3	95.3	95.0
180.0	91.7	92.1	92.7	93.0	93.4	93.9	94.3	94.6	94.7	94.3
225.0	90.3	90.9	91.5	92.1	92.8	93.3	93.7	94.0	94.2	94.0
270.0	92.0	92.3	92.7	93.1	93.5	93.8	94.1	94.5	94.8	95.0
315.0	91.3	91.8	92.4	93.0	93.6	94.1	94.5	94.8	95.1	95.0
360.0	91.0	91.4	91.8	92.0	92.5	92.9	93.3	93.5	93.7	93.7

C\γ	180.0
0.0	93.7
45.0	93.7
90.0	93.7
135.0	93.7
180.0	93.7
225.0	93.7
270.0	93.7
315.0	93.7
360.0	93.7

## Light Distribution Curve [Unit: cd]

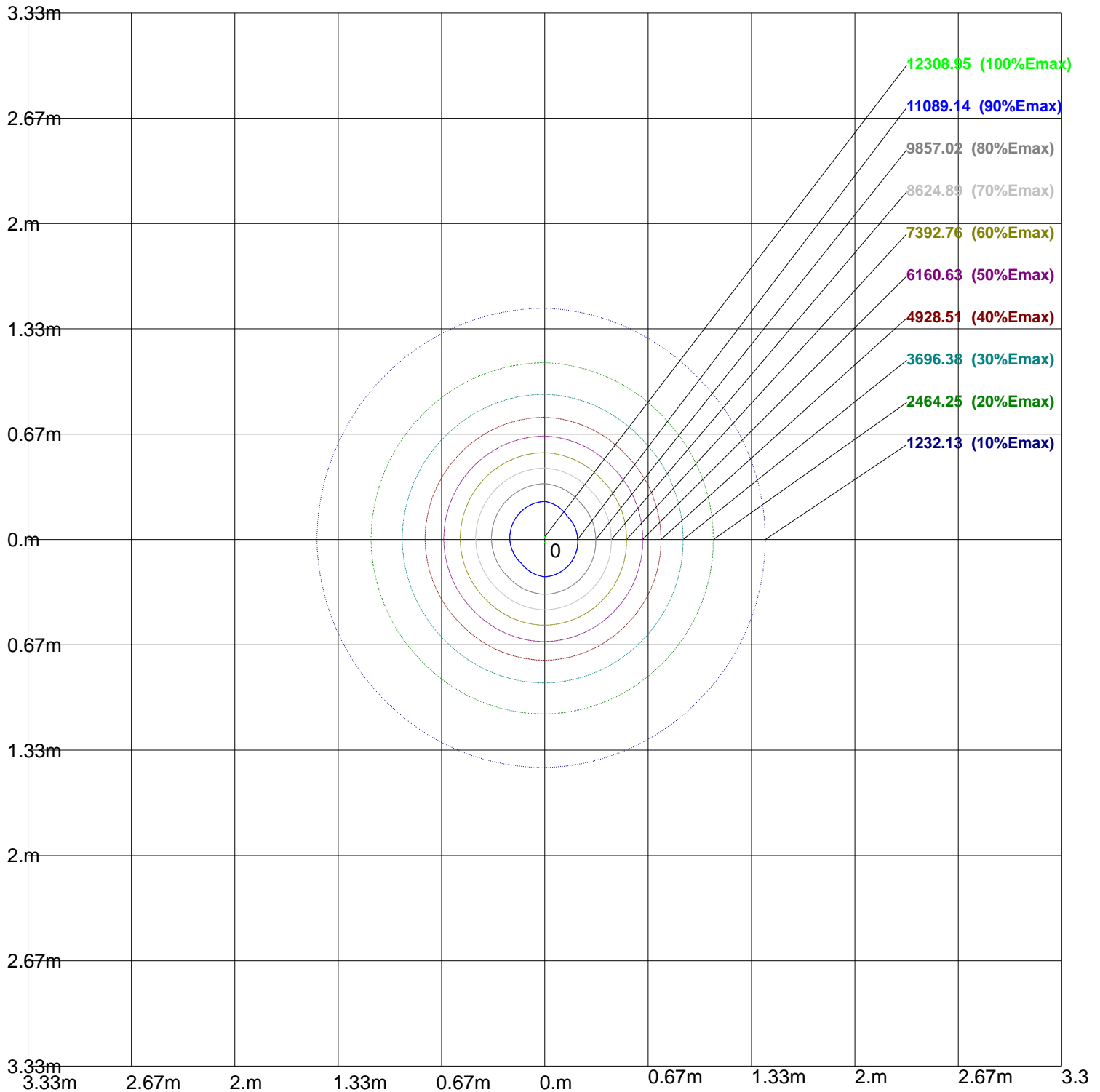
Luminaire



**Max Plane Light Distribution Curve [Unit: cd]**



## Iso-Lux[lx]



Height: 1 m  
Max Illuminance : 12321.27lx

## Luminance Limiting Curve

Diameter: 0mm

Length: 400mm

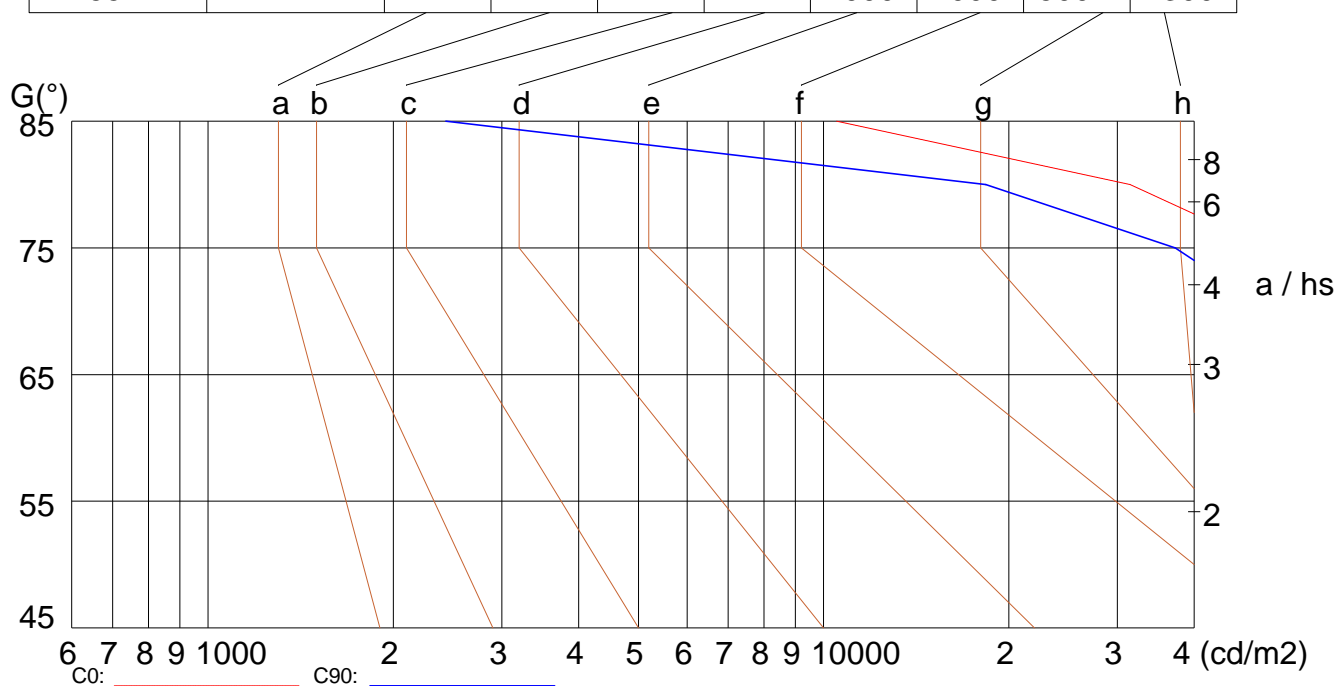
Width: 400mm

Height: 52mm

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

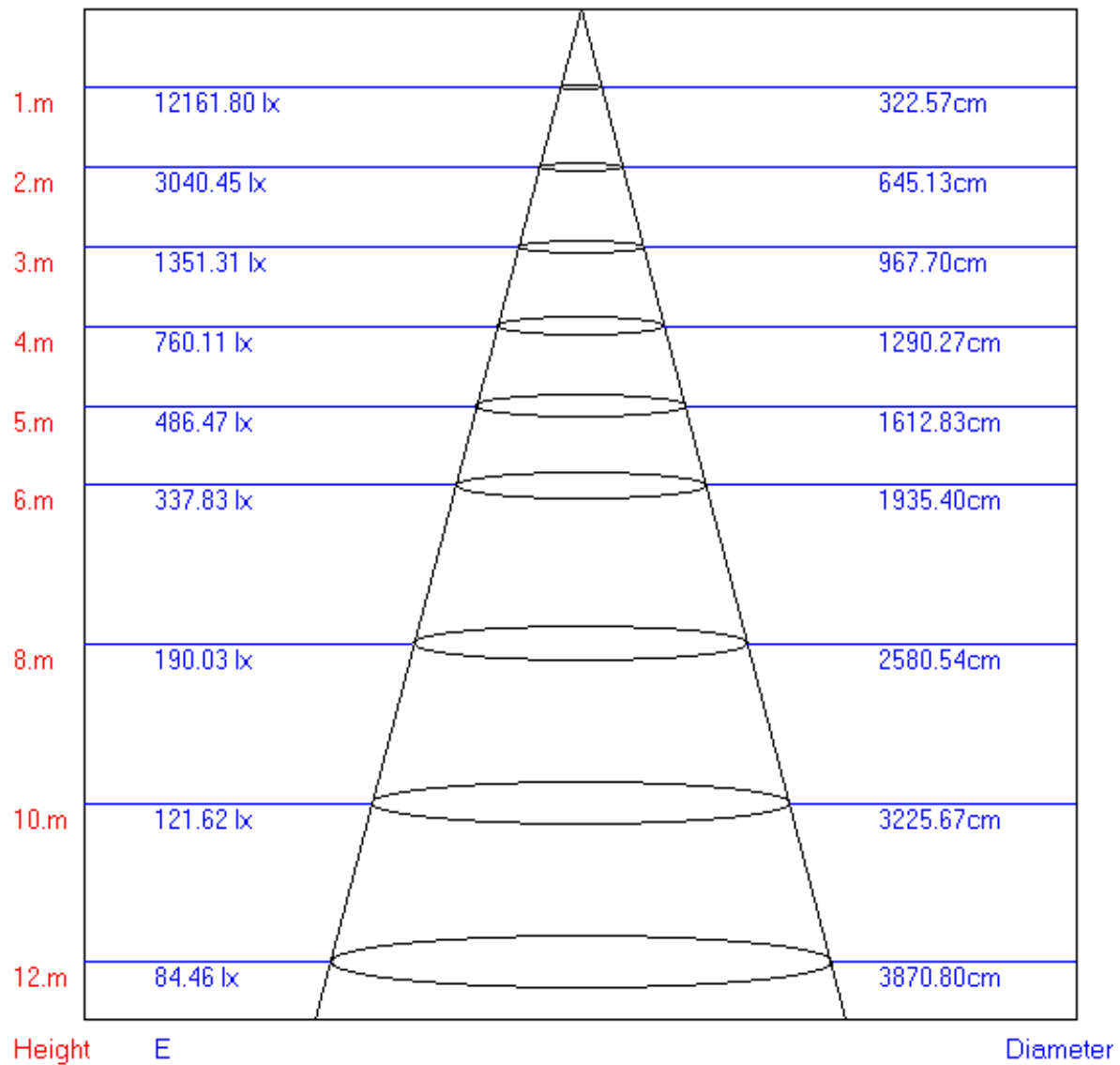
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	78629	77778	76257	73870	69120	61823	49771	31479	10500
C90	73779	72258	70077	66161	60218	51044	37288	18330	2432

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:116.50°

Utilization Coefficient Table

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	1.06	1.04	1.03	1.04	1.02	1.01	1.01	0.99	0.97	0.96	0.94	0.92	0.89	0.87	0.85	0.80
2	0.90	0.88	0.86	0.90	0.87	0.84	0.87	0.84	0.81	0.84	0.80	0.77	0.79	0.75	0.72	0.67
3	0.77	0.75	0.73	0.77	0.74	0.71	0.76	0.72	0.68	0.74	0.69	0.65	0.70	0.65	0.61	0.57
4	0.67	0.64	0.62	0.67	0.63	0.61	0.67	0.62	0.58	0.65	0.60	0.56	0.63	0.57	0.52	0.48
5	0.58	0.56	0.54	0.59	0.55	0.53	0.59	0.54	0.51	0.58	0.53	0.48	0.57	0.51	0.46	0.42
6	0.52	0.49	0.47	0.52	0.49	0.46	0.53	0.48	0.44	0.53	0.47	0.42	0.52	0.45	0.40	0.37
7	0.46	0.43	0.42	0.47	0.43	0.41	0.48	0.43	0.39	0.48	0.42	0.38	0.48	0.41	0.36	0.32
8	0.41	0.39	0.37	0.42	0.39	0.36	0.43	0.38	0.35	0.44	0.38	0.34	0.44	0.37	0.32	0.29
9	0.37	0.35	0.33	0.38	0.35	0.33	0.40	0.35	0.32	0.40	0.34	0.30	0.41	0.34	0.29	0.26
10	0.34	0.32	0.30	0.35	0.32	0.30	0.36	0.32	0.29	0.37	0.32	0.28	0.38	0.31	0.26	0.24

