

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: UFO-100W-120-60

Sum Lumens: 17843.79 lm

Number of Lamps: 1

Diameter: 0mm

Length: 290mm

Photometric Type: Type C

Voltage: 221.7 V

Current: 0.4659 A

Power: 100.7 W

Power Factor: 0.975

Ballast Type:

Width: 290mm

Height: 42mm

Remark:

Photometric Results

Lumens: 17843.79 lm

Efficiency: 100%

Central Intensity: 6126.153cd

Maximum Intensity: 6206.48cd

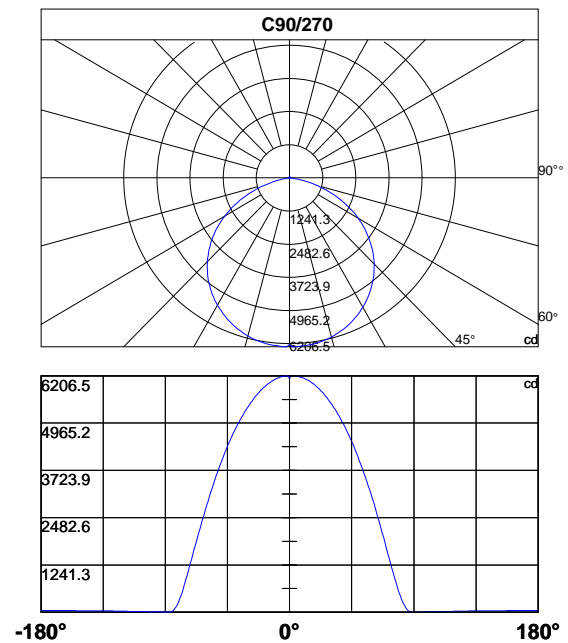
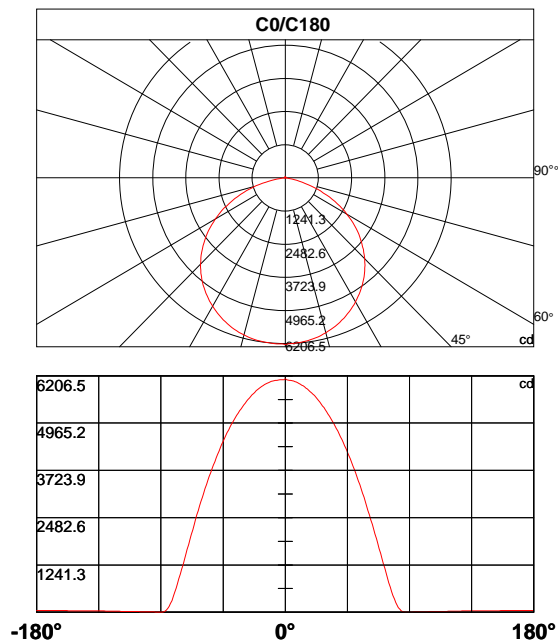
Beam Angle(10%): Left: -77.9 Right:77.3

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	6126.2	6098.4	6094.0	6088.4	6081.7	6074.3	6064.7	6053.2	6039.8	6023.7
45.0	6126.2	6058.2	6055.2	6050.8	6045.2	6037.7	6028.8	6018.4	6006.9	5992.2
90.0	6126.2	6206.5	6205.7	6203.5	6199.8	6194.1	6188.2	6180.4	6170.7	6159.0
135.0	6126.2	6151.1	6150.8	6148.9	6145.6	6141.1	6134.8	6127.8	6119.6	6108.9
180.0	6126.2	6102.8	6103.2	6102.0	6099.5	6095.7	6090.9	6084.9	6077.5	6068.7
225.0	6126.2	6060.5	6059.7	6057.9	6054.2	6049.7	6043.8	6036.0	6026.4	6015.4
270.0	6126.2	6204.7	6201.3	6197.6	6192.0	6185.4	6176.9	6166.5	6154.3	6139.2
315.0	6126.2	6147.8	6144.0	6138.8	6132.5	6124.7	6115.0	6104.2	6091.9	6076.5
360.0	6126.2	6098.4	6094.0	6088.4	6081.7	6074.3	6064.7	6053.2	6039.8	6023.7

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	6006.0	5986.4	5964.5	5941.1	5915.5	5887.6	5859.1	5827.9	5795.5	5761.2
45.0	5977.1	5959.2	5939.9	5918.3	5894.5	5869.6	5842.5	5813.5	5783.0	5751.2
90.0	6146.1	6130.9	6114.5	6095.5	6074.3	6052.4	6027.8	6001.0	5972.8	5942.8
135.0	6098.1	6084.7	6070.6	6053.9	6034.6	6013.5	5990.5	5965.2	5938.5	5909.3
180.0	6057.7	6045.1	6030.6	6014.2	5995.2	5975.1	5952.4	5927.9	5901.8	5873.0
225.0	6003.4	5988.1	5971.8	5953.6	5933.2	5911.3	5888.3	5862.3	5835.9	5807.1
270.0	6123.1	6104.9	6084.8	6062.9	6038.4	6012.0	5984.3	5954.2	5922.3	5888.6
315.0	6061.0	6041.7	6021.3	5998.2	5972.9	5946.1	5917.9	5887.4	5855.0	5821.5
360.0	6006.0	5986.4	5964.5	5941.1	5915.5	5887.6	5859.1	5827.9	5795.5	5761.2

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	5725.0	5686.7	5646.6	5605.0	5561.1	5515.5	5467.9	5419.0	5367.4	5314.8
45.0	5716.9	5681.5	5643.2	5603.5	5562.2	5519.4	5473.3	5426.5	5377.4	5325.9
90.0	5911.1	5877.3	5841.2	5803.3	5764.2	5722.2	5677.9	5631.5	5583.5	5533.9
135.0	5877.6	5845.2	5810.7	5774.3	5736.0	5697.0	5653.9	5610.5	5564.1	5515.3
180.0	5843.5	5813.0	5779.2	5743.5	5705.9	5666.5	5624.8	5581.7	5536.3	5489.4
225.0	5776.1	5744.1	5709.2	5673.2	5633.8	5594.1	5550.6	5506.9	5460.1	5411.7
270.0	5853.2	5815.6	5776.3	5735.4	5692.3	5647.4	5601.3	5552.0	5501.5	5449.5
315.0	5785.2	5748.4	5707.9	5666.9	5622.7	5577.4	5530.5	5480.3	5429.8	5376.5
360.0	5725.0	5686.7	5646.6	5605.0	5561.1	5515.5	5467.9	5419.0	5367.4	5314.8

Cly	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	5260.0	5203.9	5145.2	5085.4	5023.7	4960.5	4894.0	4826.4	4756.7	4683.7
45.0	5272.7	5216.5	5158.5	5097.6	5036.2	4970.4	4904.2	4834.7	4763.7	4690.2
90.0	5483.2	5428.6	5374.7	5318.2	5259.4	5199.9	5136.7	5070.5	5005.5	4935.8
135.0	5464.9	5412.9	5356.8	5300.7	5242.0	5179.2	5117.1	5050.6	4983.9	4913.7
180.0	5441.6	5390.4	5339.4	5285.5	5230.1	5173.6	5113.3	5051.6	4988.8	4922.9
225.0	5361.6	5310.0	5254.6	5198.1	5140.5	5077.4	5014.9	4949.9	4882.9	4813.5
270.0	5396.3	5341.7	5284.1	5225.8	5164.9	5102.5	5036.7	4970.2	4900.9	4829.0
315.0	5321.7	5263.7	5204.2	5141.8	5078.6	5010.9	4942.1	4871.1	4798.6	4723.8
360.0	5260.0	5203.9	5145.2	5085.4	5023.7	4960.5	4894.0	4826.4	4756.7	4683.7

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	4610.3	4533.5	4455.0	4375.1	4291.2	4204.6	4116.9	4023.4	3934.4	3839.2
45.0	4615.8	4539.8	4462.1	4382.5	4300.8	4217.5	4131.2	4043.4	3950.2	3858.1
90.0	4866.0	4791.9	4716.8	4640.9	4559.9	4481.1	4394.8	4310.0	4219.7	4124.7
135.0	4844.2	4767.4	4694.1	4617.2	4536.6	4458.1	4374.5	4289.1	4204.0	4113.1
180.0	4856.8	4786.0	4714.6	4641.0	4562.5	4485.1	4401.2	4318.2	4230.1	4138.5
225.0	4745.4	4670.0	4597.5	4522.0	4441.1	4362.6	4278.3	4192.8	4107.4	4015.0
270.0	4756.7	4678.4	4600.3	4519.7	4436.5	4351.0	4263.3	4170.5	4079.8	3983.5
315.0	4647.3	4569.5	4489.6	4407.8	4322.3	4236.0	4146.8	4057.2	3961.7	3867.0
360.0	4610.3	4533.5	4455.0	4375.1	4291.2	4204.6	4116.9	4023.4	3934.4	3839.2

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	3743.4	3647.9	3547.9	3450.9	3343.2	3239.5	3127.3	3016.6	2901.4	2784.2
45.0	3759.5	3663.5	3561.3	3460.9	3355.3	3247.5	3134.1	3018.9	2904.4	2784.9
90.0	4029.3	3931.9	3831.2	3732.6	3630.0	3525.2	3423.7	3314.0	3205.1	3092.2
135.0	4022.9	3928.1	3829.7	3730.4	3627.2	3522.3	3411.7	3302.4	3186.1	3068.0
180.0	4046.8	3952.8	3856.9	3763.5	3664.9	3563.1	3462.0	3354.5	3245.2	3132.4
225.0	3924.0	3829.3	3730.1	3630.5	3527.6	3422.4	3311.7	3202.4	3087.6	2972.3
270.0	3886.4	3789.1	3686.9	3588.0	3481.4	3378.8	3267.1	3156.7	3040.4	2922.7
315.0	3766.9	3667.2	3562.0	3458.2	3348.2	3239.3	3124.4	3006.9	2889.9	2769.2
360.0	3743.4	3647.9	3547.9	3450.9	3343.2	3239.5	3127.3	3016.6	2901.4	2784.2

Cly	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	2666.2	2546.8	2423.1	2300.4	2177.4	2051.1	1925.5	1798.4	1669.4	1537.7
45.0	2668.4	2551.9	2427.0	2302.0	2183.9	2059.1	1932.3	1804.2	1676.8	1549.0
90.0	2976.8	2857.1	2735.9	2610.9	2482.6	2354.3	2227.7	2096.6	1965.3	1834.6
135.0	2949.0	2828.2	2704.1	2586.2	2465.4	2338.0	2213.4	2087.9	1953.7	1818.9
180.0	3019.9	2903.2	2787.2	2668.3	2548.1	2420.2	2292.4	2164.7	2035.9	1907.2
225.0	2856.8	2742.6	2620.8	2501.8	2377.4	2249.9	2124.3	1996.4	1865.6	1739.8
270.0	2801.1	2679.1	2557.2	2430.5	2307.5	2176.4	2047.0	1918.4	1790.5	1659.2
315.0	2651.3	2532.6	2406.1	2279.7	2159.1	2028.9	1897.0	1766.2	1638.8	1509.6
360.0	2666.2	2546.8	2423.1	2300.4	2177.4	2051.1	1925.5	1798.4	1669.4	1537.7

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	1407.0	1279.5	1150.9	1025.1	899.3	777.8	659.3	543.6	442.7	343.4
45.0	1425.8	1298.8	1175.2	1056.8	931.4	810.8	697.6	589.8	484.8	385.0
90.0	1704.2	1569.7	1430.1	1299.7	1169.7	1038.2	911.1	779.7	655.2	543.7
135.0	1691.7	1560.5	1434.8	1307.0	1173.2	1046.9	920.7	795.4	684.2	571.6
180.0	1777.7	1648.7	1516.9	1386.9	1259.7	1133.1	997.9	872.2	747.2	630.6
225.0	1615.8	1485.8	1362.3	1239.3	1111.1	985.4	859.7	733.6	630.3	524.3
270.0	1521.9	1390.7	1260.2	1119.8	988.8	857.8	738.5	612.8	500.8	397.0
315.0	1384.8	1255.9	1133.8	1013.2	885.0	764.6	650.6	536.1	439.0	340.5
360.0	1407.0	1279.5	1150.9	1025.1	899.3	777.8	659.3	543.6	442.7	343.4

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	256.5	183.1	120.8	73.7	38.6	17.1	7.8	6.1	4.9	4.9
45.0	297.6	226.8	156.1	102.9	61.4	31.6	14.4	7.2	5.5	4.6
90.0	440.6	341.9	262.0	182.4	121.3	73.8	40.1	16.0	8.2	6.0
135.0	463.9	364.0	278.7	198.0	135.1	90.9	46.8	22.9	9.2	6.3
180.0	511.5	410.4	306.5	231.2	156.2	100.9	54.4	26.6	9.4	6.5
225.0	412.8	328.6	240.1	167.7	112.4	64.6	31.8	13.4	7.2	5.3
270.0	302.8	217.5	150.0	99.9	50.0	26.3	9.5	6.9	5.2	5.1
315.0	258.6	176.8	117.6	70.3	37.5	16.8	7.8	5.9	4.8	4.8
360.0	256.5	183.1	120.8	73.7	38.6	17.1	7.8	6.1	4.9	4.9

Cly	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0
0.0	5.6	6.1	6.6	7.1	7.7	8.3	8.9	9.5	10.2	10.6
45.0	5.1	5.5	6.0	6.5	7.0	7.6	8.2	8.8	9.4	9.9
90.0	5.1	5.4	5.8	6.3	6.8	7.3	7.9	8.5	9.1	9.5
135.0	5.0	4.9	5.3	5.8	6.3	6.8	7.3	7.9	8.5	9.0
180.0	5.0	4.8	5.3	5.7	6.2	6.8	7.3	7.8	8.5	8.9
225.0	4.7	5.0	5.5	5.9	6.4	7.0	7.5	8.1	8.7	9.2
270.0	5.7	6.1	6.6	7.1	7.6	8.2	8.8	9.4	10.0	10.4
315.0	5.4	5.9	6.4	6.9	7.5	8.1	8.7	9.4	10.0	10.4
360.0	5.6	6.1	6.6	7.1	7.7	8.3	8.9	9.5	10.2	10.6

Cly	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	11.5	12.2	12.9	13.6	14.3	15.0	15.8	16.5	17.2	17.9
45.0	10.7	11.4	12.1	12.7	13.5	14.1	14.9	15.6	16.4	17.0
90.0	10.4	11.1	11.9	12.6	13.3	14.0	14.8	15.5	16.3	16.9
135.0	9.8	10.4	11.1	11.8	12.5	13.2	13.9	14.6	15.4	15.8
180.0	9.7	10.4	11.0	11.7	12.4	13.1	13.8	14.6	15.3	15.8
225.0	10.0	10.6	11.3	12.0	12.7	13.4	14.1	14.8	15.5	16.0
270.0	11.3	12.0	12.7	13.4	14.1	14.9	15.6	16.3	17.1	17.7
315.0	11.3	12.0	12.7	13.4	14.2	14.9	15.6	16.4	17.2	17.7
360.0	11.5	12.2	12.9	13.6	14.3	15.0	15.8	16.5	17.2	17.9

Cly	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	18.8	19.6	20.3	21.1	21.9	22.6	23.4	24.1	24.9	25.4
45.0	17.9	18.6	19.4	20.1	20.9	21.7	22.4	23.1	23.9	24.5
90.0	17.8	18.5	19.3	20.1	20.8	21.6	22.4	23.1	23.9	24.5
135.0	16.8	17.5	18.3	19.1	19.9	20.6	21.4	22.1	22.9	23.3
180.0	16.8	17.5	18.3	19.1	19.8	20.6	21.4	22.1	22.8	23.3
225.0	17.0	17.7	18.5	19.2	20.0	20.7	21.5	22.3	23.0	23.5
270.0	18.6	19.4	20.1	20.9	21.7	22.4	23.2	23.9	24.7	25.2
315.0	18.7	19.5	20.3	21.1	21.9	22.6	23.4	24.1	24.9	25.4
360.0	18.8	19.6	20.3	21.1	21.9	22.6	23.4	24.1	24.9	25.4

Photometric Data Table [cd]

C _v	120.0	121.0	122.0	123.0	124.0	125.0	126.0	127.0	128.0	129.0
0.0	26.4	27.0	27.7	28.4	29.1	29.7	30.3	30.9	31.5	32.0
45.0	25.3	26.0	26.7	27.4	28.0	28.7	29.3	29.9	30.5	30.8
90.0	25.4	26.1	26.9	27.6	28.3	29.0	29.6	30.3	30.9	31.2
135.0	24.4	25.1	25.9	26.6	27.3	28.0	28.6	29.2	29.8	30.1
180.0	24.3	25.1	25.8	26.5	27.2	27.9	28.5	29.2	29.8	30.1
225.0	24.5	25.2	25.9	26.6	27.3	27.9	28.5	29.1	29.7	30.0
270.0	26.1	26.9	27.6	28.4	29.1	29.7	30.3	31.0	31.6	32.0
315.0	26.4	27.1	27.8	28.5	29.1	29.7	30.4	31.0	31.5	32.0
360.0	26.4	27.0	27.7	28.4	29.1	29.7	30.3	30.9	31.5	32.0

C _v	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	32.6	33.1	33.5	34.0	34.4	34.7	35.2	35.6	36.0	36.1
45.0	31.5	32.0	32.5	33.0	33.4	33.8	34.2	34.6	34.9	34.9
90.0	32.1	32.7	33.2	33.7	34.1	34.5	34.9	35.3	35.7	35.8
135.0	30.9	31.5	32.0	32.5	33.0	33.4	33.9	34.3	34.6	34.8
180.0	31.0	31.6	32.1	32.5	33.0	33.4	33.8	34.3	34.7	34.9
225.0	30.8	31.3	31.8	32.3	32.7	33.2	33.5	33.9	34.3	34.4
270.0	32.7	33.3	33.8	34.2	34.7	35.0	35.4	35.8	36.1	36.1
315.0	32.6	33.1	33.5	34.0	34.4	34.8	35.2	35.6	35.9	36.1
360.0	32.6	33.1	33.5	34.0	34.4	34.7	35.2	35.6	36.0	36.1

C _v	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	36.7	37.1	37.4	37.8	38.0	38.3	38.7	38.9	39.2	39.3
45.0	35.7	36.0	36.4	36.7	37.1	37.4	37.8	38.1	38.4	38.5
90.0	36.3	36.6	36.9	37.2	37.5	37.8	38.1	38.5	38.9	39.0
135.0	35.3	35.7	36.1	36.4	36.8	37.2	37.5	37.9	38.2	38.3
180.0	35.5	35.8	36.3	36.6	37.0	37.3	37.6	37.9	38.2	38.3
225.0	34.9	35.3	35.7	36.0	36.3	36.7	37.1	37.4	37.8	38.0
270.0	36.7	37.0	37.3	37.6	38.0	38.3	38.7	39.1	39.4	39.5
315.0	36.6	36.9	37.3	37.6	38.0	38.3	38.7	39.0	39.3	39.3
360.0	36.7	37.1	37.4	37.8	38.0	38.3	38.7	38.9	39.2	39.3

C _v	150.0	151.0	152.0	153.0	154.0	155.0	156.0	157.0	158.0	159.0
0.0	39.9	40.2	40.6	41.0	41.3	41.7	42.0	42.4	42.7	42.9
45.0	39.1	39.4	39.7	40.0	40.3	40.7	41.0	41.4	41.8	41.9
90.0	39.6	39.9	40.3	40.6	41.0	41.3	41.7	42.0	42.4	42.4
135.0	38.8	39.2	39.5	39.8	40.2	40.5	40.9	41.3	41.7	41.7
180.0	38.8	39.2	39.5	39.9	40.4	40.8	41.2	41.6	42.0	42.1
225.0	38.4	38.7	39.0	39.3	39.6	40.0	40.4	40.8	41.1	41.4
270.0	40.1	40.4	40.7	41.0	41.4	41.7	42.1	42.5	42.8	42.9
315.0	39.9	40.2	40.5	40.8	41.0	41.4	41.7	42.0	42.4	42.4
360.0	39.9	40.2	40.6	41.0	41.3	41.7	42.0	42.4	42.7	42.9

Photometric Data Table [cd]

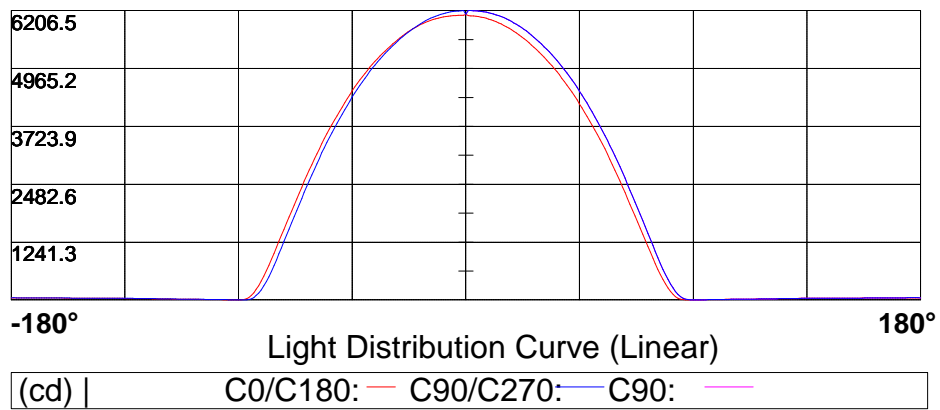
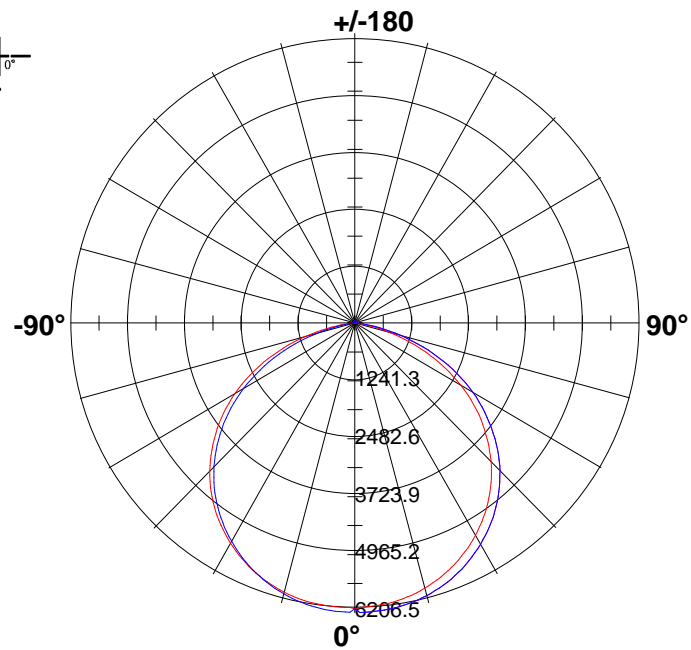
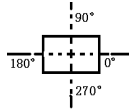
C _v γ	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	43.4	43.7	44.0	44.3	44.6	44.8	45.1	45.3	45.5	45.5
45.0	42.5	42.9	43.2	43.5	43.9	44.2	44.5	44.8	45.1	45.3
90.0	43.1	43.5	44.0	44.3	44.8	45.2	45.6	45.9	46.2	46.2
135.0	42.4	42.8	43.2	43.6	43.9	44.3	44.7	45.0	45.4	45.5
180.0	42.7	43.1	43.5	43.9	44.3	44.7	45.1	45.4	45.7	45.8
225.0	41.9	42.3	42.6	43.0	43.3	43.7	44.1	44.5	44.8	45.0
270.0	43.6	44.0	44.3	44.6	45.0	45.3	45.5	45.7	45.9	46.0
315.0	43.0	43.3	43.6	43.9	44.1	44.4	44.7	45.1	45.4	45.5
360.0	43.4	43.7	44.0	44.3	44.6	44.8	45.1	45.3	45.5	45.5

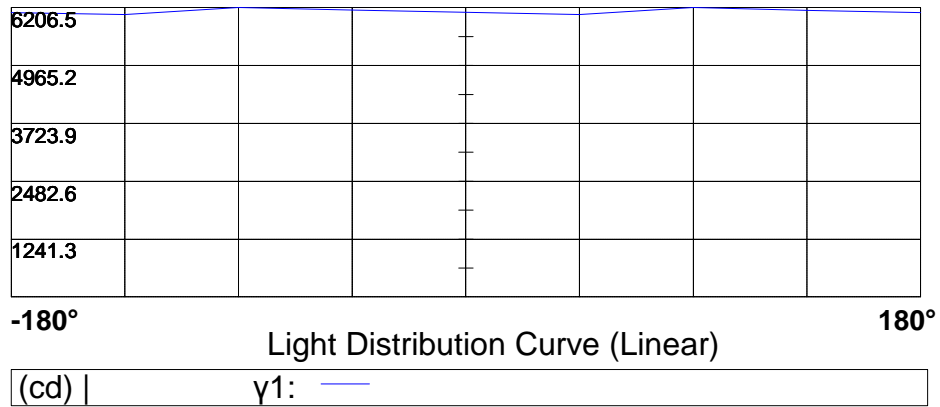
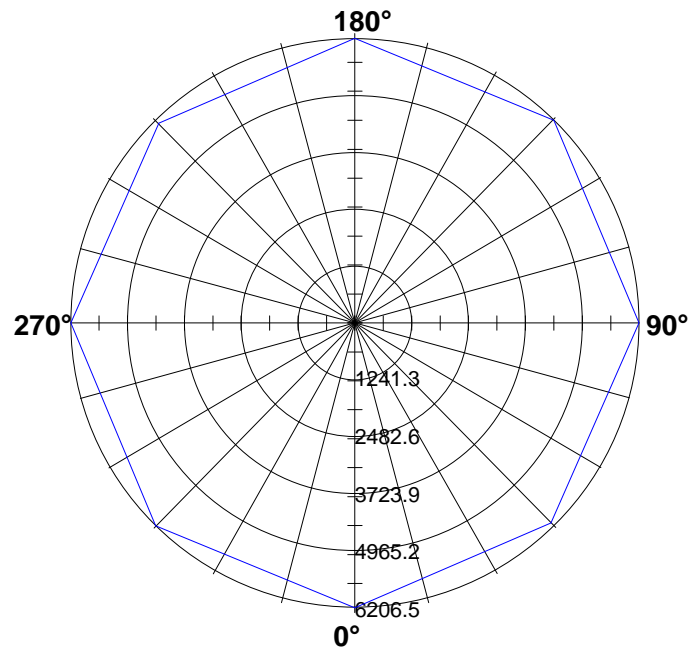
C _v γ	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	45.8	46.1	46.2	46.4	46.6	46.8	47.0	47.1	47.2	47.2
45.0	45.7	46.0	46.3	46.6	47.0	47.2	47.4	47.6	47.7	47.5
90.0	46.7	47.0	47.3	47.5	47.7	48.0	48.1	48.3	48.5	48.4
135.0	46.1	46.4	46.7	47.0	47.3	47.6	47.8	48.0	48.0	47.9
180.0	46.2	46.4	46.7	46.9	47.1	47.3	47.5	47.7	47.7	47.5
225.0	45.5	45.8	46.1	46.4	46.7	47.0	47.2	47.3	47.4	47.3
270.0	46.3	46.5	46.7	46.9	47.1	47.3	47.4	47.6	47.8	47.9
315.0	46.0	46.3	46.6	46.8	47.1	47.4	47.6	47.8	47.9	47.9
360.0	45.8	46.1	46.2	46.4	46.6	46.8	47.0	47.1	47.2	47.2

C _v γ	180.0
0.0	47.2
45.0	47.2
90.0	47.2
135.0	47.2
180.0	47.2
225.0	47.2
270.0	47.2
315.0	47.2
360.0	47.2

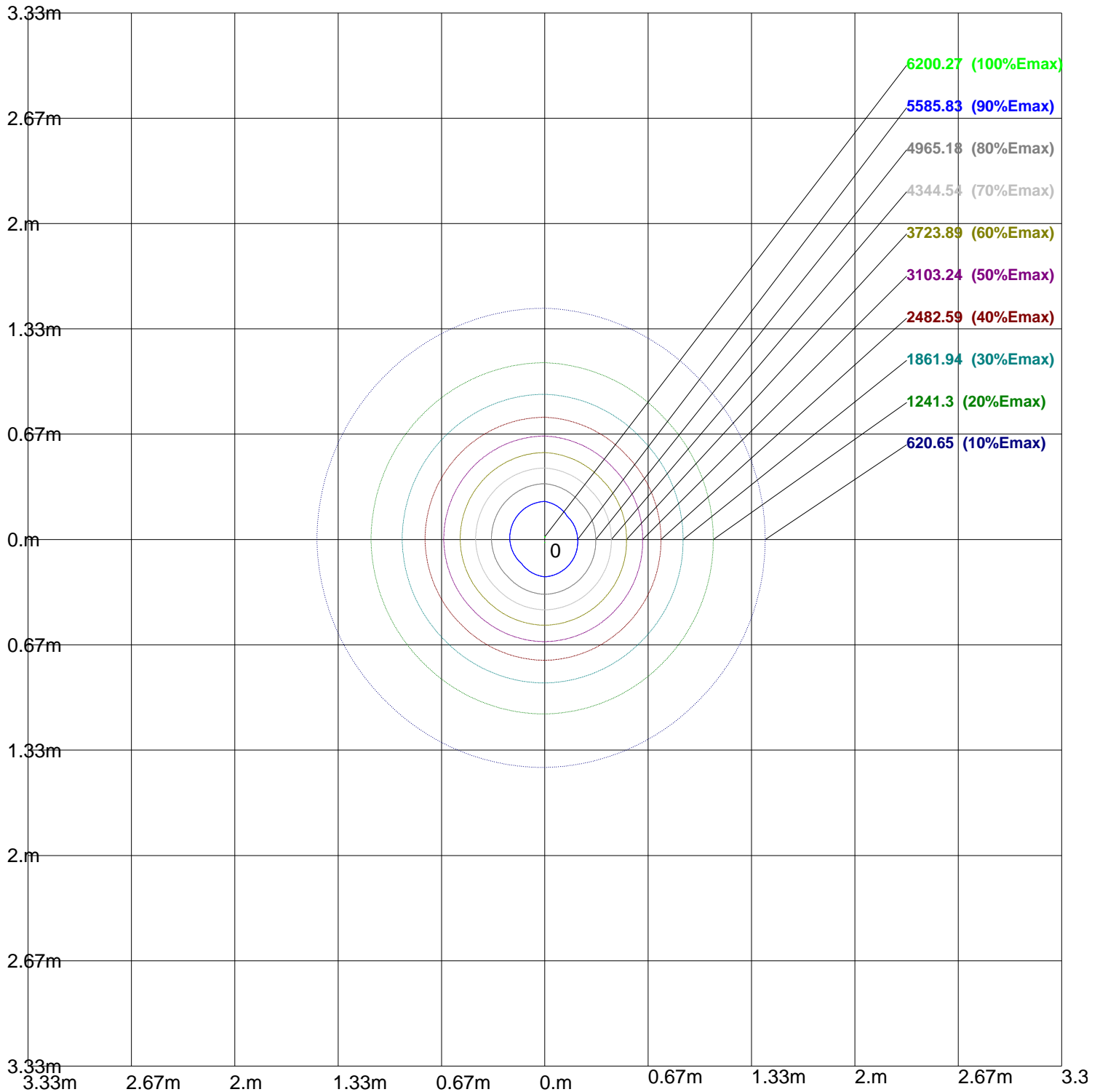
Light Distribution Curve [Unit: cd]

Luminaire



Max Plane Light Distribution Curve [Unit: cd]

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 6206.48lx

Luminance Limiting Curve

Diameter: 0mm

Length: 290mm

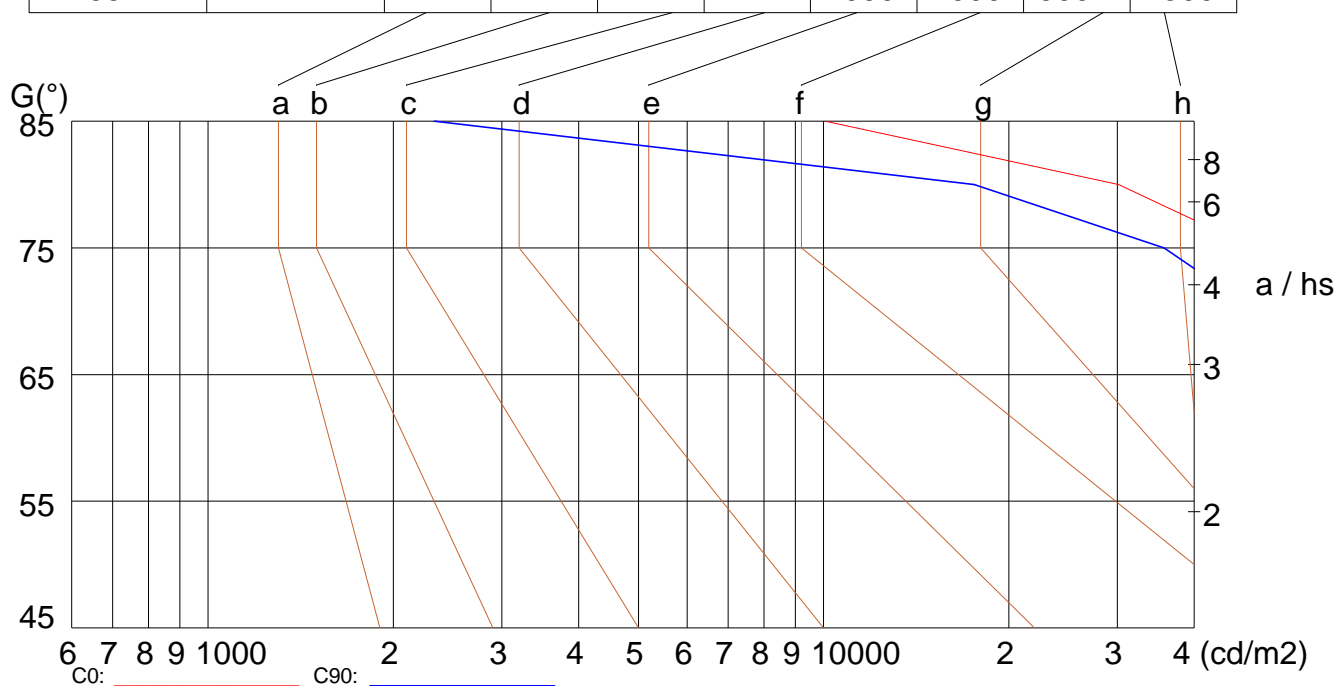
Width: 290mm

Height: 42mm

(cd/m²)

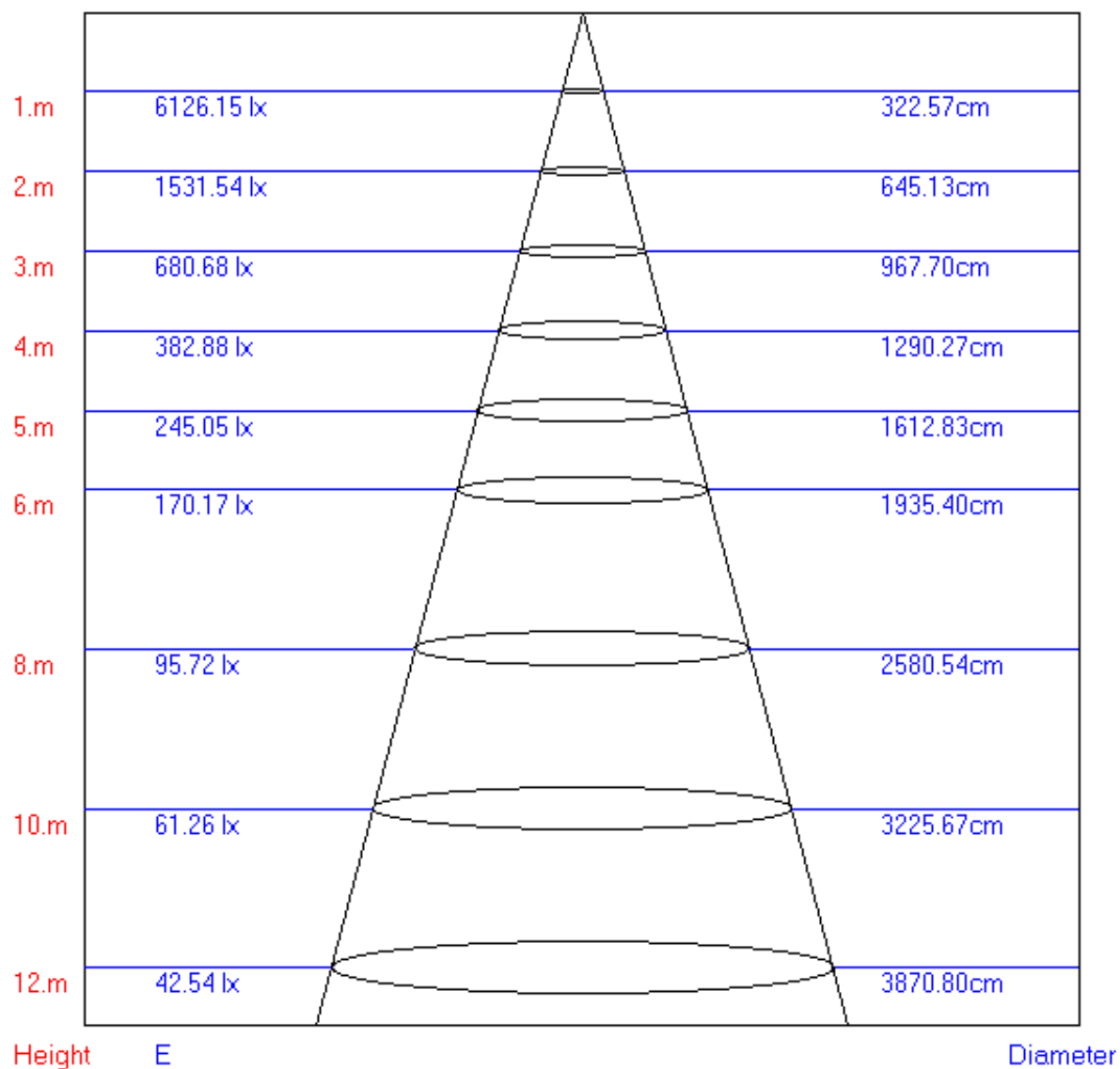
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	75353	74537	73080	70792	66240	59247	47697	30167	10062
C90	70704	69247	67157	63405	57709	48917	35734	17566	2330

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:116.10°

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

