

## Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] NP-S1220-W27-10-CC

Sum Lumens: 479.15 lm

Number of Lamps: 1

Diameter: 0mm

Length: 1000mm

Photometric Type: Type C

Voltage: 24.0 V

Current: 0.4375 A

Power: 10.5 W

Power Factor: 1.000

Ballast Type:

Width: 12mm

Height: 20mm

Remark:

## Photometric Results

Lumens: 479.15 lm

Efficiency: 100%

Central Intensity: 154.306cd

Maximum Intensity: 155.07cd

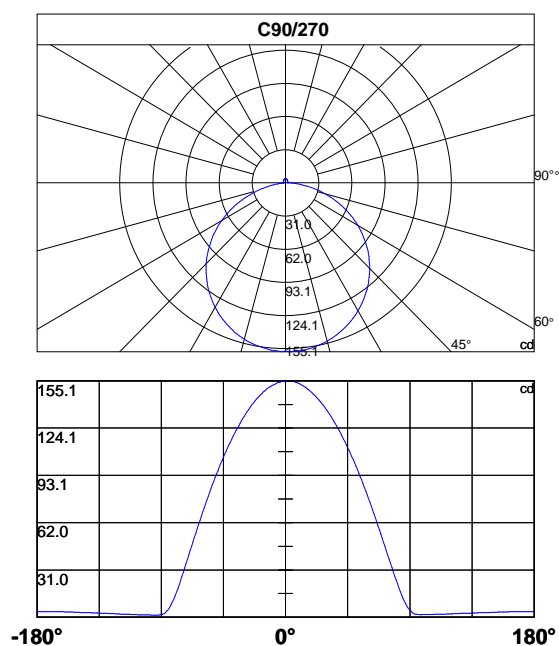
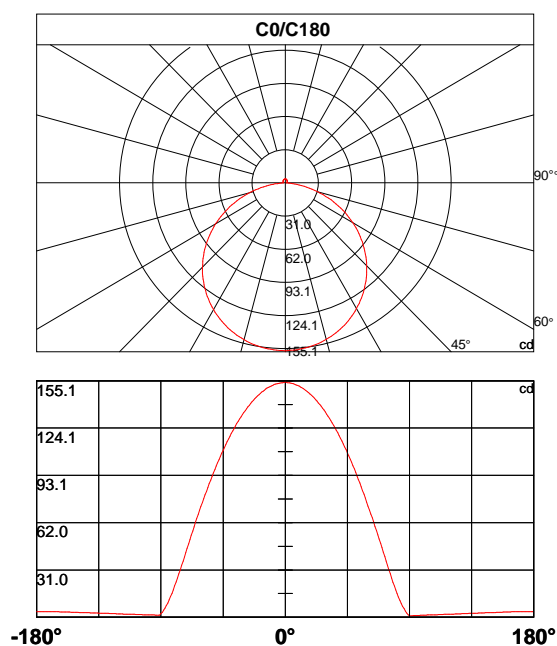
Beam Angle(10%): Left: -81.3 Right:81.6

Angle of maximum intensity: C:90.0 G:2.0

Half Peak Side Angle(50%): Left: -58.7 Right:58.2

Up Flux Rate: 2.97%

Down Flux Rate: 97.03%



**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	154.3	153.9	153.8	153.7	153.5	153.3	153.0	152.7	152.4	152.0
30.0	154.3	154.1	154.0	153.9	153.7	153.5	153.2	152.9	152.6	152.2
60.0	154.3	153.6	153.5	153.4	153.3	153.1	152.8	152.5	152.2	151.8
90.0	154.3	155.1	155.1	155.0	154.9	154.7	154.5	154.2	153.9	153.6
120.0	154.3	154.7	154.7	154.6	154.5	154.3	154.1	153.9	153.6	153.2
150.0	154.3	154.6	154.5	154.5	154.4	154.2	154.0	153.7	153.4	153.1
180.0	154.3	153.9	153.9	153.8	153.6	153.4	153.2	152.9	152.6	152.2
210.0	154.3	154.1	154.0	153.9	153.8	153.6	153.3	153.1	152.7	152.3
240.0	154.3	153.6	153.5	153.4	153.2	153.0	152.8	152.5	152.1	151.7
270.0	154.3	154.9	154.8	154.6	154.3	154.0	153.6	153.2	152.8	152.3
300.0	154.3	154.7	154.6	154.4	154.3	154.0	153.7	153.4	153.0	152.6
330.0	154.3	154.5	154.4	154.2	154.0	153.8	153.5	153.2	152.8	152.4
360.0	154.3	153.9	153.8	153.7	153.5	153.3	153.0	152.7	152.4	152.0

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	151.6	151.1	150.6	150.0	149.4	148.7	147.9	147.2	146.4	145.6
30.0	151.8	151.3	150.8	150.2	149.6	148.9	148.2	147.4	146.6	145.8
60.0	151.4	150.9	150.4	149.9	149.3	148.6	147.9	147.1	146.4	145.6
90.0	153.1	152.6	152.1	151.5	151.0	150.3	149.6	148.9	148.1	147.3
120.0	152.7	152.3	151.8	151.3	150.8	150.1	149.4	148.7	148.0	147.1
150.0	152.7	152.3	151.8	151.3	150.7	150.1	149.4	148.8	148.0	147.2
180.0	151.8	151.3	150.8	150.3	149.7	149.1	148.4	147.6	147.0	146.1
210.0	151.9	151.4	150.9	150.4	149.8	149.1	148.4	147.6	146.9	146.0
240.0	151.2	150.7	150.2	149.6	149.0	148.2	147.4	146.7	145.9	144.9
270.0	151.8	151.3	150.8	150.2	149.5	148.6	147.8	146.9	146.1	145.1
300.0	152.1	151.6	151.0	150.4	149.7	148.9	148.1	147.3	146.5	145.5
330.0	151.9	151.4	150.8	150.2	149.6	148.8	148.1	147.3	146.5	145.6
360.0	151.6	151.1	150.6	150.0	149.4	148.7	147.9	147.2	146.4	145.6

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	144.7	143.7	142.8	141.8	140.7	139.5	138.4	137.2	135.9	134.6
30.0	144.9	144.0	143.0	142.0	140.9	139.8	138.6	137.4	136.2	134.9
60.0	144.6	143.7	142.8	141.8	140.7	139.6	138.5	137.3	136.1	134.8
90.0	146.5	145.6	144.6	143.7	142.7	141.6	140.5	139.3	138.1	136.9
120.0	146.3	145.4	144.5	143.5	142.5	141.4	140.3	139.1	137.9	136.7
150.0	146.4	145.5	144.6	143.6	142.6	141.5	140.4	139.3	138.1	136.9
180.0	145.2	144.3	143.4	142.4	141.4	140.4	139.1	137.9	136.8	135.6
210.0	145.1	144.2	143.2	142.2	141.1	140.0	138.9	137.7	136.5	135.1
240.0	144.0	143.1	142.0	140.9	139.9	138.7	137.4	136.2	134.9	133.6
270.0	144.1	143.0	141.9	140.8	139.6	138.4	137.2	135.9	134.6	133.2
300.0	144.5	143.5	142.4	141.3	140.1	138.9	137.7	136.4	135.1	133.7
330.0	144.6	143.6	142.6	141.6	140.4	139.3	138.0	136.8	135.5	134.1
360.0	144.7	143.7	142.8	141.8	140.7	139.5	138.4	137.2	135.9	134.6

**Photometric Data Table [cd]**

Cly	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	133.3	131.9	130.5	129.0	127.5	125.9	124.3	122.6	120.9	119.2
30.0	133.6	132.2	130.8	129.3	127.8	126.2	124.7	123.0	121.3	119.6
60.0	133.5	132.1	130.7	129.3	127.8	126.3	124.8	123.1	121.4	119.8
90.0	135.6	134.3	132.9	131.5	130.0	128.5	127.0	125.4	123.8	122.1
120.0	135.4	134.1	132.7	131.3	129.9	128.3	126.8	125.2	123.6	121.9
150.0	135.6	134.3	132.9	131.5	130.0	128.5	127.0	125.4	123.8	122.1
180.0	134.3	132.9	131.5	130.1	128.6	127.1	125.5	123.9	122.2	120.5
210.0	133.8	132.4	131.1	129.6	128.0	126.5	124.9	123.2	121.5	119.8
240.0	132.2	130.8	129.3	127.8	126.3	124.6	123.0	121.3	119.6	117.8
270.0	131.7	130.3	128.7	127.2	125.5	123.9	122.2	120.5	118.7	116.8
300.0	132.3	130.9	129.4	127.8	126.2	124.6	122.9	121.1	119.3	117.5
330.0	132.7	131.3	129.8	128.3	126.7	125.0	123.4	121.7	120.0	118.2
360.0	133.3	131.9	130.5	129.0	127.5	125.9	124.3	122.6	120.9	119.2

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	117.4	115.6	113.7	111.8	109.8	107.8	105.8	103.7	101.6	99.4
30.0	117.8	116.0	114.2	112.2	110.2	108.4	106.4	104.2	102.2	100.1
60.0	118.0	116.3	114.4	112.6	110.7	108.8	106.8	104.7	102.7	100.6
90.0	120.4	118.7	116.9	115.1	113.1	111.3	109.4	107.4	105.3	103.4
120.0	120.2	118.4	116.7	114.8	112.9	111.0	109.1	107.1	105.0	102.9
150.0	120.4	118.6	116.9	115.0	113.1	111.3	109.3	107.2	105.2	103.3
180.0	118.8	117.0	115.2	113.4	111.4	109.4	107.5	105.5	103.4	101.2
210.0	118.0	116.2	114.4	112.5	110.5	108.7	106.6	104.5	102.4	100.4
240.0	116.0	114.1	112.2	110.3	108.3	106.2	104.2	102.1	99.9	97.7
270.0	114.9	113.1	111.1	109.0	106.9	104.9	102.8	100.6	98.5	96.1
300.0	115.7	113.8	111.8	109.8	107.8	105.7	103.6	101.4	99.2	97.0
330.0	116.3	114.4	112.5	110.4	108.4	106.5	104.4	102.2	100.1	97.8
360.0	117.4	115.6	113.7	111.8	109.8	107.8	105.8	103.7	101.6	99.4

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	97.2	94.9	92.6	90.3	88.0	85.6	83.1	80.7	78.2	75.6
30.0	97.9	95.8	93.5	91.2	88.9	86.5	84.2	81.7	79.2	76.7
60.0	98.5	96.3	94.1	91.9	89.6	87.3	84.9	82.6	80.1	77.6
90.0	101.4	99.2	96.9	94.6	92.3	90.0	87.7	85.3	82.9	80.5
120.0	100.8	98.7	96.5	94.2	91.9	89.6	87.2	84.8	82.5	80.1
150.0	101.2	99.0	96.6	94.3	92.0	89.7	87.3	84.9	82.5	80.0
180.0	99.1	96.9	94.7	92.3	90.0	87.6	85.1	82.6	80.3	77.8
210.0	98.3	96.0	93.6	91.2	88.8	86.5	84.0	81.5	79.0	76.5
240.0	95.5	93.2	91.0	88.6	86.1	83.7	81.1	78.6	76.2	73.6
270.0	93.8	91.6	89.2	86.8	84.3	81.9	79.3	76.8	74.2	71.6
300.0	94.8	92.4	90.0	87.7	85.2	82.7	80.2	77.7	75.1	72.5
330.0	95.6	93.3	91.0	88.6	86.2	83.8	81.3	78.7	76.1	73.6
360.0	97.2	94.9	92.6	90.3	88.0	85.6	83.1	80.7	78.2	75.6

**Photometric Data Table [cd]**

Cly	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	73.0	70.3	67.7	65.1	62.4	59.5	56.8	54.1	51.3	48.4
30.0	74.1	71.6	68.9	66.2	63.7	60.9	58.2	55.4	52.7	49.9
60.0	75.1	72.5	69.9	67.3	64.6	61.7	59.0	56.3	53.5	50.6
90.0	78.0	75.5	73.0	70.4	67.8	65.2	62.5	59.9	57.2	54.4
120.0	77.5	75.0	72.5	69.9	67.3	64.7	61.9	59.1	56.3	53.6
150.0	77.5	74.9	72.4	69.8	67.1	64.5	61.8	59.0	56.3	53.5
180.0	75.2	72.7	70.1	67.4	64.8	62.1	59.3	56.5	53.8	51.0
210.0	73.9	71.3	68.7	66.0	63.3	60.5	57.8	55.0	52.2	49.3
240.0	70.9	68.4	65.8	63.0	60.3	57.6	54.8	51.9	49.2	46.3
270.0	68.9	66.3	63.4	60.7	58.0	55.2	52.4	49.5	46.7	43.8
300.0	69.9	67.1	64.5	61.8	59.0	56.1	53.4	50.6	47.8	44.9
330.0	70.9	68.3	65.5	62.7	60.1	57.3	54.5	51.6	48.8	45.9
360.0	73.0	70.3	67.7	65.1	62.4	59.5	56.8	54.1	51.3	48.4

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	45.5	42.7	39.8	36.9	34.0	31.3	28.5	25.7	23.1	20.5
30.0	47.1	44.2	41.3	38.4	35.6	32.7	29.9	27.0	24.4	21.6
60.0	47.8	45.0	42.3	39.4	36.6	34.0	31.3	28.5	26.0	23.5
90.0	51.8	49.1	46.3	43.4	40.9	38.1	35.3	32.5	29.5	26.9
120.0	50.8	47.8	44.9	42.2	39.4	36.6	33.8	31.1	28.4	25.8
150.0	50.6	47.9	45.2	42.4	39.5	36.5	33.8	31.0	28.2	25.7
180.0	48.2	45.2	42.3	39.6	36.9	34.0	31.2	28.4	25.7	23.2
210.0	46.5	43.7	40.8	37.9	35.0	32.2	29.4	26.7	24.0	21.5
240.0	43.6	40.6	37.7	35.0	32.3	29.4	26.7	24.0	21.3	18.8
270.0	41.0	38.0	35.2	32.3	29.5	26.7	24.0	21.3	18.8	16.2
300.0	42.0	39.2	36.3	33.4	30.6	27.9	25.1	22.4	19.9	17.5
330.0	43.1	40.2	37.4	34.5	31.8	28.9	26.2	23.4	20.8	18.1
360.0	45.5	42.7	39.8	36.9	34.0	31.3	28.5	25.7	23.1	20.5

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	18.0	15.6	13.2	11.1	9.1	7.3	5.7	4.1	2.9	1.6
30.0	19.2	16.7	14.5	12.2	10.2	8.4	6.6	5.2	4.0	3.0
60.0	21.0	18.5	16.1	13.9	11.9	10.0	8.3	6.7	5.3	4.2
90.0	24.5	21.9	19.3	16.8	14.7	12.6	10.6	8.7	7.0	5.8
120.0	23.2	20.8	18.3	16.1	13.9	11.8	9.9	8.2	6.7	5.4
150.0	23.1	20.5	17.8	15.4	13.3	11.2	9.2	7.6	6.2	5.0
180.0	20.6	18.0	15.7	13.5	11.3	9.4	7.6	6.0	4.6	3.2
210.0	18.9	16.4	14.1	12.1	10.0	8.1	6.3	4.8	3.7	2.8
240.0	16.4	14.1	11.9	10.0	8.1	6.4	5.0	4.0	3.1	2.5
270.0	13.9	11.8	9.9	8.0	6.4	5.1	4.0	3.1	2.4	2.0
300.0	15.1	12.9	10.7	8.9	7.2	5.8	4.6	3.6	2.8	2.3
330.0	15.6	13.4	11.4	9.3	7.5	6.0	4.7	3.7	2.8	2.2
360.0	18.0	15.6	13.2	11.1	9.1	7.3	5.7	4.1	2.9	1.6

**Photometric Data Table [cd]**

C <sub>y</sub>	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0
0.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3
30.0	2.3	1.8	1.5	1.3	1.2	1.2	1.2	1.2	1.2	1.3
60.0	3.2	2.6	2.1	1.7	1.5	1.4	1.3	1.3	1.4	1.4
90.0	4.6	3.6	2.9	2.3	2.0	1.8	1.7	1.7	1.6	1.7
120.0	4.3	3.5	2.9	2.4	2.0	1.8	1.7	1.6	1.6	1.7
150.0	3.9	3.0	2.4	2.0	1.8	1.6	1.5	1.5	1.5	1.5
180.0	2.3	1.4	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
210.0	2.2	1.8	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.6
240.0	2.1	1.8	1.7	1.6	1.6	1.6	1.6	1.7	1.7	1.7
270.0	1.7	1.5	1.4	1.3	1.3	1.3	1.4	1.4	1.4	1.4
300.0	1.8	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
330.0	1.8	1.6	1.4	1.3	1.3	1.2	1.2	1.2	1.3	1.3
360.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.3

C <sub>y</sub>	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6
30.0	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6
60.0	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6
90.0	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
120.0	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.9
150.0	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
180.0	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
210.0	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8
240.0	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
270.0	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7
300.0	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6
330.0	1.3	1.3	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6
360.0	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6

C <sub>y</sub>	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0
30.0	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0
60.0	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0
90.0	1.9	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.2
120.0	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2
150.0	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2
180.0	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2
210.0	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2
240.0	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2
270.0	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1
300.0	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
330.0	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0
360.0	1.6	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0

**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	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3
30.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3
60.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4
90.0	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5
120.0	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5
150.0	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
180.0	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.5
210.0	2.2	2.2	2.3	2.3	2.3	2.3	2.4	2.4	2.4	2.5
240.0	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5
270.0	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5
300.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4
330.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3
360.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3

Cly	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
30.0	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7
60.0	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7
90.0	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9
120.0	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8
150.0	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8
180.0	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8
210.0	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8
240.0	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8
270.0	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8
300.0	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7
330.0	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7
360.0	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7

Cly	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0
30.0	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.0
60.0	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1
90.0	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2
120.0	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.1
150.0	2.9	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.1
180.0	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1
210.0	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1
240.0	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2
270.0	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2
300.0	2.8	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.0
330.0	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0
360.0	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0

**Photometric Data Table [cd]**

Cly	150.0	151.0	152.0	153.0	154.0	155.0	156.0	157.0	158.0	159.0
0.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4
30.0	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.4
60.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4
90.0	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5
120.0	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.3	3.4	3.4
150.0	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4
180.0	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4
210.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4
240.0	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4
270.0	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5
300.0	3.1	3.1	3.2	3.2	3.2	3.2	3.3	3.3	3.3	3.3
330.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3
360.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4

Cly	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6
30.0	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6
60.0	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6
90.0	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.6
120.0	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6
150.0	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6
180.0	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6
210.0	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.6
240.0	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
270.0	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7
300.0	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.6	3.6
330.0	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.6	3.6
360.0	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.6	3.6	3.6

Cly	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
30.0	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
60.0	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
90.0	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
120.0	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7
150.0	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7
180.0	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7
210.0	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7
240.0	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7
270.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8
300.0	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7
330.0	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7
360.0	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7

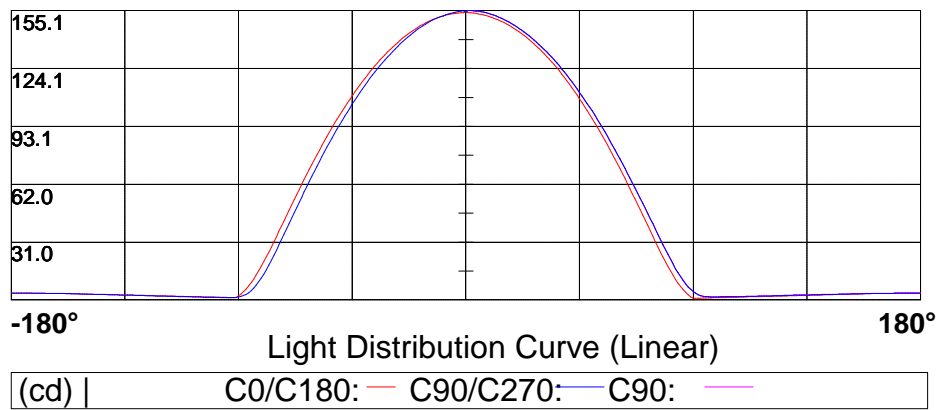
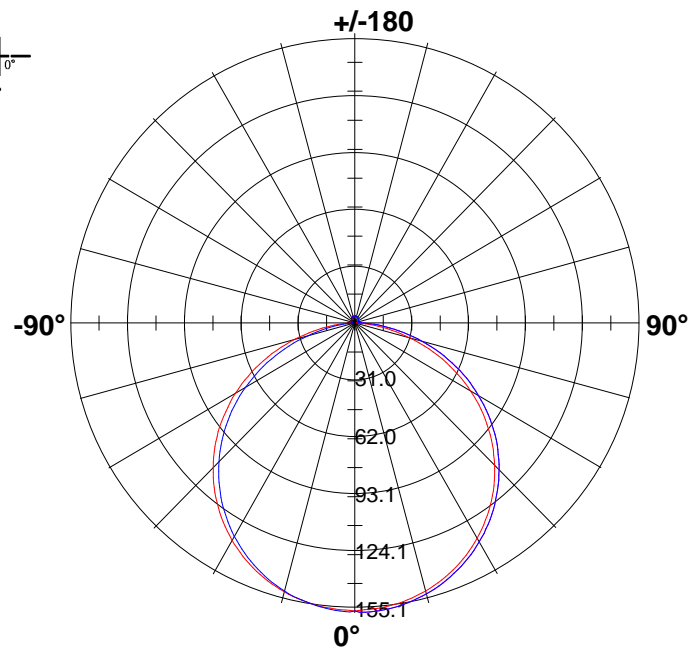
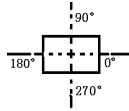
**Photometric Data Table [cd]**

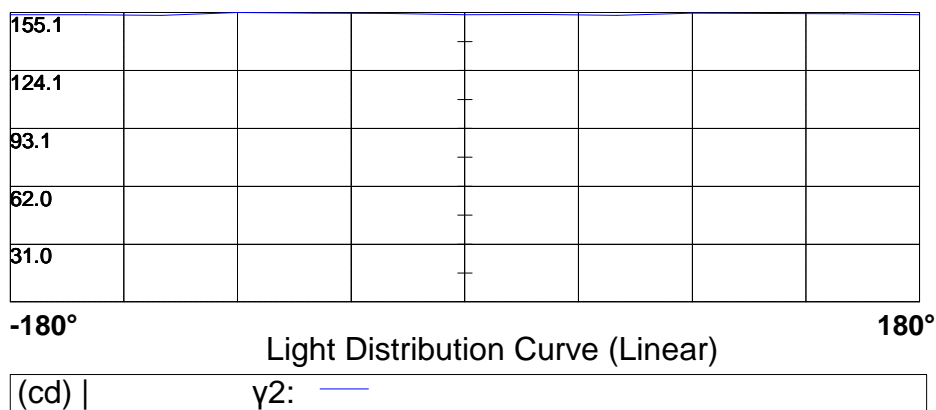
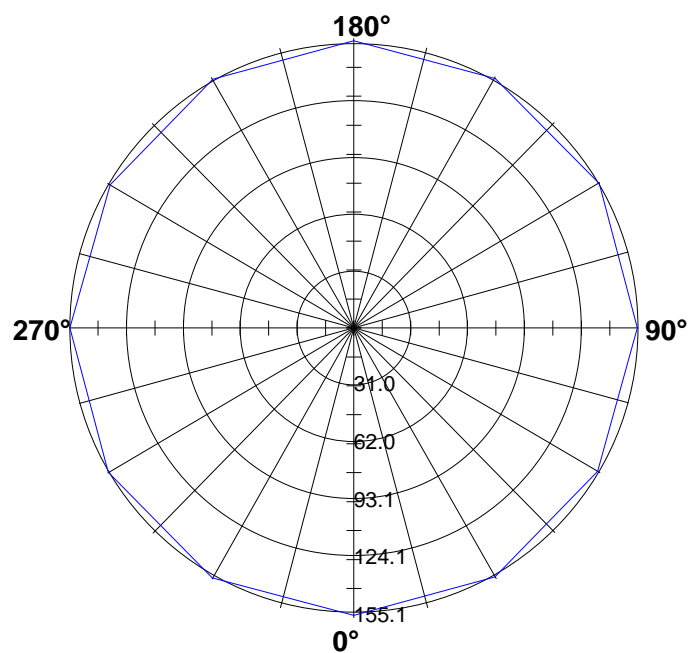
<b>C\γ</b>	<b>180.0</b>
<b>0.0</b>	3.7
<b>30.0</b>	3.7
<b>60.0</b>	3.7
<b>90.0</b>	3.7
<b>120.0</b>	3.7
<b>150.0</b>	3.7
<b>180.0</b>	3.7
<b>210.0</b>	3.7
<b>240.0</b>	3.7
<b>270.0</b>	3.7
<b>300.0</b>	3.7
<b>330.0</b>	3.7
<b>360.0</b>	3.7



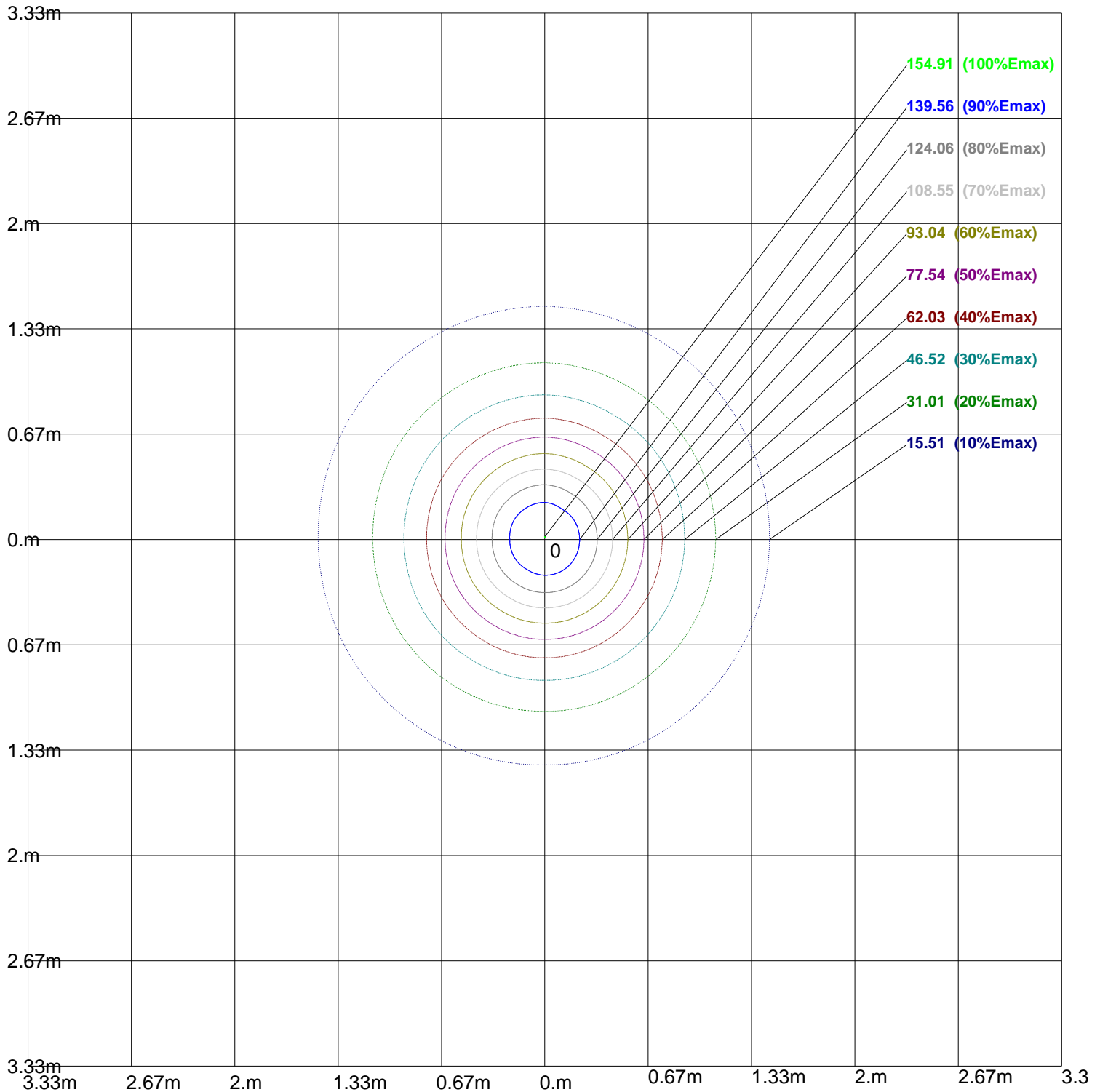
## Light Distribution Curve [Unit: cd]

Luminaire



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

## Iso-Lux[lx]



Height: 1 m  
Max Illuminance : 155.07lx

## Luminance Limiting Curve

Diameter: 0mm

Length: 1000mm

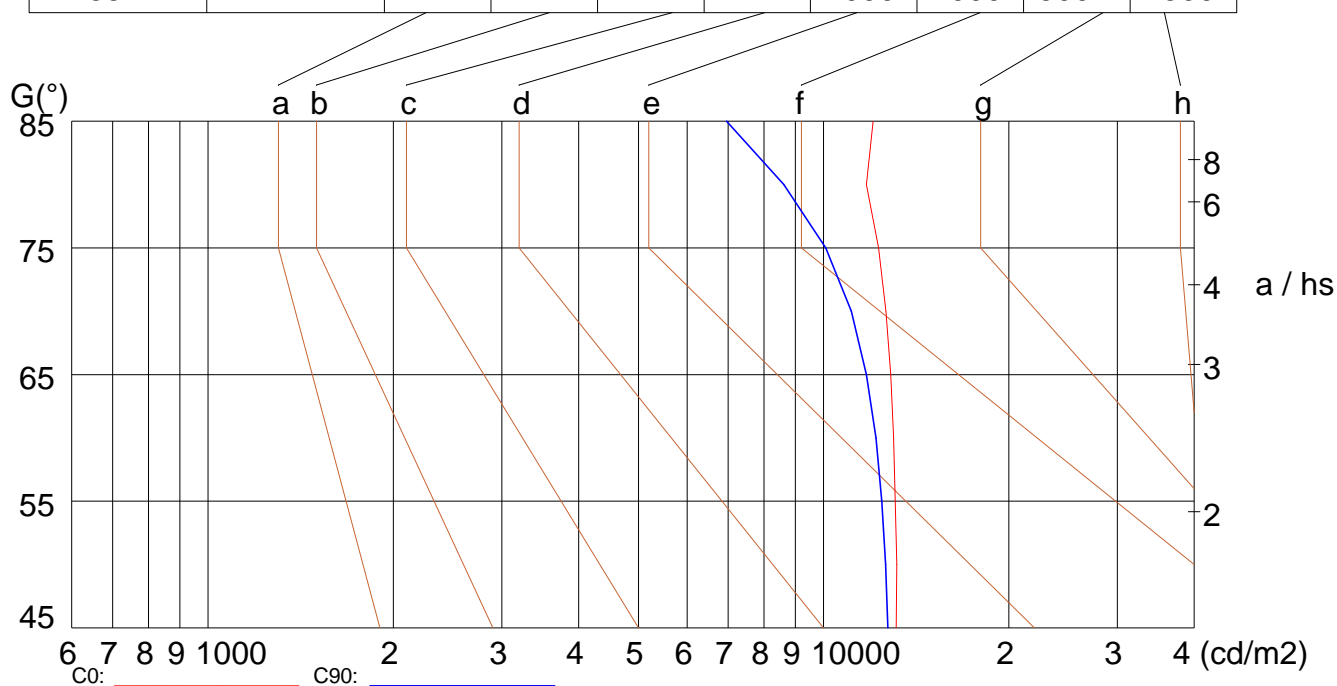
Width: 12mm

Height: 20mm

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

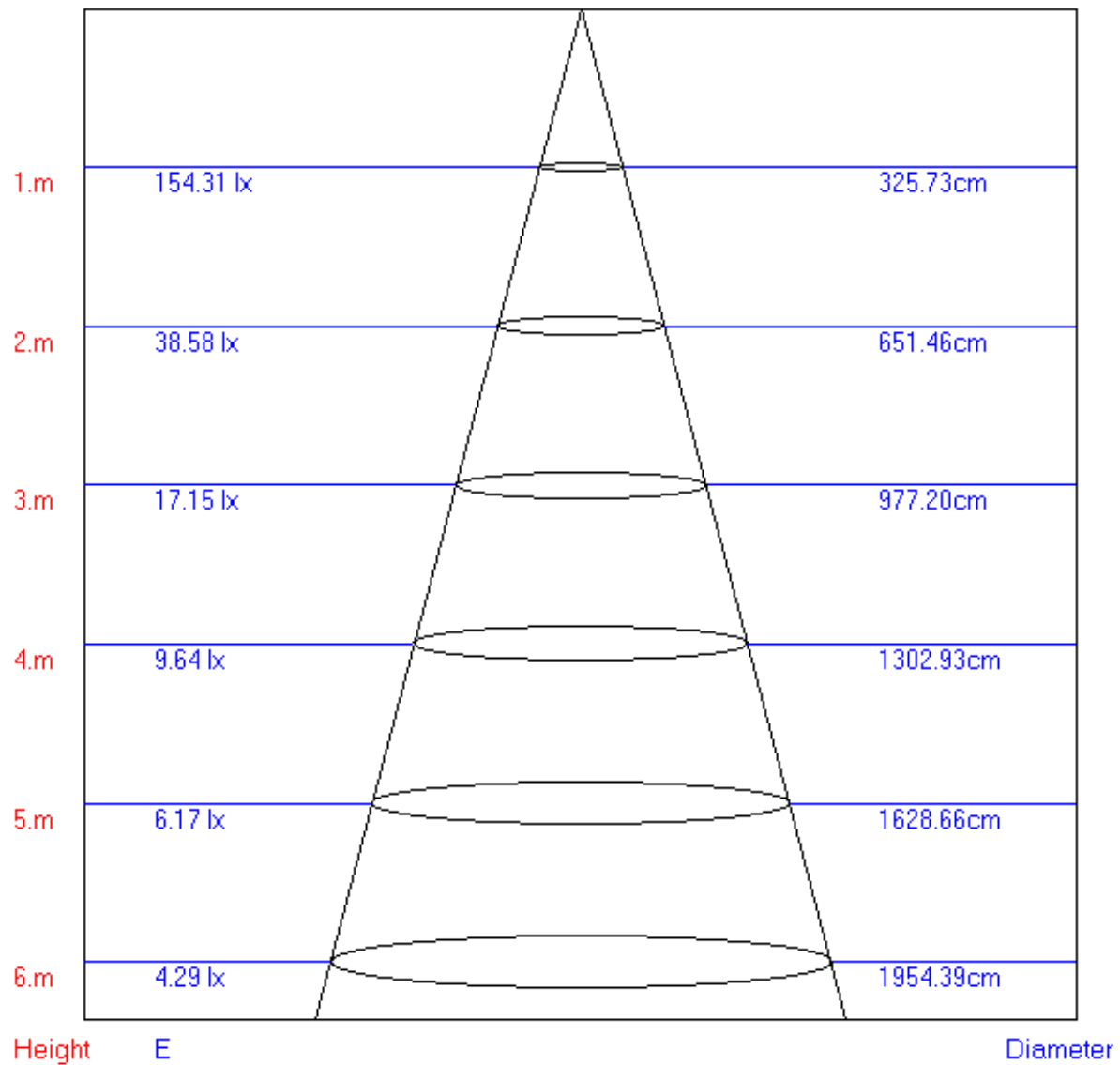
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	13113	13145	13080	13000	12852	12621	12274	11743	12038
C90	12710	12601	12432	12165	11736	11091	10084	8614	6951

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:116.90°

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	1.04	1.02	1.01	1.03	1.01	0.99	0.99	0.97	0.95	0.95	0.92	0.90	0.88	0.86	0.83	0.78
2	0.88	0.86	0.84	0.88	0.85	0.82	0.86	0.82	0.79	0.82	0.78	0.75	0.78	0.74	0.70	0.65
3	0.76	0.73	0.71	0.76	0.72	0.70	0.75	0.70	0.67	0.72	0.67	0.63	0.69	0.64	0.60	0.55
4	0.66	0.63	0.61	0.66	0.62	0.60	0.66	0.61	0.57	0.64	0.59	0.54	0.62	0.56	0.51	0.47
5	0.58	0.55	0.53	0.58	0.54	0.52	0.58	0.53	0.50	0.58	0.52	0.47	0.56	0.50	0.45	0.41
6	0.51	0.48	0.46	0.52	0.48	0.46	0.52	0.47	0.44	0.52	0.46	0.42	0.52	0.45	0.40	0.36
7	0.46	0.43	0.41	0.46	0.43	0.41	0.47	0.42	0.39	0.48	0.42	0.37	0.47	0.41	0.35	0.32
8	0.41	0.39	0.37	0.42	0.39	0.37	0.43	0.38	0.35	0.44	0.38	0.34	0.44	0.37	0.32	0.29
9	0.38	0.35	0.34	0.38	0.35	0.33	0.40	0.35	0.32	0.40	0.35	0.31	0.41	0.34	0.29	0.26
10	0.34	0.32	0.31	0.35	0.32	0.30	0.37	0.32	0.29	0.38	0.32	0.28	0.38	0.32	0.27	0.24

