

## Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] NP-T1615-RGBW-10-CV

Sum Lumens: 345.25 lm

Number of Lamps: 1

Diameter: 0mm

Length: 1000mm

Photometric Type: Type C

Voltage: 24.0 V

Current: 0.4208 A

Power: 10.1 W

Power Factor: 1.000

Ballast Type:

Width: 16mm

Height: 15mm

Remark:

## Photometric Results

Lumens: 345.25 lm

Efficiency: 100%

Central Intensity: 111.185cd

Maximum Intensity: 111.73cd

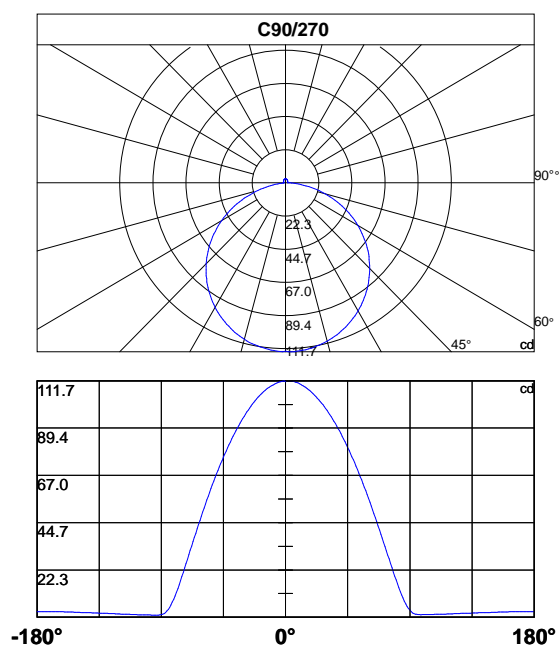
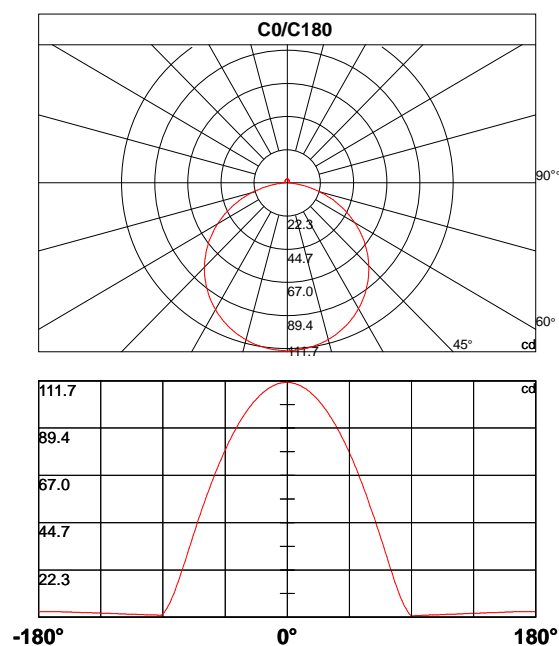
Beam Angle(10%): Left: -81.3 Right:81.6

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]**

C <sub>v</sub> γ	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	111.2	110.9	110.8	110.7	110.6	110.5	110.3	110.1	109.8	109.5
30.0	111.2	111.0	110.9	110.9	110.8	110.6	110.4	110.2	109.9	109.7
60.0	111.2	110.7	110.6	110.5	110.4	110.3	110.1	109.9	109.7	109.4
90.0	111.2	111.7	111.7	111.7	111.6	111.5	111.3	111.1	110.9	110.7
120.0	111.2	111.5	111.5	111.4	111.3	111.2	111.0	110.9	110.6	110.4
150.0	111.2	111.4	111.3	111.3	111.2	111.1	111.0	110.8	110.6	110.3
180.0	111.2	110.9	110.9	110.8	110.7	110.6	110.4	110.2	110.0	109.7
210.0	111.2	111.0	111.0	110.9	110.8	110.7	110.5	110.3	110.0	109.8
240.0	111.2	110.7	110.6	110.5	110.4	110.3	110.1	109.9	109.6	109.3
270.0	111.2	111.7	111.5	111.4	111.2	111.0	110.7	110.4	110.1	109.7
300.0	111.2	111.5	111.4	111.3	111.2	111.0	110.8	110.5	110.3	109.9
330.0	111.2	111.3	111.2	111.1	111.0	110.8	110.6	110.4	110.1	109.8
360.0	111.2	110.9	110.8	110.7	110.6	110.5	110.3	110.1	109.8	109.5

C <sub>v</sub> γ	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	109.2	108.8	108.5	108.1	107.6	107.1	106.6	106.1	105.5	104.9
30.0	109.4	109.0	108.6	108.2	107.8	107.3	106.8	106.2	105.7	105.1
60.0	109.1	108.7	108.4	108.0	107.5	107.1	106.6	106.0	105.5	104.9
90.0	110.3	110.0	109.6	109.2	108.8	108.3	107.8	107.3	106.7	106.2
120.0	110.1	109.7	109.4	109.1	108.6	108.1	107.7	107.1	106.6	106.0
150.0	110.0	109.7	109.4	109.0	108.6	108.2	107.7	107.2	106.7	106.1
180.0	109.3	109.0	108.7	108.3	107.9	107.4	106.9	106.4	105.9	105.3
210.0	109.4	109.1	108.7	108.3	107.9	107.4	106.9	106.4	105.8	105.2
240.0	109.0	108.6	108.2	107.8	107.3	106.8	106.2	105.7	105.1	104.4
270.0	109.4	109.0	108.6	108.2	107.7	107.1	106.5	105.9	105.3	104.6
300.0	109.6	109.2	108.8	108.3	107.9	107.3	106.7	106.1	105.5	104.8
330.0	109.5	109.1	108.7	108.2	107.8	107.2	106.7	106.1	105.5	104.9
360.0	109.2	108.8	108.5	108.1	107.6	107.1	106.6	106.1	105.5	104.9

C <sub>v</sub> γ	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	104.2	103.6	102.9	102.2	101.3	100.5	99.7	98.8	97.9	97.0
30.0	104.4	103.7	103.0	102.3	101.5	100.7	99.9	99.0	98.1	97.2
60.0	104.2	103.6	102.9	102.2	101.4	100.6	99.8	98.9	98.0	97.1
90.0	105.6	104.9	104.2	103.5	102.8	102.0	101.2	100.4	99.5	98.6
120.0	105.4	104.8	104.1	103.4	102.7	101.9	101.1	100.2	99.4	98.5
150.0	105.5	104.9	104.2	103.5	102.8	102.0	101.2	100.4	99.5	98.6
180.0	104.6	104.0	103.3	102.6	101.9	101.1	100.3	99.4	98.6	97.7
210.0	104.6	103.9	103.2	102.5	101.7	100.9	100.1	99.2	98.3	97.4
240.0	103.8	103.1	102.3	101.6	100.8	100.0	99.0	98.1	97.2	96.3
270.0	103.9	103.1	102.3	101.5	100.6	99.8	98.8	97.9	96.9	95.9
300.0	104.1	103.4	102.6	101.8	101.0	100.1	99.2	98.3	97.3	96.3
330.0	104.2	103.5	102.8	102.0	101.2	100.3	99.4	98.6	97.6	96.7
360.0	104.2	103.6	102.9	102.2	101.3	100.5	99.7	98.8	97.9	97.0

**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	96.0	95.1	94.0	92.9	91.8	90.7	89.6	88.3	87.1	85.9
30.0	96.2	95.3	94.2	93.2	92.1	91.0	89.8	88.7	87.4	86.2
60.0	96.2	95.2	94.2	93.2	92.1	91.0	89.9	88.7	87.5	86.3
90.0	97.7	96.7	95.8	94.7	93.7	92.6	91.5	90.4	89.2	88.0
120.0	97.6	96.6	95.6	94.6	93.6	92.5	91.3	90.2	89.1	87.8
150.0	97.7	96.7	95.8	94.8	93.7	92.6	91.5	90.4	89.2	88.0
180.0	96.7	95.8	94.8	93.7	92.7	91.6	90.4	89.2	88.1	86.8
210.0	96.4	95.4	94.4	93.3	92.3	91.1	90.0	88.8	87.6	86.3
240.0	95.3	94.3	93.2	92.1	91.0	89.8	88.6	87.4	86.2	84.9
270.0	94.9	93.8	92.7	91.6	90.4	89.2	88.1	86.8	85.5	84.2
300.0	95.3	94.3	93.2	92.1	90.9	89.8	88.5	87.3	86.0	84.7
330.0	95.6	94.6	93.5	92.4	91.3	90.1	88.9	87.7	86.4	85.1
360.0	96.0	95.1	94.0	92.9	91.8	90.7	89.6	88.3	87.1	85.9

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	84.6	83.3	81.9	80.5	79.1	77.7	76.2	74.7	73.2	71.6
30.0	84.9	83.6	82.3	80.8	79.4	78.1	76.7	75.1	73.6	72.2
60.0	85.1	83.8	82.4	81.1	79.7	78.4	76.9	75.5	74.0	72.5
90.0	86.8	85.5	84.2	82.9	81.5	80.2	78.8	77.3	75.8	74.5
120.0	86.6	85.3	84.1	82.8	81.4	80.0	78.6	77.2	75.7	74.2
150.0	86.7	85.5	84.2	82.8	81.5	80.2	78.8	77.3	75.8	74.4
180.0	85.6	84.3	83.0	81.7	80.3	78.8	77.4	76.0	74.5	72.9
210.0	85.0	83.7	82.4	81.1	79.6	78.3	76.8	75.3	73.8	72.3
240.0	83.6	82.2	80.9	79.5	78.0	76.6	75.1	73.6	72.0	70.4
270.0	82.8	81.5	80.1	78.5	77.0	75.6	74.1	72.5	71.0	69.3
300.0	83.4	82.0	80.6	79.1	77.7	76.2	74.7	73.1	71.5	69.9
330.0	83.8	82.4	81.1	79.6	78.1	76.7	75.2	73.7	72.1	70.5
360.0	84.6	83.3	81.9	80.5	79.1	77.7	76.2	74.7	73.2	71.6

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	70.0	68.4	66.7	65.1	63.4	61.7	59.9	58.2	56.3	54.5
30.0	70.6	69.0	67.4	65.7	64.0	62.3	60.6	58.8	57.0	55.3
60.0	71.0	69.4	67.8	66.2	64.6	62.9	61.2	59.5	57.7	55.9
90.0	73.1	71.5	69.8	68.2	66.5	64.9	63.2	61.4	59.8	58.0
120.0	72.6	71.1	69.5	67.9	66.2	64.6	62.8	61.1	59.4	57.7
150.0	72.9	71.3	69.6	67.9	66.3	64.6	62.9	61.2	59.4	57.6
180.0	71.4	69.8	68.2	66.5	64.8	63.1	61.3	59.5	57.8	56.1
210.0	70.8	69.2	67.4	65.7	64.0	62.3	60.5	58.7	57.0	55.1
240.0	68.8	67.2	65.5	63.8	62.1	60.3	58.5	56.6	54.9	53.0
270.0	67.6	66.0	64.3	62.5	60.8	59.0	57.2	55.3	53.5	51.6
300.0	68.3	66.6	64.8	63.2	61.4	59.6	57.8	56.0	54.1	52.3
330.0	68.9	67.3	65.6	63.8	62.1	60.4	58.6	56.7	54.9	53.0
360.0	70.0	68.4	66.7	65.1	63.4	61.7	59.9	58.2	56.3	54.5

**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	52.6	50.7	48.8	46.9	44.9	42.9	40.9	39.0	37.0	34.8
30.0	53.4	51.6	49.6	47.7	45.9	43.9	42.0	39.9	38.0	35.9
60.0	54.1	52.2	50.4	48.5	46.5	44.5	42.5	40.5	38.5	36.4
90.0	56.2	54.4	52.6	50.7	48.9	47.0	45.0	43.2	41.2	39.2
120.0	55.8	54.0	52.3	50.3	48.5	46.6	44.6	42.6	40.6	38.6
150.0	55.8	54.0	52.2	50.3	48.4	46.4	44.5	42.5	40.6	38.5
180.0	54.2	52.3	50.5	48.6	46.7	44.8	42.7	40.7	38.7	36.7
210.0	53.3	51.3	49.5	47.5	45.6	43.6	41.6	39.6	37.6	35.6
240.0	51.1	49.3	47.4	45.4	43.4	41.5	39.5	37.4	35.4	33.4
270.0	49.6	47.8	45.7	43.7	41.8	39.8	37.8	35.7	33.7	31.6
300.0	50.3	48.3	46.5	44.5	42.5	40.5	38.5	36.5	34.4	32.3
330.0	51.1	49.2	47.2	45.2	43.3	41.3	39.3	37.2	35.2	33.1
360.0	52.6	50.7	48.8	46.9	44.9	42.9	40.9	39.0	37.0	34.8

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	32.8	30.8	28.7	26.6	24.5	22.6	20.6	18.5	16.6	14.8
30.0	33.9	31.8	29.8	27.7	25.6	23.5	21.5	19.5	17.6	15.6
60.0	34.4	32.5	30.5	28.4	26.3	24.5	22.5	20.6	18.7	16.9
90.0	37.3	35.4	33.3	31.3	29.5	27.5	25.5	23.4	21.3	19.4
120.0	36.6	34.4	32.4	30.4	28.4	26.4	24.4	22.4	20.4	18.6
150.0	36.5	34.5	32.6	30.5	28.4	26.3	24.4	22.3	20.3	18.5
180.0	34.7	32.6	30.5	28.5	26.6	24.5	22.5	20.5	18.5	16.7
210.0	33.5	31.5	29.4	27.3	25.2	23.2	21.2	19.2	17.3	15.4
240.0	31.4	29.2	27.1	25.2	23.3	21.2	19.2	17.3	15.4	13.6
270.0	29.5	27.4	25.4	23.3	21.3	19.2	17.3	15.4	13.5	11.7
300.0	30.3	28.2	26.1	24.1	22.1	20.1	18.1	16.1	14.4	12.6
330.0	31.1	29.0	27.0	24.9	22.9	20.8	18.9	16.9	15.0	13.1
360.0	32.8	30.8	28.7	26.6	24.5	22.6	20.6	18.5	16.6	14.8

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	12.9	11.2	9.5	8.0	6.5	5.2	4.1	3.0	2.1	1.2
30.0	13.8	12.0	10.4	8.8	7.4	6.0	4.8	3.8	2.8	2.2
60.0	15.1	13.4	11.6	10.0	8.6	7.2	6.0	4.8	3.8	3.0
90.0	17.6	15.8	13.9	12.1	10.6	9.1	7.6	6.2	5.1	4.1
120.0	16.7	15.0	13.2	11.6	10.0	8.5	7.2	5.9	4.8	3.9
150.0	16.6	14.7	12.8	11.1	9.6	8.1	6.6	5.5	4.5	3.6
180.0	14.8	13.0	11.3	9.7	8.1	6.7	5.4	4.3	3.3	2.3
210.0	13.6	11.8	10.2	8.7	7.2	5.9	4.5	3.5	2.7	2.0
240.0	11.8	10.1	8.6	7.2	5.9	4.6	3.6	2.8	2.3	1.8
270.0	10.0	8.5	7.2	5.8	4.7	3.7	2.8	2.3	1.8	1.4
300.0	10.9	9.3	7.7	6.4	5.2	4.2	3.3	2.6	2.0	1.6
330.0	11.3	9.7	8.2	6.7	5.4	4.3	3.4	2.7	2.0	1.6
360.0	12.9	11.2	9.5	8.0	6.5	5.2	4.1	3.0	2.1	1.2

**Photometric Data Table [cd]**

Cly	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0
0.0	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9
30.0	1.7	1.3	1.1	0.9	0.9	0.9	0.9	0.9	0.9	0.9
60.0	2.3	1.8	1.5	1.2	1.1	1.0	1.0	1.0	1.0	1.0
90.0	3.3	2.6	2.1	1.7	1.5	1.3	1.2	1.2	1.2	1.2
120.0	3.1	2.5	2.1	1.7	1.5	1.3	1.2	1.2	1.2	1.2
150.0	2.8	2.2	1.7	1.5	1.3	1.1	1.1	1.1	1.1	1.1
180.0	1.6	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
210.0	1.6	1.3	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1
240.0	1.5	1.3	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
270.0	1.2	1.1	1.0	1.0	0.9	1.0	1.0	1.0	1.0	1.0
300.0	1.3	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0
330.0	1.3	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
360.0	0.7	0.7	0.7	0.8	0.8	0.8	0.8	0.9	0.9	0.9

Cly	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2
30.0	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2
60.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2
90.0	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.3
120.0	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3
150.0	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
180.0	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
210.0	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
240.0	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.4
270.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2
300.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2
330.0	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2
360.0	0.9	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2

Cly	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4
30.0	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
60.0	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
90.0	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6
120.0	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5	1.6
150.0	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6
180.0	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
210.0	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
240.0	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6
270.0	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.5	1.5	1.5
300.0	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
330.0	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
360.0	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4

**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	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7
30.0	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
60.0	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
90.0	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8
120.0	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.8
150.0	1.6	1.6	1.6	1.7	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	1.7	1.8	1.8
210.0	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8
240.0	1.6	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8
270.0	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8
300.0	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
330.0	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7
360.0	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.7

Cly	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
30.0	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0
60.0	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0
90.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
120.0	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
150.0	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
180.0	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
210.0	1.8	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0
240.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
270.0	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
300.0	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0
330.0	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
360.0	1.7	1.7	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9

Cly	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2
30.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2
60.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2
90.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3	2.3
120.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3
150.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.3
180.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3
210.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
240.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3
270.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.3	2.3
300.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2
330.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2
360.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.2	2.2

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

Cly	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6
30.0	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6
60.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6
90.0	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6
120.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6
150.0	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6
180.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6
210.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6
240.0	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.6
270.0	2.5	2.5	2.5	2.6	2.6	2.6	2.6	2.6	2.6	2.6
300.0	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6
330.0	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6
360.0	2.5	2.5	2.5	2.5	2.5	2.5	2.6	2.6	2.6	2.6

Cly	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7
30.0	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7
60.0	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7
90.0	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
120.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7
150.0	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
180.0	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7
210.0	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7
240.0	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7
270.0	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7	2.7
300.0	2.6	2.6	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7
330.0	2.6	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7
360.0	2.6	2.6	2.6	2.7	2.7	2.7	2.7	2.7	2.7	2.7

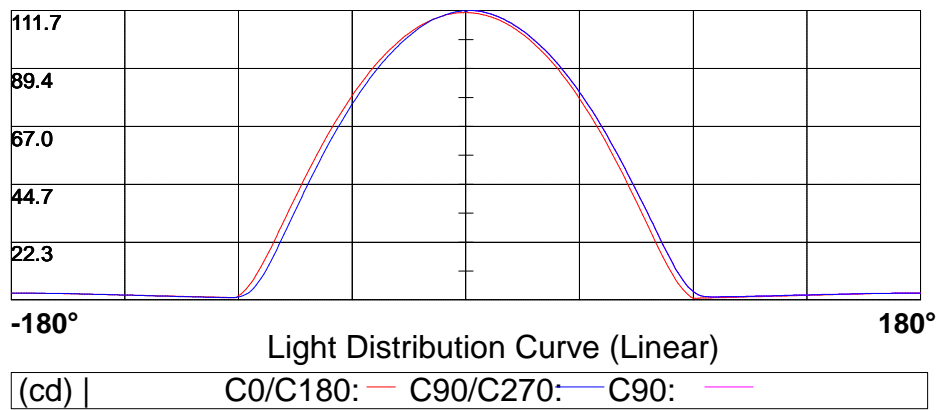
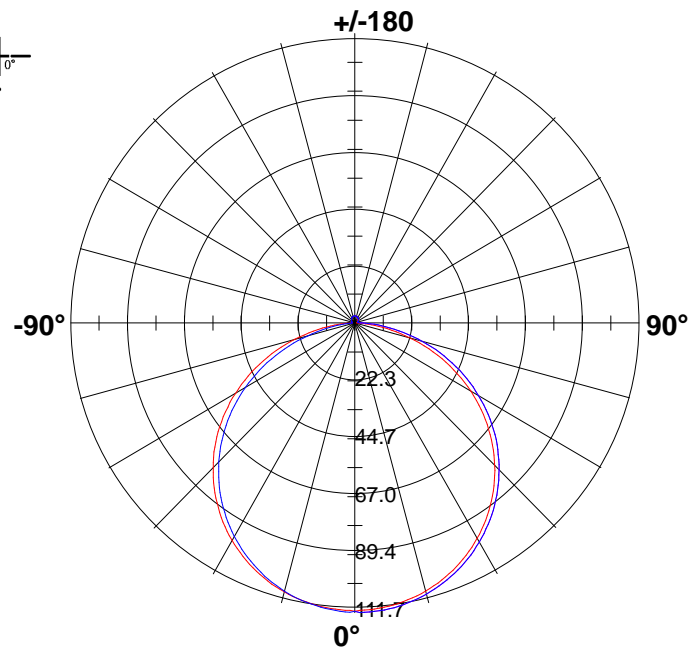
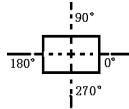
**Photometric Data Table [cd]**

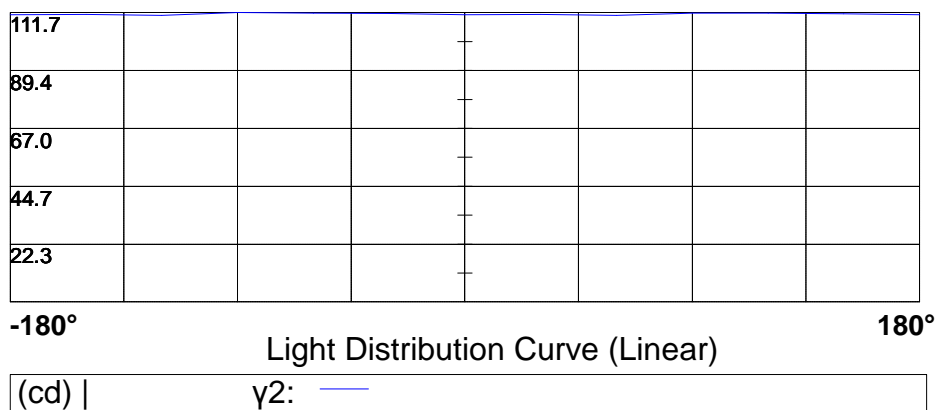
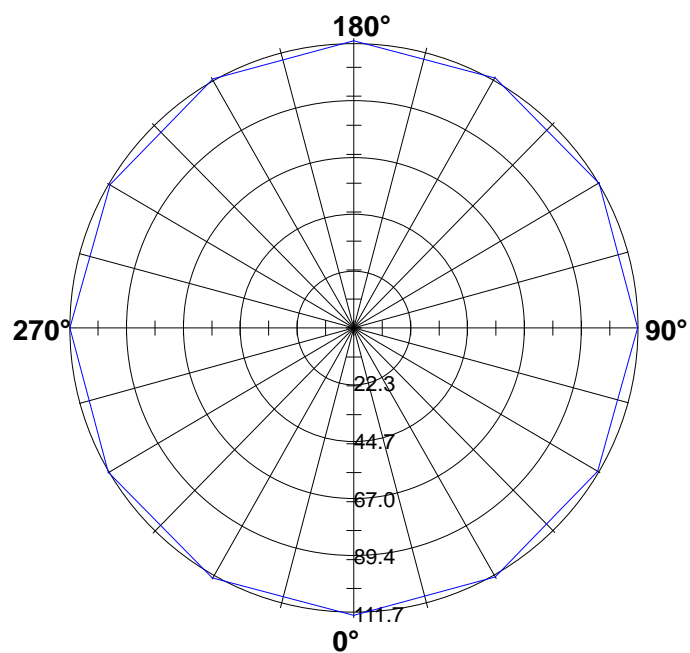
C\γ	180.0
0.0	2.7
30.0	2.7
60.0	2.7
90.0	2.7
120.0	2.7
150.0	2.7
180.0	2.7
210.0	2.7
240.0	2.7
270.0	2.7
300.0	2.7
330.0	2.7
360.0	2.7



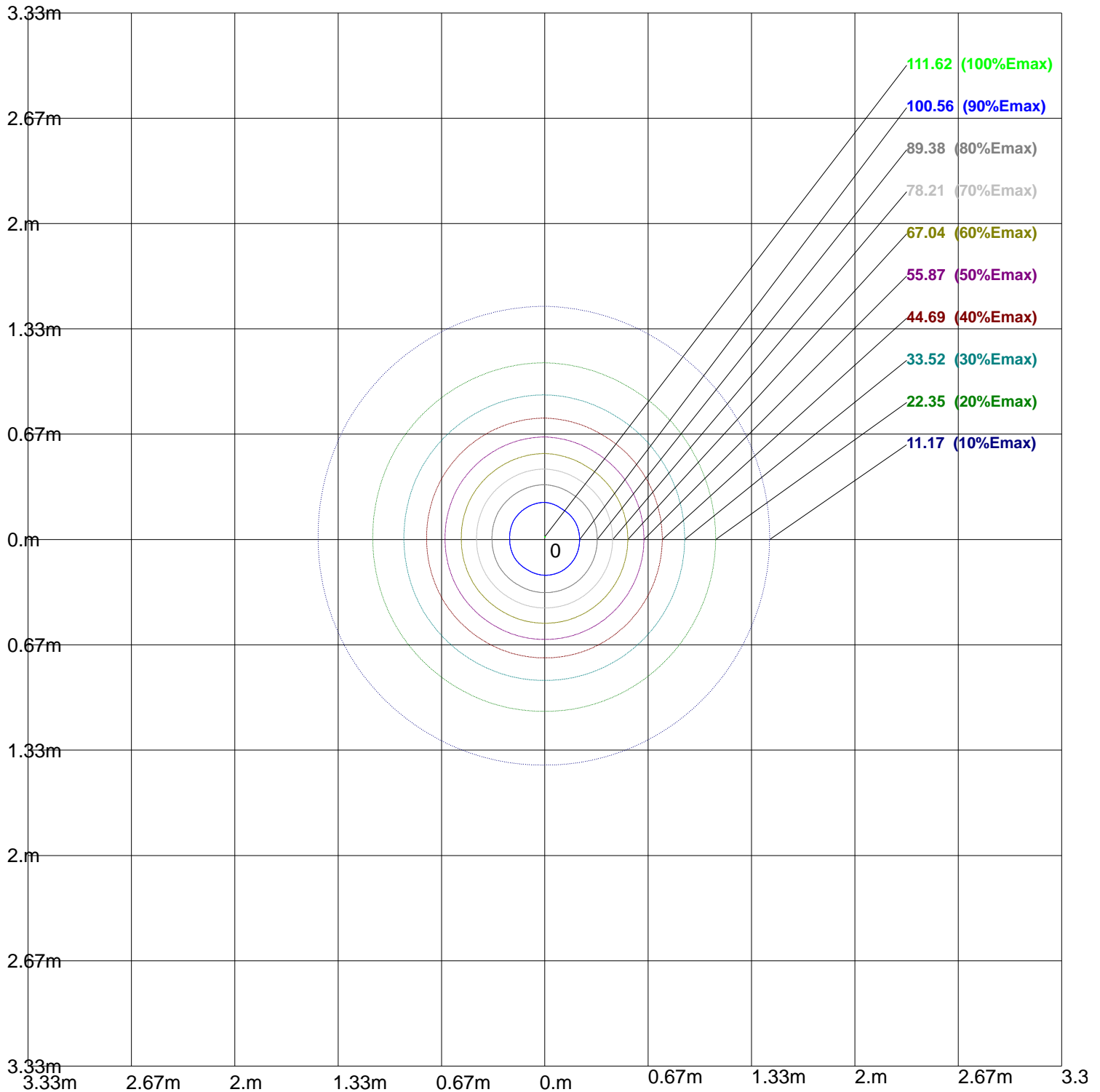
## Light Distribution Curve [Unit: cd]

Luminaire



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

## Iso-Lux[lx]



Height: 1 m  
Max Illuminance : 111.73lx

## Luminance Limiting Curve

Diameter: 0mm

Length: 1000mm

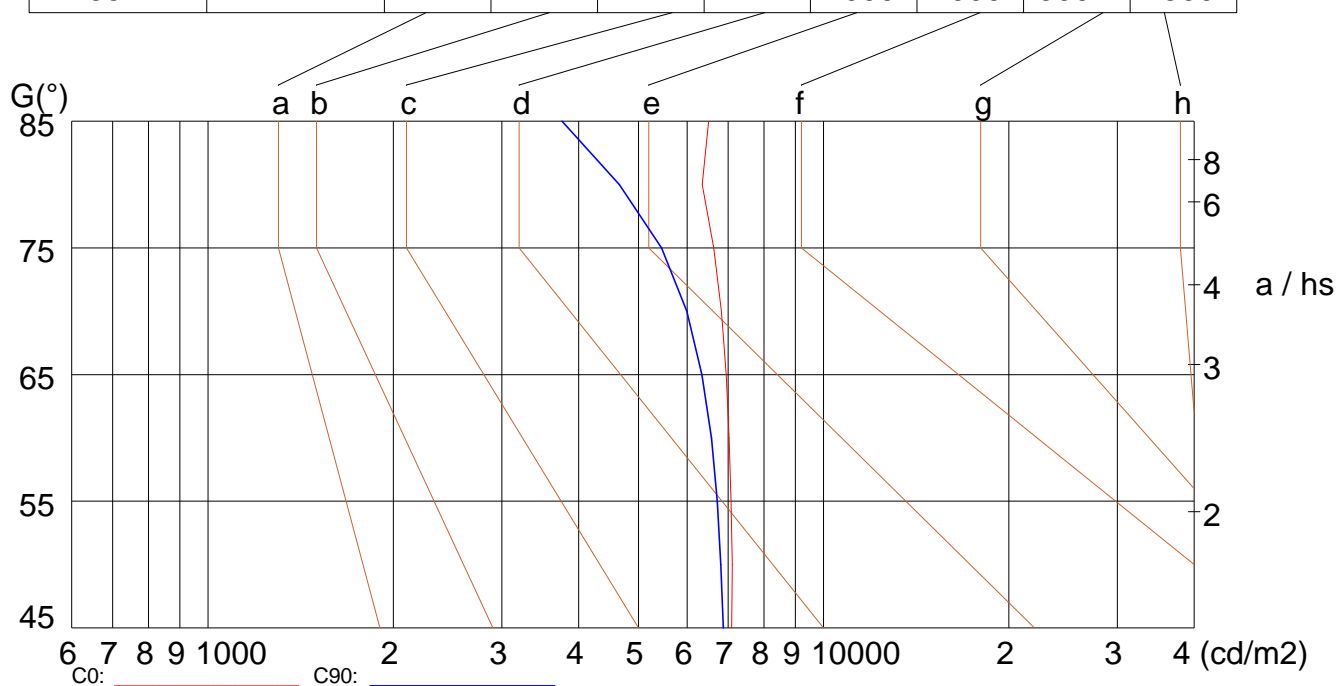
Width: 16mm

Height: 15mm

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

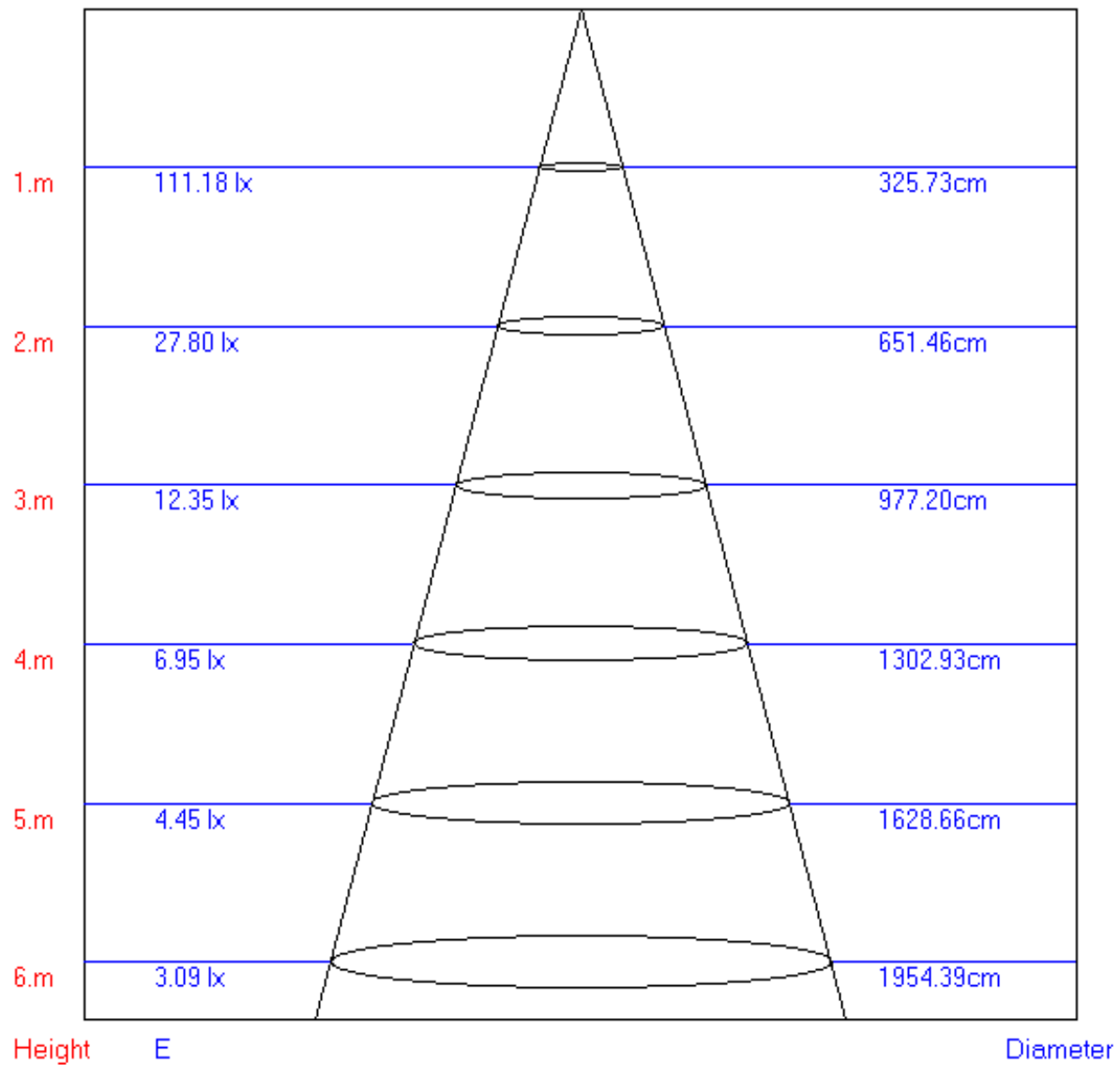
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	7086	7104	7069	7025	6945	6822	6633	6345	6504
C90	6869	6810	6719	6575	6343	5994	5450	4654	3758

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

