

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] NP-S1220-RGBW-10-CV

Sum Lumens: 290.39 lm

Number of Lamps: 1

Diameter: 0mm

Length: 1000mm

Photometric Type: Type C

Voltage: 24.0 V

Current: 0.4167 A

Power: 10.0 W

Power Factor: 1.000

Ballast Type:

Width: 12mm

Height: 20mm

Remark:

Photometric Results

Lumens: 290.39 lm

Efficiency: 100%

Central Intensity: 93.516cd

Maximum Intensity: 93.98cd

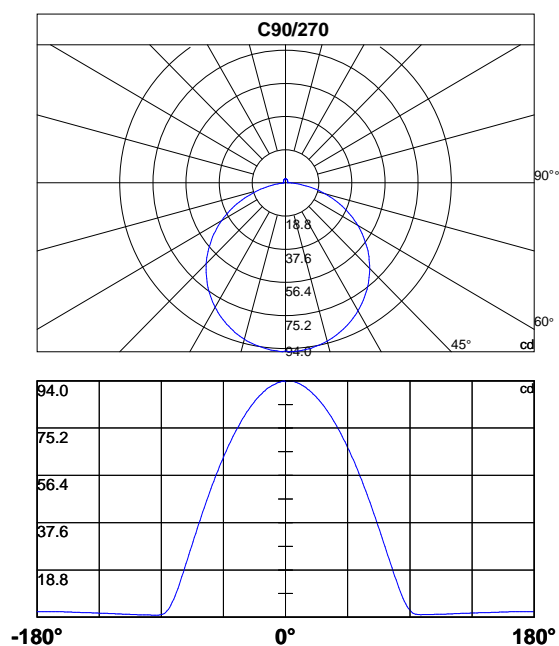
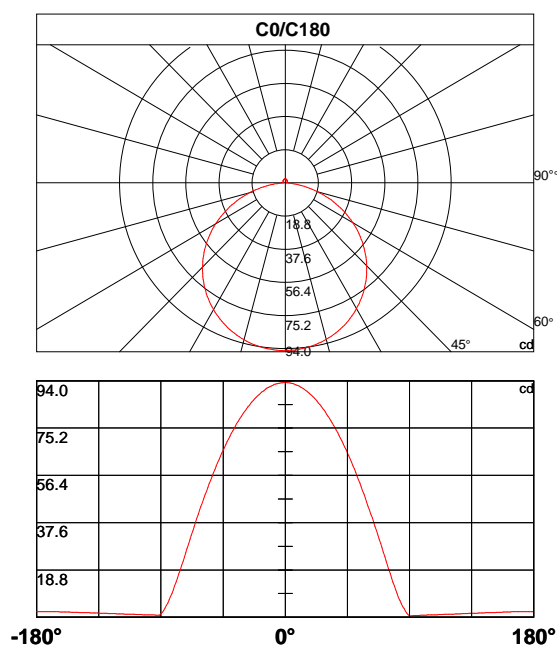
Beam Angle(10%): Left: -81.3 Right:81.6

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	93.5	93.3	93.2	93.1	93.0	92.9	92.8	92.6	92.3	92.1
30.0	93.5	93.4	93.3	93.3	93.2	93.0	92.9	92.7	92.5	92.2
60.0	93.5	93.1	93.1	93.0	92.9	92.8	92.6	92.4	92.2	92.0
90.0	93.5	94.0	94.0	93.9	93.8	93.8	93.6	93.5	93.3	93.1
120.0	93.5	93.8	93.8	93.7	93.6	93.5	93.4	93.2	93.1	92.8
150.0	93.5	93.7	93.7	93.6	93.6	93.4	93.3	93.2	93.0	92.8
180.0	93.5	93.3	93.3	93.2	93.1	93.0	92.8	92.7	92.5	92.3
210.0	93.5	93.4	93.3	93.3	93.2	93.1	92.9	92.8	92.6	92.3
240.0	93.5	93.1	93.1	93.0	92.9	92.8	92.6	92.4	92.2	91.9
270.0	93.5	93.9	93.8	93.7	93.5	93.3	93.1	92.9	92.6	92.3
300.0	93.5	93.8	93.7	93.6	93.5	93.3	93.2	93.0	92.7	92.5
330.0	93.5	93.6	93.6	93.5	93.3	93.2	93.0	92.8	92.6	92.3
360.0	93.5	93.3	93.2	93.1	93.0	92.9	92.8	92.6	92.3	92.1

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	91.8	91.6	91.2	90.9	90.5	90.1	89.7	89.2	88.8	88.2
30.0	92.0	91.7	91.4	91.0	90.7	90.3	89.8	89.3	88.9	88.4
60.0	91.7	91.4	91.2	90.8	90.4	90.1	89.6	89.2	88.7	88.2
90.0	92.8	92.5	92.2	91.8	91.5	91.1	90.7	90.3	89.8	89.3
120.0	92.6	92.3	92.0	91.7	91.4	91.0	90.5	90.1	89.7	89.2
150.0	92.6	92.3	92.0	91.7	91.3	91.0	90.6	90.2	89.7	89.2
180.0	92.0	91.7	91.4	91.1	90.8	90.3	89.9	89.5	89.1	88.5
210.0	92.1	91.8	91.4	91.1	90.8	90.4	89.9	89.5	89.0	88.5
240.0	91.6	91.3	91.0	90.7	90.3	89.8	89.4	88.9	88.4	87.8
270.0	92.0	91.7	91.4	91.0	90.6	90.1	89.6	89.1	88.5	88.0
300.0	92.2	91.8	91.5	91.1	90.7	90.3	89.8	89.3	88.8	88.2
330.0	92.1	91.7	91.4	91.0	90.6	90.2	89.8	89.3	88.8	88.2
360.0	91.8	91.6	91.2	90.9	90.5	90.1	89.7	89.2	88.8	88.2

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	87.7	87.1	86.5	85.9	85.3	84.6	83.9	83.1	82.4	81.6
30.0	87.8	87.3	86.7	86.1	85.4	84.7	84.0	83.3	82.5	81.8
60.0	87.7	87.1	86.5	85.9	85.3	84.6	83.9	83.2	82.5	81.7
90.0	88.8	88.2	87.7	87.1	86.5	85.8	85.1	84.4	83.7	82.9
120.0	88.7	88.1	87.6	87.0	86.3	85.7	85.0	84.3	83.6	82.9
150.0	88.7	88.2	87.6	87.0	86.4	85.8	85.1	84.4	83.7	82.9
180.0	88.0	87.5	86.9	86.3	85.7	85.1	84.3	83.6	82.9	82.2
210.0	87.9	87.4	86.8	86.2	85.5	84.9	84.2	83.5	82.7	81.9
240.0	87.3	86.7	86.1	85.4	84.8	84.1	83.3	82.5	81.8	81.0
270.0	87.4	86.7	86.0	85.3	84.6	83.9	83.1	82.4	81.6	80.7
300.0	87.6	87.0	86.3	85.7	84.9	84.2	83.5	82.7	81.9	81.0
330.0	87.7	87.1	86.4	85.8	85.1	84.4	83.7	82.9	82.1	81.3
360.0	87.7	87.1	86.5	85.9	85.3	84.6	83.9	83.1	82.4	81.6

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	80.8	79.9	79.1	78.2	77.3	76.3	75.3	74.3	73.3	72.2
30.0	80.9	80.1	79.2	78.4	77.4	76.5	75.6	74.6	73.5	72.5
60.0	80.9	80.1	79.2	78.3	77.5	76.6	75.6	74.6	73.6	72.6
90.0	82.2	81.4	80.6	79.7	78.8	77.9	77.0	76.0	75.0	74.0
120.0	82.1	81.3	80.4	79.6	78.7	77.8	76.8	75.9	74.9	73.9
150.0	82.2	81.4	80.6	79.7	78.8	77.9	77.0	76.0	75.0	74.0
180.0	81.4	80.6	79.7	78.8	78.0	77.0	76.0	75.1	74.1	73.1
210.0	81.1	80.3	79.4	78.5	77.6	76.7	75.7	74.7	73.7	72.6
240.0	80.1	79.3	78.4	77.5	76.5	75.5	74.5	73.5	72.5	71.4
270.0	79.8	78.9	78.0	77.1	76.1	75.1	74.1	73.0	71.9	70.8
300.0	80.2	79.3	78.4	77.4	76.5	75.5	74.5	73.4	72.3	71.2
330.0	80.4	79.6	78.7	77.8	76.8	75.8	74.8	73.8	72.7	71.6
360.0	80.8	79.9	79.1	78.2	77.3	76.3	75.3	74.3	73.3	72.2

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	71.2	70.1	68.9	67.7	66.6	65.4	64.1	62.8	61.6	60.3
30.0	71.4	70.3	69.2	68.0	66.8	65.7	64.5	63.2	61.9	60.7
60.0	71.5	70.5	69.3	68.2	67.1	65.9	64.7	63.5	62.3	61.0
90.0	73.0	71.9	70.8	69.7	68.6	67.4	66.3	65.1	63.8	62.7
120.0	72.8	71.8	70.7	69.6	68.4	67.3	66.1	64.9	63.7	62.4
150.0	72.9	71.9	70.8	69.7	68.6	67.5	66.3	65.0	63.8	62.6
180.0	72.0	70.9	69.8	68.7	67.5	66.3	65.1	63.9	62.6	61.3
210.0	71.5	70.4	69.3	68.2	67.0	65.8	64.6	63.3	62.0	60.8
240.0	70.3	69.2	68.0	66.8	65.6	64.4	63.2	61.9	60.6	59.2
270.0	69.7	68.5	67.3	66.0	64.8	63.6	62.3	61.0	59.7	58.3
300.0	70.1	69.0	67.8	66.5	65.3	64.1	62.8	61.5	60.1	58.8
330.0	70.5	69.3	68.2	66.9	65.7	64.5	63.3	62.0	60.7	59.3
360.0	71.2	70.1	68.9	67.7	66.6	65.4	64.1	62.8	61.6	60.3

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	58.9	57.5	56.1	54.8	53.3	51.9	50.4	48.9	47.4	45.8
30.0	59.3	58.0	56.7	55.3	53.8	52.4	51.0	49.5	48.0	46.5
60.0	59.7	58.4	57.0	55.7	54.3	52.9	51.4	50.0	48.6	47.0
90.0	61.5	60.1	58.7	57.3	56.0	54.6	53.1	51.7	50.3	48.8
120.0	61.1	59.8	58.5	57.1	55.7	54.3	52.8	51.4	50.0	48.5
150.0	61.3	60.0	58.6	57.2	55.8	54.4	52.9	51.5	50.0	48.5
180.0	60.0	58.7	57.4	56.0	54.5	53.1	51.6	50.1	48.7	47.2
210.0	59.6	58.2	56.7	55.3	53.8	52.4	50.9	49.4	47.9	46.3
240.0	57.9	56.5	55.1	53.7	52.2	50.7	49.2	47.6	46.2	44.6
270.0	56.9	55.5	54.1	52.6	51.1	49.6	48.1	46.5	45.0	43.4
300.0	57.4	56.0	54.5	53.1	51.7	50.2	48.6	47.1	45.5	44.0
330.0	57.9	56.6	55.1	53.7	52.2	50.8	49.3	47.7	46.1	44.6
360.0	58.9	57.5	56.1	54.8	53.3	51.9	50.4	48.9	47.4	45.8

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	44.2	42.6	41.0	39.5	37.8	36.1	34.4	32.8	31.1	29.3
30.0	44.9	43.4	41.7	40.1	38.6	36.9	35.3	33.6	32.0	30.2
60.0	45.5	43.9	42.4	40.8	39.1	37.4	35.7	34.1	32.4	30.6
90.0	47.3	45.7	44.2	42.7	41.1	39.5	37.9	36.3	34.7	33.0
120.0	47.0	45.5	44.0	42.3	40.8	39.2	37.5	35.8	34.1	32.5
150.0	47.0	45.4	43.9	42.3	40.7	39.1	37.4	35.8	34.1	32.4
180.0	45.6	44.0	42.5	40.8	39.2	37.6	36.0	34.2	32.6	30.9
210.0	44.8	43.2	41.6	40.0	38.3	36.7	35.0	33.3	31.6	29.9
240.0	43.0	41.4	39.8	38.2	36.5	34.9	33.2	31.5	29.8	28.1
270.0	41.8	40.2	38.4	36.8	35.2	33.4	31.8	30.0	28.3	26.5
300.0	42.3	40.7	39.1	37.5	35.8	34.0	32.4	30.7	29.0	27.2
330.0	43.0	41.4	39.7	38.0	36.4	34.7	33.0	31.3	29.6	27.8
360.0	44.2	42.6	41.0	39.5	37.8	36.1	34.4	32.8	31.1	29.3

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	27.6	25.9	24.1	22.4	20.6	19.0	17.3	15.6	14.0	12.4
30.0	28.5	26.8	25.1	23.3	21.6	19.8	18.1	16.4	14.8	13.1
60.0	29.0	27.3	25.6	23.9	22.2	20.6	19.0	17.3	15.8	14.3
90.0	31.4	29.8	28.0	26.3	24.8	23.1	21.4	19.7	17.9	16.3
120.0	30.8	29.0	27.2	25.6	23.9	22.2	20.5	18.8	17.2	15.7
150.0	30.7	29.0	27.4	25.7	23.9	22.1	20.5	18.8	17.1	15.6
180.0	29.2	27.4	25.7	24.0	22.4	20.6	18.9	17.2	15.6	14.0
210.0	28.2	26.5	24.7	22.9	21.2	19.5	17.8	16.2	14.5	13.0
240.0	26.4	24.6	22.8	21.2	19.6	17.8	16.2	14.5	12.9	11.4
270.0	24.8	23.0	21.3	19.6	17.9	16.2	14.6	12.9	11.4	9.8
300.0	25.5	23.7	22.0	20.2	18.6	16.9	15.2	13.6	12.1	10.6
330.0	26.1	24.4	22.7	20.9	19.2	17.5	15.9	14.2	12.6	11.0
360.0	27.6	25.9	24.1	22.4	20.6	19.0	17.3	15.6	14.0	12.4

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	10.9	9.4	8.0	6.7	5.5	4.4	3.4	2.5	1.7	1.0
30.0	11.6	10.1	8.8	7.4	6.2	5.1	4.0	3.2	2.4	1.8
60.0	12.7	11.2	9.8	8.4	7.2	6.1	5.0	4.0	3.2	2.5
90.0	14.8	13.3	11.7	10.2	8.9	7.6	6.4	5.3	4.3	3.5
120.0	14.1	12.6	11.1	9.7	8.4	7.2	6.0	5.0	4.1	3.3
150.0	14.0	12.4	10.8	9.3	8.1	6.8	5.6	4.6	3.8	3.0
180.0	12.5	10.9	9.5	8.2	6.8	5.7	4.6	3.6	2.8	2.0
210.0	11.5	9.9	8.5	7.3	6.1	4.9	3.8	2.9	2.3	1.7
240.0	9.9	8.5	7.2	6.0	4.9	3.9	3.0	2.4	1.9	1.5
270.0	8.4	7.2	6.0	4.9	3.9	3.1	2.4	1.9	1.5	1.2
300.0	9.1	7.8	6.5	5.4	4.4	3.5	2.8	2.2	1.7	1.4
330.0	9.5	8.1	6.9	5.6	4.6	3.7	2.8	2.2	1.7	1.3
360.0	10.9	9.4	8.0	6.7	5.5	4.4	3.4	2.5	1.7	1.0

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	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8
30.0	1.4	1.1	0.9	0.8	0.7	0.7	0.7	0.7	0.8	0.8
60.0	2.0	1.5	1.3	1.0	0.9	0.8	0.8	0.8	0.8	0.8
90.0	2.8	2.2	1.7	1.4	1.2	1.1	1.0	1.0	1.0	1.0
120.0	2.6	2.1	1.7	1.5	1.2	1.1	1.0	1.0	1.0	1.0
150.0	2.4	1.8	1.5	1.2	1.1	1.0	0.9	0.9	0.9	0.9
180.0	1.4	0.8	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9
210.0	1.3	1.1	1.0	0.9	0.9	0.9	0.9	0.9	0.9	0.9
240.0	1.3	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
270.0	1.0	0.9	0.8	0.8	0.8	0.8	0.8	0.8	0.9	0.9
300.0	1.1	1.0	0.9	0.9	0.8	0.8	0.8	0.8	0.8	0.8
330.0	1.1	0.9	0.9	0.8	0.8	0.8	0.7	0.8	0.8	0.8
360.0	0.6	0.6	0.6	0.6	0.7	0.7	0.7	0.7	0.7	0.8

Cly	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
30.0	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
60.0	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
90.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
120.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1
150.0	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
180.0	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
210.0	0.9	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1
240.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.1
270.0	0.9	0.9	0.9	0.9	0.9	1.0	1.0	1.0	1.0	1.0
300.0	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	1.0
330.0	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0
360.0	0.8	0.8	0.8	0.9	0.9	0.9	0.9	0.9	1.0	1.0

Cly	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2
30.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2
60.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.2
90.0	1.1	1.2	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3
120.0	1.1	1.2	1.2	1.2	1.2	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	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.3	1.3	1.3
270.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3
300.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2
330.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2
360.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2

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	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
30.0	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4
60.0	1.2	1.3	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	1.4	1.5	1.5	1.5	1.5	1.5
120.0	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
150.0	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
180.0	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5
210.0	1.3	1.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5
240.0	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.5
270.0	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5
300.0	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.4
330.0	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4
360.0	1.2	1.2	1.3	1.3	1.3	1.3	1.3	1.4	1.4	1.4

Cly	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6
30.0	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6
60.0	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
90.0	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
120.0	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
150.0	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
180.0	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7
210.0	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7
240.0	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.7
270.0	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.7
300.0	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6	1.6
330.0	1.4	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6
360.0	1.4	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6

Cly	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8
30.0	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
60.0	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
90.0	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
120.0	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
150.0	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
180.0	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9
210.0	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
240.0	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
270.0	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9	1.9
300.0	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9
330.0	1.6	1.7	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8
360.0	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8

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	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
30.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
60.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0
90.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1
120.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1
150.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1
180.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1
210.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0
240.0	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1
270.0	1.9	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1
300.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
330.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0
360.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0

Cly	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
30.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2
60.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
90.0	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2
120.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2
150.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
180.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2
210.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2
240.0	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.2
270.0	2.1	2.1	2.1	2.2	2.2	2.2	2.2	2.2	2.2	2.2
300.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2
330.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2
360.0	2.1	2.1	2.1	2.1	2.1	2.1	2.2	2.2	2.2	2.2

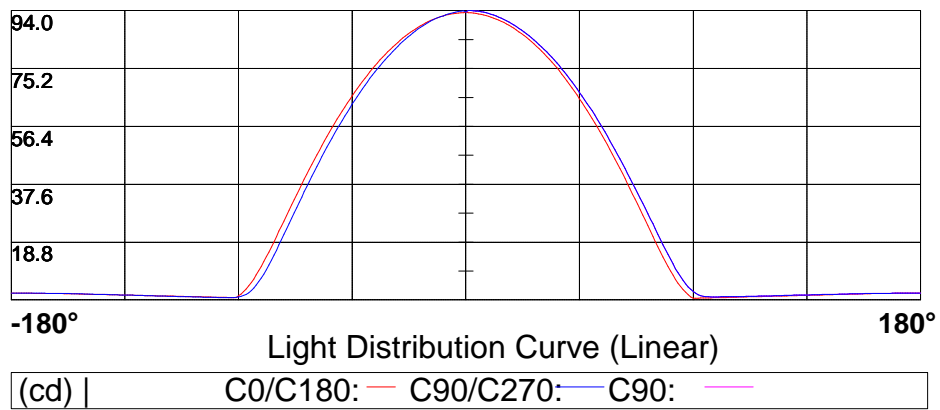
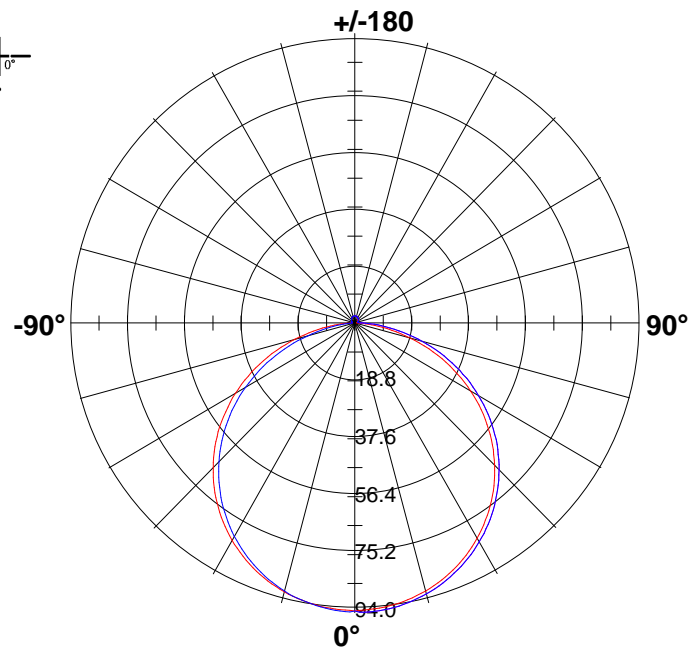
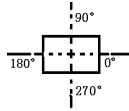
Cly	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3
30.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
60.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
90.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
120.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
150.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3
180.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3
210.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3
240.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
270.0	2.2	2.2	2.3	2.3	2.3	2.3	2.3	2.3	2.3	2.3
300.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3
330.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3
360.0	2.2	2.2	2.2	2.2	2.2	2.3	2.3	2.3	2.3	2.3

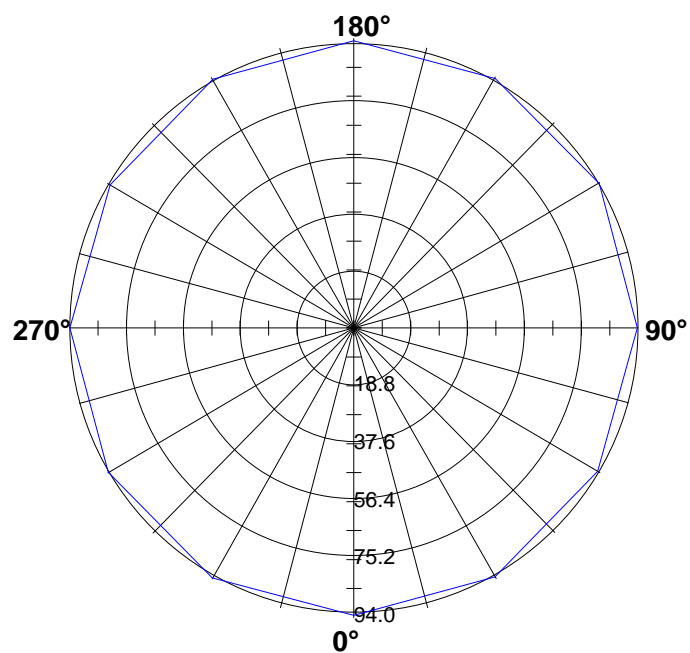
Photometric Data Table [cd]

C\γ	180.0
0.0	2.3
30.0	2.3
60.0	2.3
90.0	2.3
120.0	2.3
150.0	2.3
180.0	2.3
210.0	2.3
240.0	2.3
270.0	2.3
300.0	2.3
330.0	2.3
360.0	2.3

Light Distribution Curve [Unit: cd]

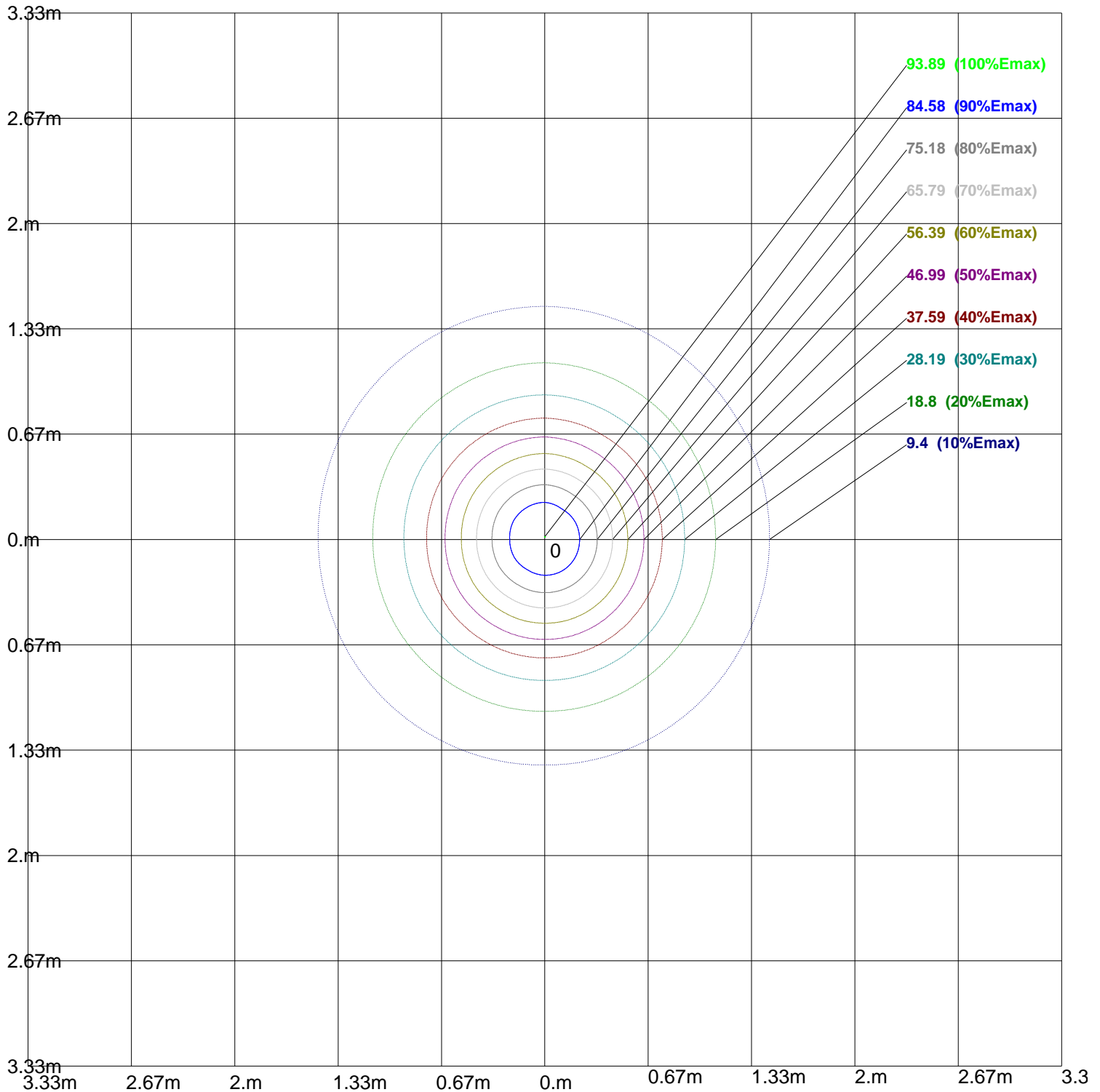
Luminaire



Max Plane Light Distribution Curve [Unit: cd]

94.0							
75.2							
56.4							
37.6							
18.8							
-180°	Light Distribution Curve (Linear)						180°
(cd)	γ2: —						

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 93.98lx

Luminance Limiting Curve

Diameter: 0mm

Length: 1000mm

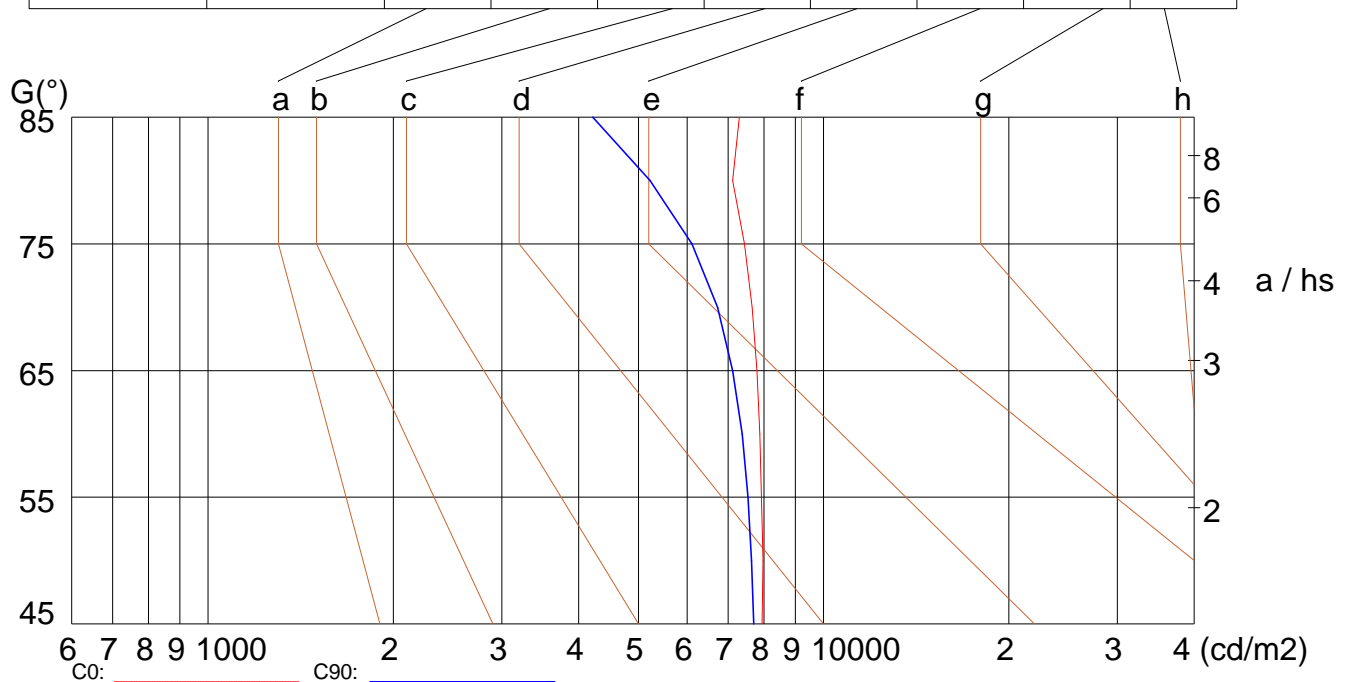
Width: 12mm

Height: 20mm

(cd/m²)

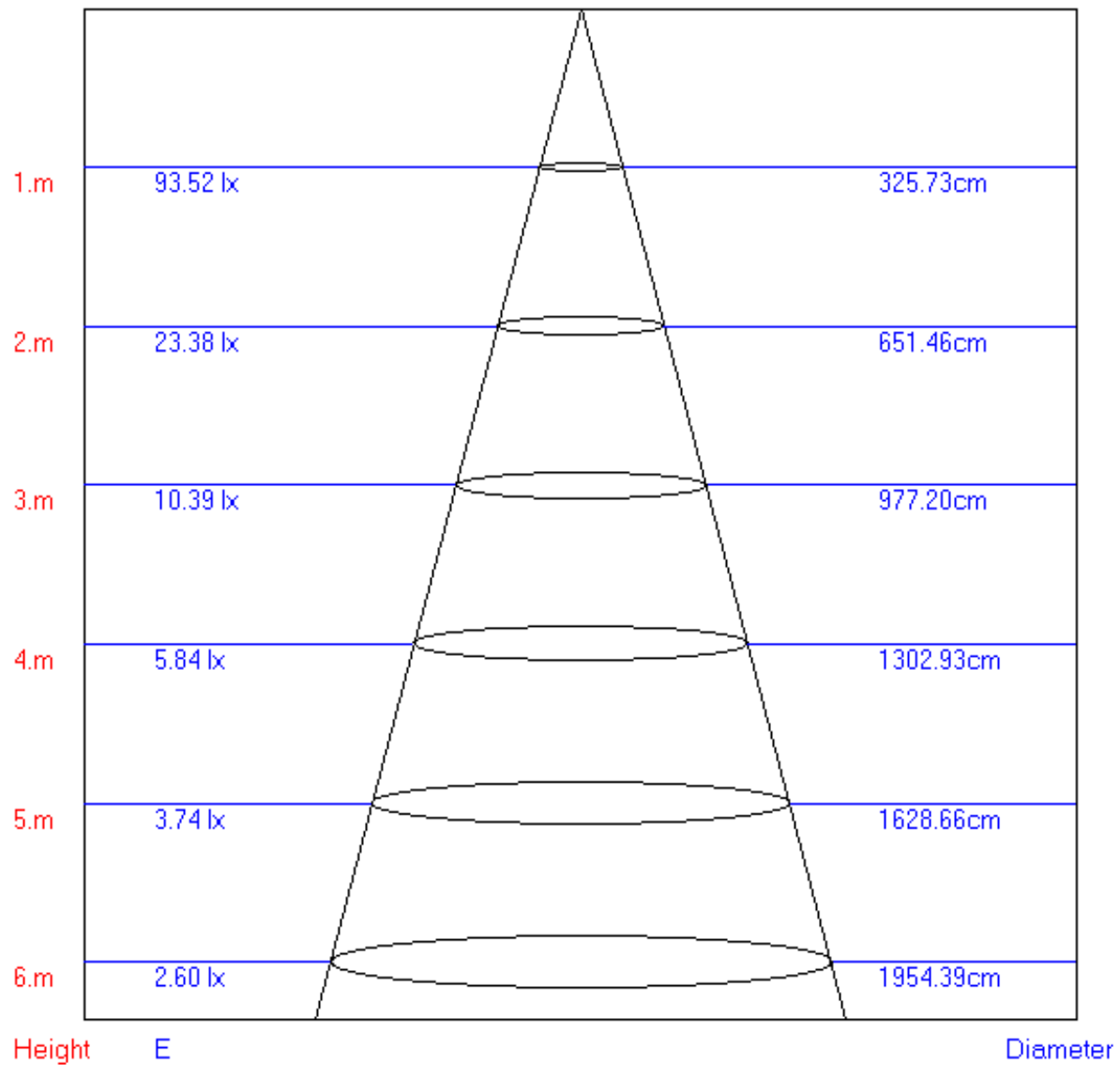
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	7947	7967	7927	7878	7789	7648	7438	7117	7295
C90	7703	7637	7535	7373	7112	6722	6111	5221	4217

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:116.70°

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

