

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] NP-S1220-W65-10-CC

Sum Lumens: 494.62 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: 494.62 lm

Efficiency: 100%

Central Intensity: 159.287cd

Maximum Intensity: 160.07cd

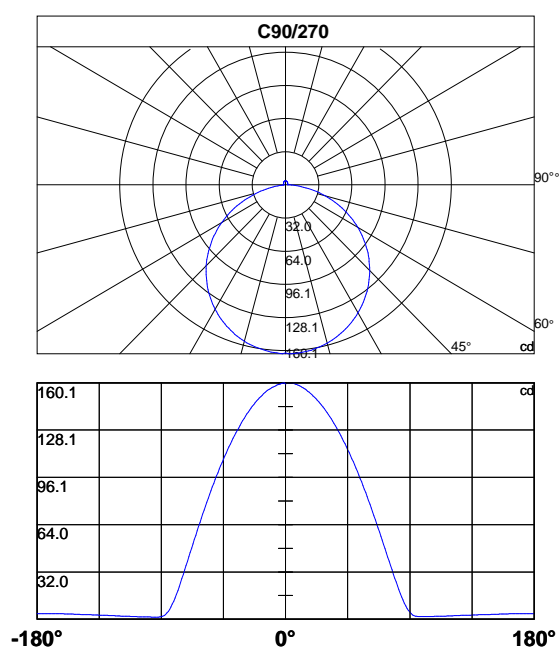
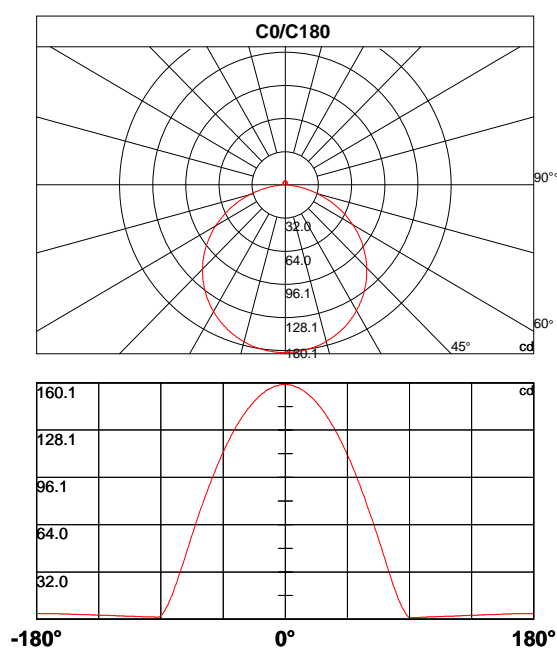
Beam Angle(10%): Left: -81.3 Right:81.6

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	159.3	158.9	158.8	158.6	158.5	158.2	158.0	157.7	157.3	156.9
30.0	159.3	159.0	158.9	158.8	158.7	158.4	158.2	157.9	157.5	157.1
60.0	159.3	158.6	158.5	158.4	158.2	158.0	157.8	157.4	157.1	156.7
90.0	159.3	160.1	160.1	160.0	159.9	159.7	159.5	159.2	158.9	158.5
120.0	159.3	159.7	159.7	159.6	159.5	159.3	159.1	158.8	158.5	158.1
150.0	159.3	159.6	159.5	159.5	159.3	159.2	159.0	158.7	158.4	158.0
180.0	159.3	158.9	158.9	158.7	158.6	158.4	158.1	157.9	157.6	157.1
210.0	159.3	159.1	159.0	158.9	158.7	158.5	158.3	158.0	157.6	157.3
240.0	159.3	158.6	158.5	158.4	158.2	158.0	157.7	157.4	157.1	156.6
270.0	159.3	160.0	159.8	159.6	159.3	159.0	158.6	158.2	157.7	157.2
300.0	159.3	159.7	159.6	159.4	159.2	159.0	158.7	158.3	158.0	157.5
330.0	159.3	159.5	159.4	159.2	159.0	158.8	158.5	158.1	157.7	157.3
360.0	159.3	158.9	158.8	158.6	158.5	158.2	158.0	157.7	157.3	156.9

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	156.4	155.9	155.4	154.8	154.2	153.5	152.7	152.0	151.2	150.3
30.0	156.7	156.2	155.6	155.0	154.4	153.7	153.0	152.2	151.4	150.5
60.0	156.3	155.8	155.3	154.7	154.1	153.4	152.6	151.9	151.1	150.3
90.0	158.1	157.6	157.0	156.4	155.9	155.2	154.5	153.7	152.9	152.1
120.0	157.7	157.2	156.7	156.2	155.6	154.9	154.2	153.5	152.8	151.9
150.0	157.6	157.2	156.7	156.2	155.6	155.0	154.3	153.6	152.8	152.0
180.0	156.6	156.2	155.7	155.2	154.6	153.9	153.1	152.4	151.7	150.8
210.0	156.8	156.3	155.8	155.2	154.6	153.9	153.2	152.4	151.6	150.7
240.0	156.1	155.6	155.1	154.5	153.8	153.0	152.2	151.4	150.6	149.6
270.0	156.7	156.2	155.6	155.1	154.3	153.4	152.6	151.7	150.8	149.8
300.0	157.0	156.4	155.9	155.2	154.5	153.8	152.9	152.1	151.2	150.2
330.0	156.8	156.3	155.7	155.1	154.4	153.6	152.9	152.0	151.2	150.3
360.0	156.4	155.9	155.4	154.8	154.2	153.5	152.7	152.0	151.2	150.3

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	149.3	148.4	147.4	146.3	145.2	144.0	142.9	141.6	140.3	139.0
30.0	149.6	148.6	147.6	146.6	145.4	144.3	143.1	141.9	140.6	139.3
60.0	149.3	148.4	147.4	146.4	145.3	144.1	142.9	141.7	140.4	139.1
90.0	151.2	150.3	149.3	148.3	147.3	146.1	145.0	143.8	142.6	141.3
120.0	151.0	150.1	149.2	148.1	147.1	146.0	144.8	143.6	142.4	141.1
150.0	151.1	150.2	149.3	148.3	147.2	146.1	145.0	143.8	142.6	141.3
180.0	149.9	149.0	148.1	147.0	145.9	144.9	143.6	142.4	141.2	140.0
210.0	149.8	148.9	147.9	146.8	145.7	144.5	143.4	142.1	140.9	139.5
240.0	148.6	147.7	146.6	145.5	144.4	143.2	141.9	140.6	139.3	137.9
270.0	148.8	147.7	146.5	145.4	144.1	142.9	141.6	140.3	138.9	137.5
300.0	149.2	148.1	147.0	145.9	144.7	143.4	142.2	140.8	139.5	138.0
330.0	149.3	148.3	147.2	146.1	144.9	143.8	142.5	141.2	139.9	138.5
360.0	149.3	148.4	147.4	146.3	145.2	144.0	142.9	141.6	140.3	139.0

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	137.6	136.2	134.7	133.1	131.6	130.0	128.3	126.6	124.8	123.0
30.0	137.9	136.5	135.0	133.5	131.9	130.3	128.7	127.0	125.3	123.5
60.0	137.8	136.4	134.9	133.4	131.9	130.4	128.8	127.1	125.3	123.6
90.0	140.0	138.6	137.2	135.7	134.2	132.7	131.1	129.5	127.8	126.0
120.0	139.8	138.4	137.0	135.5	134.1	132.5	130.9	129.2	127.6	125.8
150.0	140.0	138.6	137.2	135.8	134.2	132.7	131.1	129.4	127.8	126.1
180.0	138.6	137.2	135.8	134.3	132.8	131.1	129.5	127.8	126.2	124.4
210.0	138.1	136.7	135.3	133.7	132.2	130.6	129.0	127.2	125.5	123.7
240.0	136.5	135.0	133.5	131.9	130.4	128.6	127.0	125.2	123.5	121.6
270.0	136.0	134.5	132.9	131.3	129.6	127.8	126.1	124.4	122.5	120.6
300.0	136.6	135.1	133.5	131.9	130.3	128.6	126.8	125.0	123.2	121.3
330.0	137.0	135.5	134.0	132.4	130.8	129.1	127.4	125.6	123.9	122.0
360.0	137.6	136.2	134.7	133.1	131.6	130.0	128.3	126.6	124.8	123.0

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	121.2	119.3	117.4	115.4	113.4	111.3	109.2	107.0	104.9	102.6
30.0	121.7	119.8	117.9	115.8	113.8	111.9	109.9	107.6	105.5	103.4
60.0	121.8	120.0	118.1	116.2	114.2	112.3	110.2	108.1	106.0	103.8
90.0	124.3	122.5	120.6	118.8	116.8	114.9	112.9	110.8	108.7	106.7
120.0	124.1	122.3	120.4	118.6	116.6	114.6	112.6	110.5	108.4	106.2
150.0	124.3	122.4	120.7	118.7	116.8	114.9	112.9	110.7	108.6	106.6
180.0	122.6	120.8	118.9	117.0	115.0	112.9	110.9	108.9	106.7	104.5
210.0	121.8	120.0	118.1	116.1	114.1	112.2	110.1	107.9	105.7	103.6
240.0	119.7	117.8	115.8	113.9	111.8	109.7	107.6	105.4	103.2	100.9
270.0	118.7	116.7	114.7	112.5	110.4	108.3	106.2	103.9	101.7	99.2
300.0	119.4	117.5	115.4	113.3	111.3	109.2	107.0	104.7	102.4	100.1
330.0	120.1	118.1	116.2	114.0	111.9	109.9	107.8	105.5	103.4	101.0
360.0	121.2	119.3	117.4	115.4	113.4	111.3	109.2	107.0	104.9	102.6

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	100.3	98.0	95.6	93.3	90.8	88.3	85.8	83.3	80.7	78.0
30.0	101.1	98.8	96.5	94.1	91.7	89.3	86.9	84.3	81.7	79.2
60.0	101.7	99.4	97.1	94.8	92.5	90.1	87.6	85.3	82.7	80.1
90.0	104.7	102.4	100.0	97.6	95.3	92.9	90.5	88.0	85.6	83.1
120.0	104.1	101.9	99.6	97.3	94.9	92.5	90.0	87.5	85.1	82.7
150.0	104.5	102.2	99.8	97.3	95.0	92.6	90.2	87.6	85.2	82.6
180.0	102.3	100.0	97.7	95.3	92.9	90.4	87.8	85.3	82.9	80.4
210.0	101.4	99.1	96.6	94.1	91.7	89.3	86.7	84.1	81.6	78.9
240.0	98.6	96.2	93.9	91.4	88.9	86.4	83.7	81.2	78.7	76.0
270.0	96.9	94.6	92.1	89.6	87.0	84.5	81.9	79.3	76.6	73.9
300.0	97.8	95.4	92.9	90.5	88.0	85.4	82.8	80.3	77.6	74.9
330.0	98.7	96.3	93.9	91.5	88.9	86.5	83.9	81.3	78.6	76.0
360.0	100.3	98.0	95.6	93.3	90.8	88.3	85.8	83.3	80.7	78.0

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	75.3	72.6	69.9	67.2	64.4	61.4	58.6	55.8	52.9	49.9
30.0	76.5	73.9	71.1	68.3	65.7	62.9	60.1	57.2	54.4	51.5
60.0	77.5	74.8	72.2	69.5	66.7	63.7	60.9	58.1	55.2	52.2
90.0	80.5	77.9	75.3	72.7	70.0	67.3	64.6	61.8	59.0	56.2
120.0	80.0	77.4	74.8	72.1	69.4	66.7	63.9	61.0	58.1	55.3
150.0	80.0	77.3	74.7	72.0	69.3	66.5	63.8	60.9	58.1	55.2
180.0	77.6	75.0	72.4	69.6	66.8	64.1	61.2	58.3	55.5	52.6
210.0	76.3	73.6	70.9	68.1	65.3	62.5	59.7	56.8	53.9	50.9
240.0	73.2	70.6	67.9	65.0	62.2	59.5	56.5	53.6	50.8	47.8
270.0	71.1	68.4	65.5	62.6	59.9	57.0	54.1	51.1	48.2	45.2
300.0	72.1	69.3	66.6	63.8	60.9	58.0	55.1	52.2	49.3	46.3
330.0	73.2	70.5	67.6	64.7	62.0	59.1	56.2	53.3	50.4	47.4
360.0	75.3	72.6	69.9	67.2	64.4	61.4	58.6	55.8	52.9	49.9

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	47.0	44.1	41.1	38.1	35.1	32.3	29.5	26.5	23.8	21.1
30.0	48.6	45.6	42.7	39.7	36.7	33.7	30.9	27.9	25.2	22.3
60.0	49.3	46.5	43.7	40.7	37.7	35.0	32.3	29.5	26.9	24.3
90.0	53.5	50.7	47.8	44.8	42.2	39.3	36.5	33.5	30.5	27.8
120.0	52.4	49.3	46.4	43.6	40.7	37.8	34.9	32.1	29.3	26.7
150.0	52.3	49.4	46.6	43.7	40.7	37.7	34.9	32.0	29.1	26.5
180.0	49.8	46.7	43.7	40.9	38.1	35.1	32.2	29.4	26.5	23.9
210.0	48.0	45.1	42.1	39.1	36.1	33.2	30.4	27.5	24.7	22.1
240.0	45.0	41.9	38.9	36.1	33.3	30.3	27.5	24.8	22.0	19.4
270.0	42.3	39.3	36.3	33.4	30.5	27.5	24.8	22.0	19.4	16.8
300.0	43.4	40.4	37.5	34.5	31.6	28.8	26.0	23.1	20.5	18.0
330.0	44.5	41.5	38.6	35.6	32.8	29.8	27.0	24.2	21.4	18.7
360.0	47.0	44.1	41.1	38.1	35.1	32.3	29.5	26.5	23.8	21.1

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	18.5	16.1	13.6	11.4	9.3	7.5	5.8	4.3	3.0	1.7
30.0	19.8	17.2	14.9	12.6	10.5	8.6	6.8	5.4	4.1	3.1
60.0	21.7	19.1	16.7	14.4	12.3	10.3	8.6	6.9	5.4	4.3
90.0	25.3	22.6	19.9	17.3	15.1	13.0	10.9	8.9	7.3	5.9
120.0	24.0	21.4	18.9	16.6	14.3	12.2	10.3	8.5	6.9	5.6
150.0	23.8	21.1	18.4	15.9	13.7	11.6	9.5	7.8	6.4	5.1
180.0	21.2	18.6	16.2	13.9	11.7	9.6	7.8	6.2	4.7	3.3
210.0	19.5	16.9	14.6	12.5	10.3	8.4	6.5	4.9	3.9	2.9
240.0	16.9	14.5	12.3	10.3	8.4	6.6	5.2	4.1	3.2	2.6
270.0	14.3	12.2	10.3	8.3	6.7	5.3	4.1	3.2	2.5	2.0
300.0	15.6	13.3	11.1	9.1	7.5	6.0	4.8	3.7	2.9	2.3
330.0	16.1	13.9	11.8	9.6	7.8	6.2	4.8	3.8	2.9	2.3
360.0	18.5	16.1	13.6	11.4	9.3	7.5	5.8	4.3	3.0	1.7

Photometric Data Table [cd]

C _y	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0
0.0	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.3
30.0	2.4	1.9	1.5	1.4	1.3	1.2	1.2	1.3	1.3	1.3
60.0	3.3	2.6	2.1	1.8	1.6	1.4	1.4	1.4	1.4	1.4
90.0	4.7	3.7	3.0	2.4	2.1	1.9	1.8	1.7	1.7	1.7
120.0	4.5	3.6	3.0	2.5	2.1	1.9	1.8	1.7	1.7	1.7
150.0	4.0	3.1	2.5	2.1	1.8	1.6	1.6	1.6	1.6	1.6
180.0	2.3	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.5	1.6
210.0	2.3	1.8	1.7	1.6	1.6	1.5	1.5	1.6	1.6	1.6
240.0	2.2	1.9	1.7	1.7	1.7	1.7	1.7	1.7	1.7	1.8
270.0	1.7	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.5	1.5
300.0	1.9	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.4	1.4
330.0	1.9	1.6	1.5	1.4	1.3	1.3	1.3	1.3	1.3	1.3
360.0	1.1	1.0	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.3

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

C _y	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0
30.0	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0
60.0	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.1
90.0	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3
120.0	2.0	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3
150.0	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3
180.0	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2
210.0	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2
240.0	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.3	2.3
270.0	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2
300.0	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0	2.1
330.0	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0
360.0	1.7	1.7	1.8	1.8	1.9	1.9	1.9	2.0	2.0	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	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
30.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4
60.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4
90.0	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6
120.0	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6
150.0	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6
180.0	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6
210.0	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.5
240.0	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6
270.0	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5
300.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4
330.0	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
360.0	2.1	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4

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	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
30.0	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8
60.0	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8
90.0	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	3.0
120.0	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9
150.0	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9
180.0	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9
210.0	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9
240.0	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9	2.9
270.0	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9
300.0	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8
330.0	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
360.0	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8

Cly	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1
30.0	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2
60.0	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2
90.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3
120.0	3.0	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.2
150.0	3.0	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.2
180.0	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
210.0	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2
240.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3
270.0	3.0	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3
300.0	2.8	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.2
330.0	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1
360.0	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1

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	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5
30.0	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5
60.0	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5
90.0	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.6
120.0	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5
150.0	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5
180.0	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5
210.0	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5
240.0	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.5	3.5	3.5
270.0	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.6
300.0	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5
330.0	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.5
360.0	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5

Cly	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7
30.0	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7
60.0	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7
90.0	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7
120.0	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7
150.0	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7	3.7
180.0	3.5	3.6	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7
210.0	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7
240.0	3.5	3.5	3.6	3.6	3.6	3.6	3.6	3.6	3.7	3.7
270.0	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8
300.0	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7
330.0	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7
360.0	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7	3.7	3.7

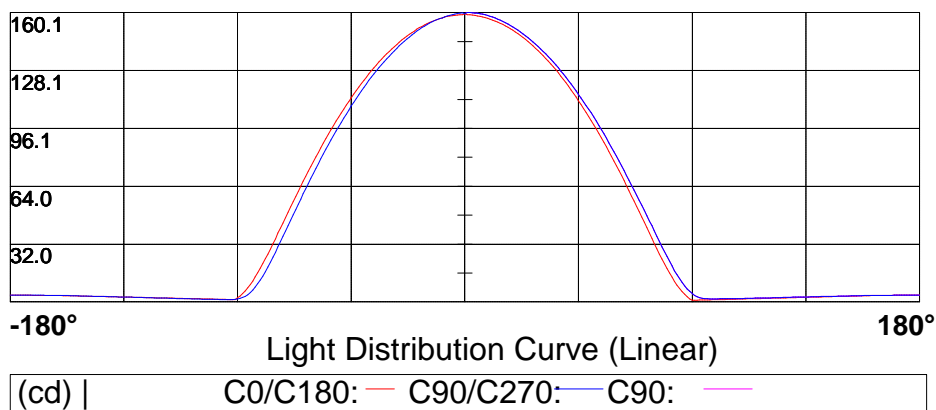
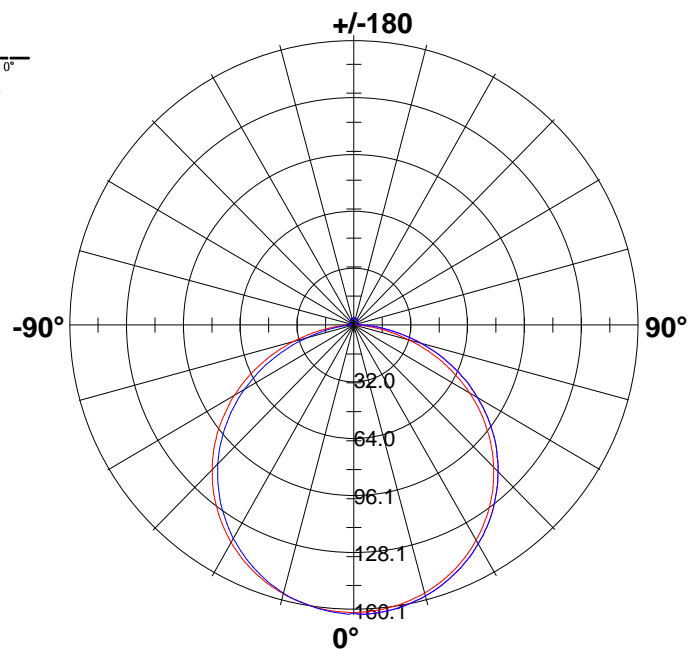
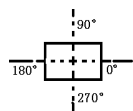
Cly	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9
30.0	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
60.0	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
90.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9
120.0	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8
150.0	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
180.0	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
210.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8
240.0	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8
270.0	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9
300.0	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
330.0	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
360.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9

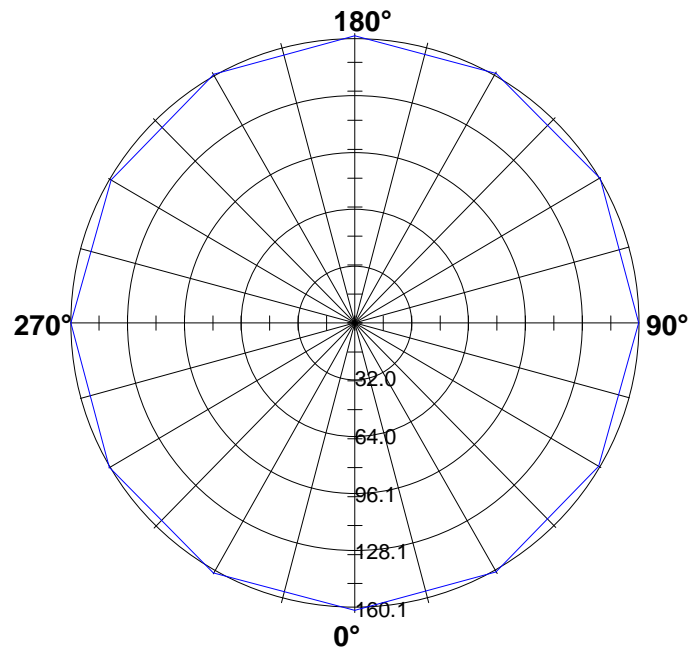
Photometric Data Table [cd]

C\γ	180.0
0.0	3.9
30.0	3.9
60.0	3.9
90.0	3.9
120.0	3.9
150.0	3.9
180.0	3.9
210.0	3.9
240.0	3.9
270.0	3.9
300.0	3.9
330.0	3.9
360.0	3.9

Light Distribution Curve [Unit: cd]

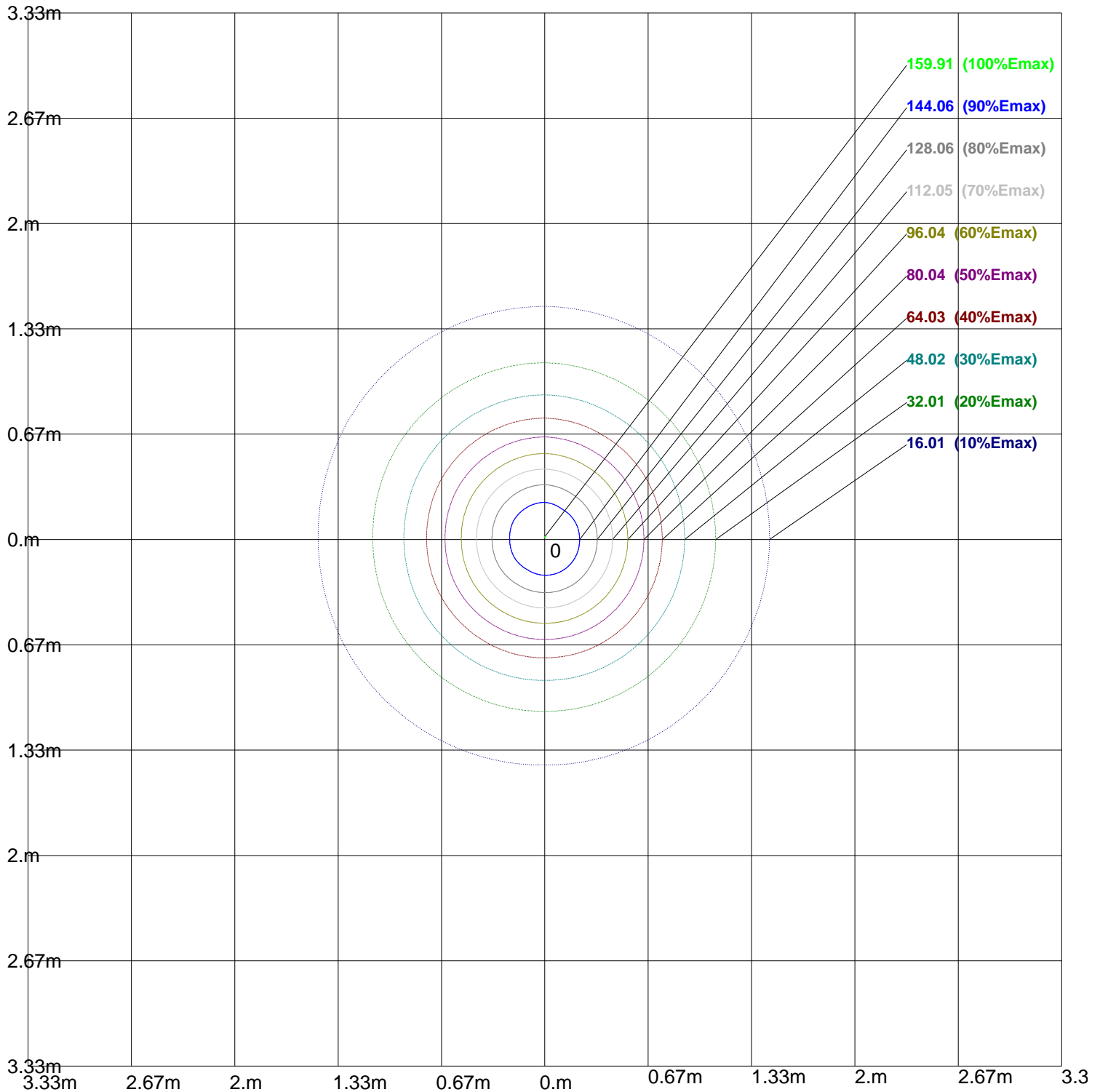
Luminaire



Max Plane Light Distribution Curve [Unit: cd]

160.1							
128.1							
96.1							
64.0							
32.0							
-180°	Light Distribution Curve (Linear)						180°
(cd)	γ2: —						

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 160.07lx

Luminance Limiting Curve

Diameter: 0mm

Length: 1000mm

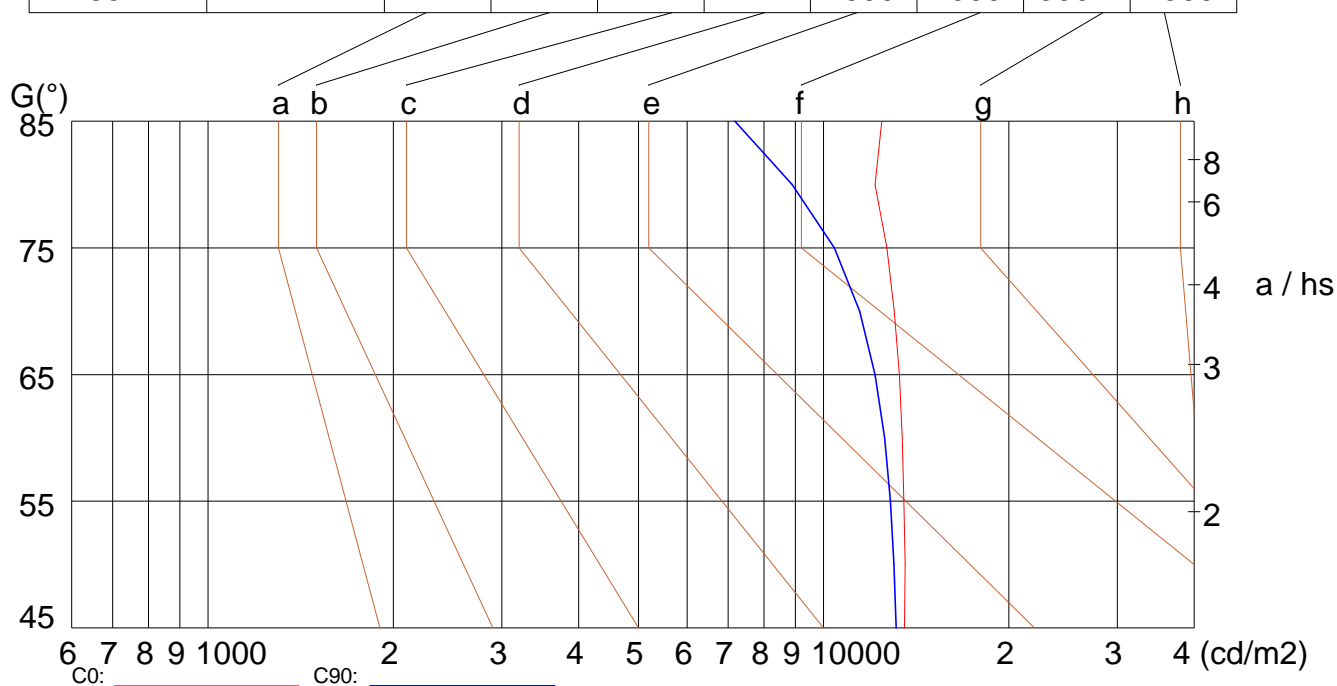
Width: 12mm

Height: 20mm

(cd/m²)

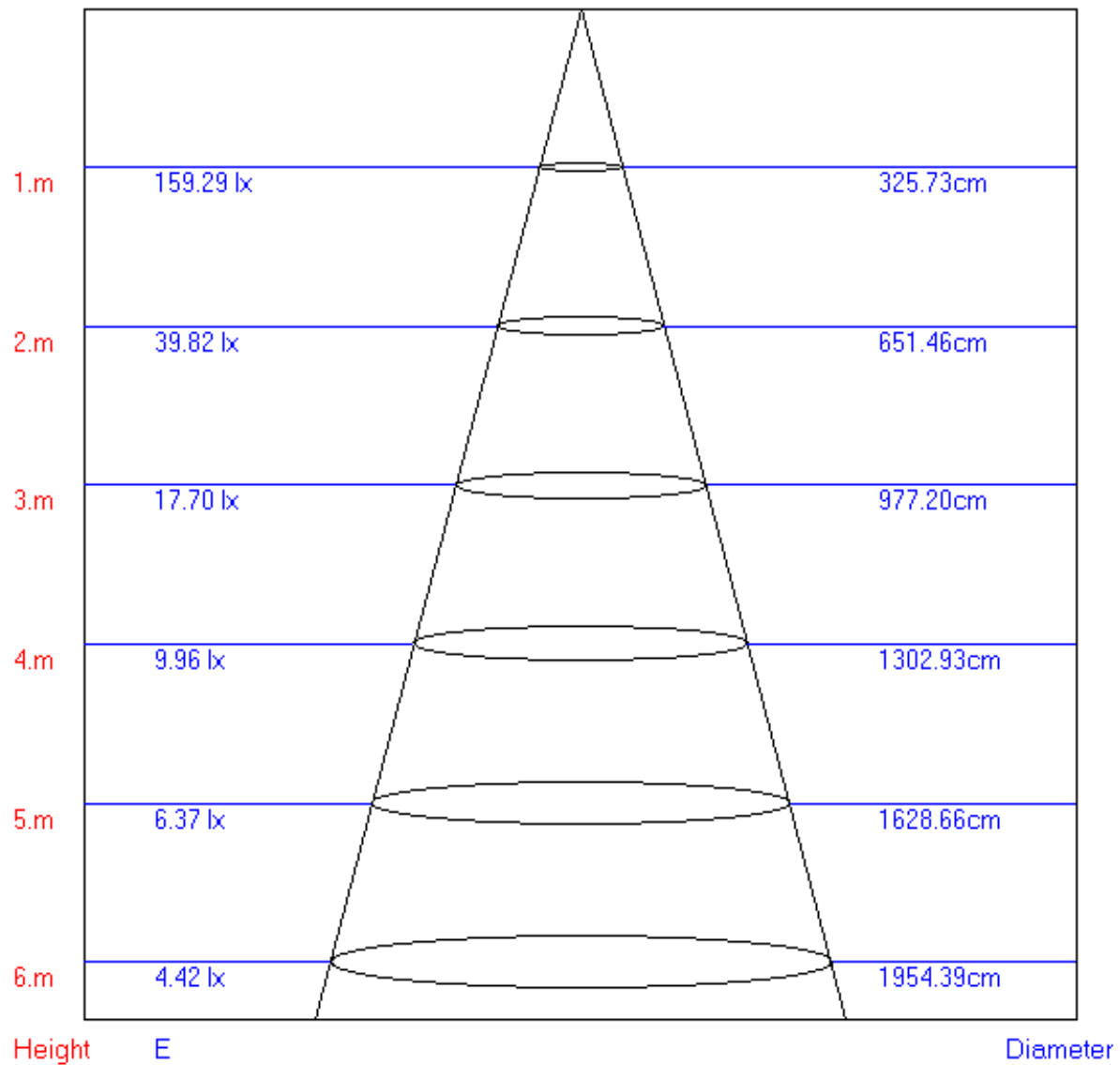
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	13536	13569	13503	13420	13267	13028	12670	12122	12430
C90	13122	13008	12833	12558	12115	11449	10409	8892	7171

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	1.04	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	0.47	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

