

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] NP-S1220-W40-10-CC

Sum Lumens: 520.17 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: 520.17 lm

Efficiency: 100%

Central Intensity: 167.515cd

Maximum Intensity: 168.34cd

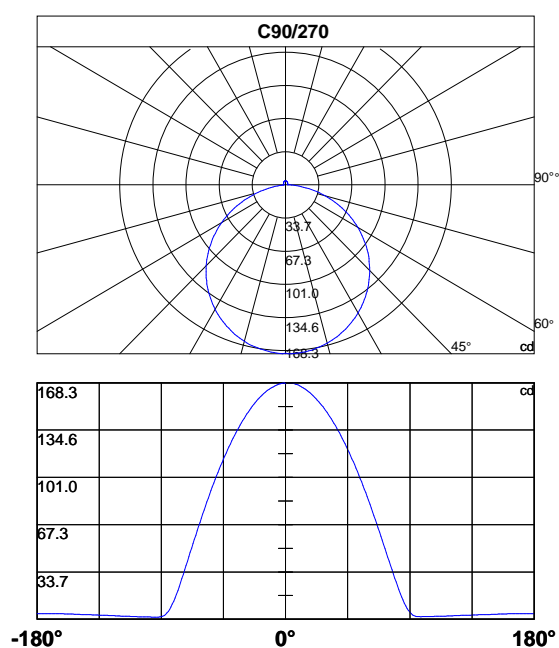
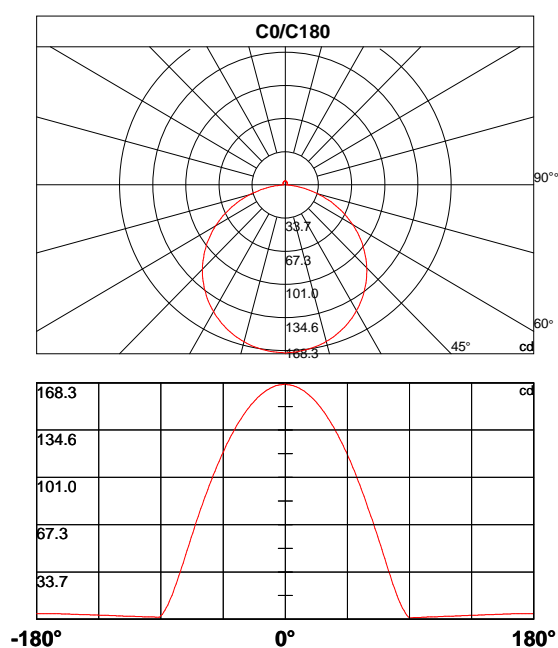
Beam Angle(10%): Left: -81.3 Right:81.6

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	167.5	167.1	167.0	166.8	166.7	166.4	166.1	165.8	165.4	165.0
30.0	167.5	167.3	167.2	167.0	166.9	166.6	166.4	166.0	165.6	165.2
60.0	167.5	166.8	166.7	166.6	166.4	166.2	165.9	165.6	165.2	164.8
90.0	167.5	168.3	168.3	168.3	168.1	168.0	167.7	167.4	167.1	166.7
120.0	167.5	168.0	167.9	167.9	167.7	167.5	167.3	167.0	166.7	166.3
150.0	167.5	167.8	167.8	167.7	167.6	167.4	167.2	166.9	166.6	166.2
180.0	167.5	167.1	167.1	166.9	166.8	166.6	166.3	166.0	165.7	165.2
210.0	167.5	167.3	167.2	167.1	166.9	166.7	166.5	166.1	165.8	165.4
240.0	167.5	166.8	166.7	166.6	166.4	166.1	165.9	165.6	165.2	164.7
270.0	167.5	168.2	168.0	167.8	167.5	167.2	166.8	166.3	165.9	165.3
300.0	167.5	167.9	167.8	167.7	167.5	167.2	166.9	166.5	166.1	165.6
330.0	167.5	167.7	167.6	167.4	167.2	167.0	166.6	166.3	165.9	165.4
360.0	167.5	167.1	167.0	166.8	166.7	166.4	166.1	165.8	165.4	165.0

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	164.5	164.0	163.4	162.8	162.1	161.4	160.6	159.8	159.0	158.1
30.0	164.8	164.2	163.7	163.0	162.4	161.6	160.9	160.1	159.2	158.3
60.0	164.3	163.8	163.3	162.7	162.0	161.3	160.5	159.7	158.9	158.0
90.0	166.2	165.7	165.1	164.5	163.9	163.2	162.4	161.7	160.8	159.9
120.0	165.8	165.3	164.8	164.3	163.7	162.9	162.2	161.4	160.7	159.7
150.0	165.8	165.3	164.8	164.2	163.6	163.0	162.2	161.5	160.7	159.8
180.0	164.8	164.2	163.7	163.2	162.6	161.8	161.1	160.3	159.5	158.6
210.0	164.9	164.4	163.8	163.2	162.6	161.9	161.1	160.3	159.4	158.5
240.0	164.2	163.6	163.1	162.5	161.7	160.9	160.1	159.3	158.4	157.4
270.0	164.8	164.2	163.7	163.1	162.3	161.4	160.4	159.5	158.6	157.6
300.0	165.1	164.5	163.9	163.2	162.5	161.7	160.8	159.9	159.0	158.0
330.0	164.9	164.3	163.7	163.1	162.4	161.6	160.8	159.9	159.0	158.0
360.0	164.5	164.0	163.4	162.8	162.1	161.4	160.6	159.8	159.0	158.1

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	157.1	156.1	155.0	153.9	152.7	151.5	150.2	148.9	147.6	146.1
30.0	157.3	156.3	155.2	154.1	152.9	151.8	150.5	149.2	147.8	146.5
60.0	157.0	156.0	155.0	153.9	152.8	151.5	150.3	149.1	147.7	146.3
90.0	159.0	158.1	157.0	156.0	154.9	153.7	152.5	151.3	150.0	148.6
120.0	158.8	157.9	156.9	155.8	154.7	153.6	152.3	151.0	149.7	148.4
150.0	158.9	158.0	157.0	155.9	154.8	153.6	152.5	151.3	150.0	148.6
180.0	157.6	156.7	155.7	154.6	153.5	152.4	151.1	149.8	148.5	147.2
210.0	157.6	156.6	155.5	154.4	153.2	152.0	150.8	149.5	148.1	146.7
240.0	156.3	155.4	154.2	153.0	151.8	150.6	149.2	147.8	146.5	145.1
270.0	156.5	155.3	154.1	152.9	151.6	150.3	148.9	147.5	146.1	144.6
300.0	156.9	155.8	154.6	153.4	152.1	150.8	149.5	148.1	146.7	145.2
330.0	157.0	155.9	154.8	153.7	152.4	151.2	149.8	148.5	147.1	145.6
360.0	157.1	156.1	155.0	153.9	152.7	151.5	150.2	148.9	147.6	146.1

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	144.7	143.2	141.6	140.0	138.4	136.7	134.9	133.1	131.3	129.4
30.0	145.0	143.5	141.9	140.4	138.7	137.0	135.3	133.6	131.7	129.8
60.0	144.9	143.4	141.9	140.3	138.8	137.1	135.4	133.6	131.8	130.0
90.0	147.2	145.8	144.3	142.7	141.1	139.5	137.9	136.1	134.4	132.6
120.0	147.0	145.6	144.1	142.5	141.0	139.3	137.6	135.9	134.2	132.4
150.0	147.2	145.8	144.3	142.8	141.1	139.5	137.9	136.1	134.4	132.6
180.0	145.7	144.3	142.8	141.2	139.6	137.9	136.2	134.5	132.7	130.9
210.0	145.3	143.8	142.3	140.6	139.0	137.3	135.6	133.8	131.9	130.1
240.0	143.6	142.0	140.4	138.8	137.1	135.3	133.5	131.7	129.8	127.9
270.0	143.0	141.4	139.7	138.1	136.3	134.5	132.7	130.8	128.9	126.8
300.0	143.6	142.1	140.4	138.7	137.0	135.3	133.4	131.5	129.5	127.6
330.0	144.1	142.5	140.9	139.3	137.5	135.7	134.0	132.1	130.3	128.3
360.0	144.7	143.2	141.6	140.0	138.4	136.7	134.9	133.1	131.3	129.4

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	127.5	125.5	123.4	121.3	119.2	117.1	114.9	112.5	110.3	107.9
30.0	127.9	126.0	124.0	121.8	119.7	117.6	115.5	113.2	110.9	108.7
60.0	128.1	126.2	124.2	122.2	120.1	118.1	115.9	113.7	111.5	109.2
90.0	130.7	128.8	126.9	124.9	122.8	120.8	118.8	116.6	114.3	112.2
120.0	130.5	128.6	126.6	124.7	122.6	120.5	118.4	116.2	114.0	111.7
150.0	130.7	128.8	126.9	124.8	122.8	120.8	118.7	116.4	114.2	112.1
180.0	128.9	127.0	125.0	123.1	120.9	118.8	116.7	114.5	112.2	109.9
210.0	128.1	126.2	124.2	122.1	120.0	117.9	115.8	113.4	111.1	109.0
240.0	125.9	123.9	121.8	119.7	117.5	115.3	113.1	110.9	108.5	106.1
270.0	124.8	122.7	120.6	118.3	116.1	113.9	111.6	109.2	106.9	104.3
300.0	125.6	123.5	121.4	119.2	117.0	114.8	112.5	110.1	107.7	105.3
330.0	126.3	124.2	122.2	119.9	117.7	115.6	113.3	111.0	108.7	106.2
360.0	127.5	125.5	123.4	121.3	119.2	117.1	114.9	112.5	110.3	107.9

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	105.5	103.1	100.6	98.1	95.5	92.9	90.2	87.6	84.8	82.0
30.0	106.3	103.9	101.5	99.0	96.5	93.9	91.3	88.7	85.9	83.3
60.0	106.9	104.5	102.1	99.7	97.3	94.8	92.2	89.7	87.0	84.3
90.0	110.1	107.7	105.2	102.7	100.2	97.7	95.2	92.6	90.0	87.3
120.0	109.4	107.1	104.8	102.3	99.8	97.3	94.6	92.0	89.5	86.9
150.0	109.9	107.5	104.9	102.4	99.9	97.4	94.8	92.2	89.6	86.8
180.0	107.6	105.2	102.8	100.2	97.7	95.1	92.4	89.7	87.1	84.5
210.0	106.7	104.2	101.6	99.0	96.4	93.9	91.2	88.5	85.8	83.0
240.0	103.7	101.2	98.7	96.2	93.5	90.8	88.1	85.3	82.7	79.9
270.0	101.9	99.4	96.8	94.2	91.5	88.9	86.1	83.4	80.5	77.7
300.0	102.9	100.3	97.7	95.2	92.5	89.8	87.1	84.4	81.6	78.7
330.0	103.8	101.3	98.8	96.2	93.5	90.9	88.2	85.5	82.7	79.9
360.0	105.5	103.1	100.6	98.1	95.5	92.9	90.2	87.6	84.8	82.0

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	79.2	76.3	73.5	70.7	67.7	64.6	61.6	58.7	55.7	52.5
30.0	80.4	77.7	74.8	71.9	69.1	66.2	63.2	60.2	57.2	54.1
60.0	81.5	78.7	75.9	73.1	70.1	67.0	64.0	61.1	58.0	54.9
90.0	84.7	81.9	79.2	76.4	73.7	70.8	67.9	65.0	62.1	59.1
120.0	84.1	81.4	78.7	75.8	73.0	70.2	67.2	64.1	61.1	58.1
150.0	84.1	81.3	78.6	75.7	72.9	70.0	67.1	64.0	61.1	58.1
180.0	81.6	78.9	76.1	73.2	70.3	67.4	64.4	61.3	58.4	55.3
210.0	80.2	77.4	74.5	71.6	68.7	65.7	62.7	59.7	56.7	53.6
240.0	77.0	74.2	71.4	68.3	65.4	62.5	59.5	56.4	53.4	50.3
270.0	74.8	71.9	68.9	65.9	63.0	59.9	56.9	53.7	50.7	47.6
300.0	75.8	72.8	70.0	67.1	64.1	60.9	58.0	54.9	51.9	48.7
330.0	76.9	74.1	71.1	68.1	65.3	62.2	59.2	56.0	53.0	49.9
360.0	79.2	76.3	73.5	70.7	67.7	64.6	61.6	58.7	55.7	52.5

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	49.4	46.4	43.2	40.0	37.0	34.0	31.0	27.9	25.0	22.2
30.0	51.1	48.0	44.9	41.7	38.6	35.5	32.4	29.3	26.5	23.5
60.0	51.9	48.9	46.0	42.8	39.7	36.9	34.0	31.0	28.2	25.5
90.0	56.2	53.3	50.2	47.1	44.4	41.4	38.4	35.3	32.1	29.2
120.0	55.2	51.9	48.8	45.8	42.8	39.7	36.7	33.8	30.8	28.0
150.0	55.0	52.0	49.0	46.0	42.8	39.7	36.7	33.6	30.6	27.9
180.0	52.3	49.1	46.0	43.0	40.0	36.9	33.9	30.9	27.9	25.1
210.0	50.5	47.4	44.3	41.1	38.0	34.9	32.0	29.0	26.0	23.3
240.0	47.3	44.0	40.9	37.9	35.0	31.9	29.0	26.0	23.1	20.4
270.0	44.5	41.3	38.2	35.1	32.0	29.0	26.1	23.1	20.4	17.6
300.0	45.6	42.5	39.4	36.3	33.2	30.3	27.3	24.3	21.6	19.0
330.0	46.8	43.6	40.6	37.5	34.5	31.4	28.4	25.4	22.5	19.7
360.0	49.4	46.4	43.2	40.0	37.0	34.0	31.0	27.9	25.0	22.2

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	19.5	16.9	14.3	12.0	9.8	7.9	6.1	4.5	3.1	1.8
30.0	20.8	18.1	15.7	13.3	11.1	9.1	7.2	5.7	4.3	3.3
60.0	22.8	20.1	17.5	15.1	12.9	10.9	9.0	7.2	5.7	4.5
90.0	26.6	23.8	21.0	18.2	15.9	13.7	11.5	9.4	7.6	6.2
120.0	25.2	22.5	19.9	17.5	15.1	12.8	10.8	8.9	7.3	5.8
150.0	25.0	22.2	19.3	16.7	14.4	12.2	10.0	8.3	6.8	5.4
180.0	22.3	19.5	17.0	14.6	12.3	10.1	8.2	6.5	4.9	3.5
210.0	20.5	17.8	15.3	13.1	10.9	8.8	6.8	5.2	4.1	3.1
240.0	17.8	15.3	12.9	10.8	8.8	7.0	5.4	4.3	3.4	2.7
270.0	15.1	12.8	10.8	8.7	7.0	5.5	4.3	3.4	2.6	2.1
300.0	16.4	14.0	11.6	9.6	7.8	6.3	5.0	3.9	3.1	2.5
330.0	17.0	14.6	12.4	10.1	8.2	6.5	5.1	4.0	3.0	2.4
360.0	19.5	16.9	14.3	12.0	9.8	7.9	6.1	4.5	3.1	1.8

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	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4
30.0	2.5	2.0	1.6	1.4	1.3	1.3	1.3	1.3	1.4	1.4
60.0	3.5	2.8	2.2	1.9	1.6	1.5	1.5	1.4	1.5	1.5
90.0	5.0	3.9	3.1	2.5	2.2	2.0	1.9	1.8	1.8	1.8
120.0	4.7	3.8	3.1	2.6	2.2	2.0	1.8	1.8	1.8	1.8
150.0	4.2	3.3	2.6	2.2	1.9	1.7	1.7	1.6	1.7	1.7
180.0	2.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7
210.0	2.4	1.9	1.8	1.7	1.6	1.6	1.6	1.7	1.7	1.7
240.0	2.3	2.0	1.8	1.8	1.8	1.8	1.8	1.8	1.8	1.8
270.0	1.8	1.6	1.5	1.4	1.4	1.4	1.5	1.5	1.5	1.6
300.0	2.0	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5
330.0	2.0	1.7	1.5	1.4	1.4	1.3	1.3	1.3	1.4	1.4
360.0	1.1	1.1	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4

Cly	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8
30.0	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8
60.0	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
90.0	1.8	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
120.0	1.8	1.8	1.8	1.9	1.9	1.9	1.9	2.0	2.0	2.0
150.0	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
180.0	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
210.0	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
240.0	1.9	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0
270.0	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8	1.9
300.0	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7	1.8
330.0	1.4	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8
360.0	1.4	1.4	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8

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

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	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5
30.0	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5
60.0	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.6
90.0	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.8
120.0	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7
150.0	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7
180.0	2.4	2.4	2.5	2.5	2.5	2.5	2.6	2.6	2.7	2.7
210.0	2.4	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
240.0	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
270.0	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7
300.0	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6
330.0	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5
360.0	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5

Cly	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9
30.0	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	2.9
60.0	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0
90.0	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1
120.0	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.0	3.1
150.0	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1
180.0	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0
210.0	2.7	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0
240.0	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1
270.0	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1
300.0	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0
330.0	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9
360.0	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9

Cly	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3
30.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3
60.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3
90.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4
120.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4
150.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4
180.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4
210.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4
240.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4
270.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4
300.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2	3.3	3.3
330.0	2.9	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3
360.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3

Photometric Data Table [cd]

C\γ	150.0	151.0	152.0	153.0	154.0	155.0	156.0	157.0	158.0	159.0
0.0	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.7
30.0	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.7
60.0	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.7
90.0	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.7
120.0	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7
150.0	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7
180.0	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7
210.0	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7
240.0	3.5	3.5	3.5	3.5	3.6	3.6	3.6	3.6	3.7	3.7
270.0	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.8
300.0	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.6
330.0	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6	3.6
360.0	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6	3.7

C\γ	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9
30.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9
60.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9
90.0	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9	3.9	3.9
120.0	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9
150.0	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9
180.0	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.9	3.9	3.9
210.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.9
240.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8
270.0	3.8	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0
300.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.9	3.9
330.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.9	3.9
360.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.9	3.9	3.9

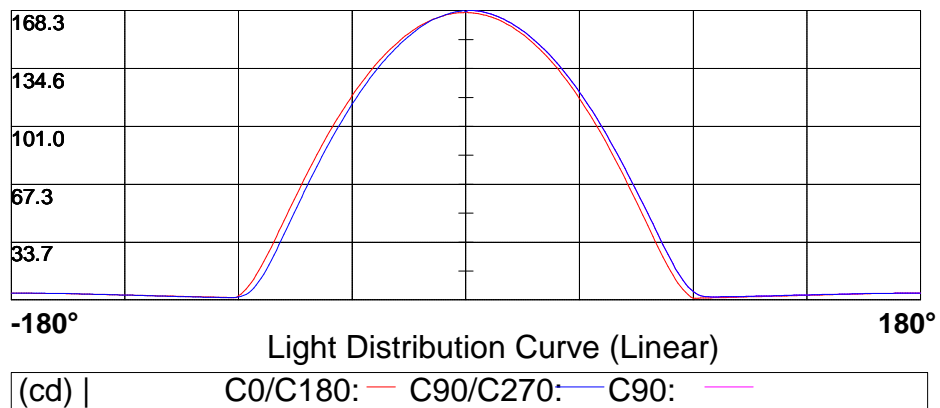
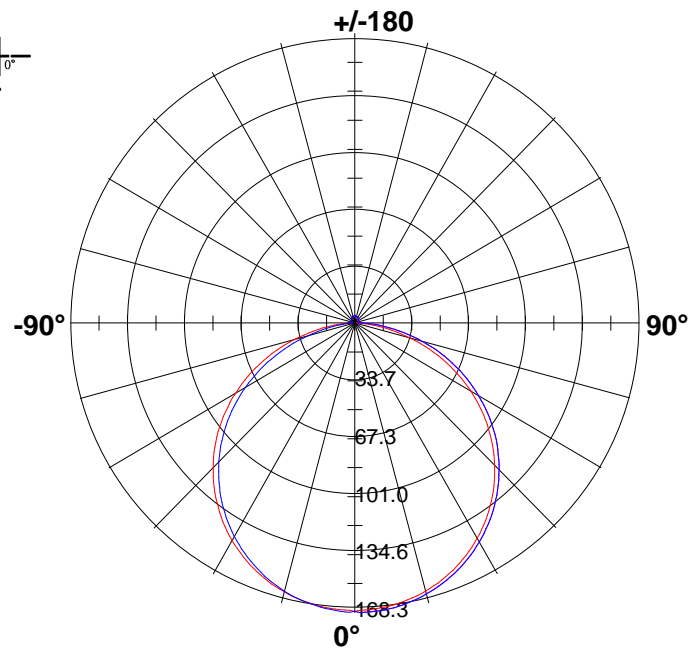
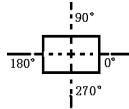
C\γ	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1
30.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
60.0	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
90.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1
120.0	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0
150.0	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0
180.0	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0
210.0	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0
240.0	3.9	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0
270.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1
300.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.0
330.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.0	4.1
360.0	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1

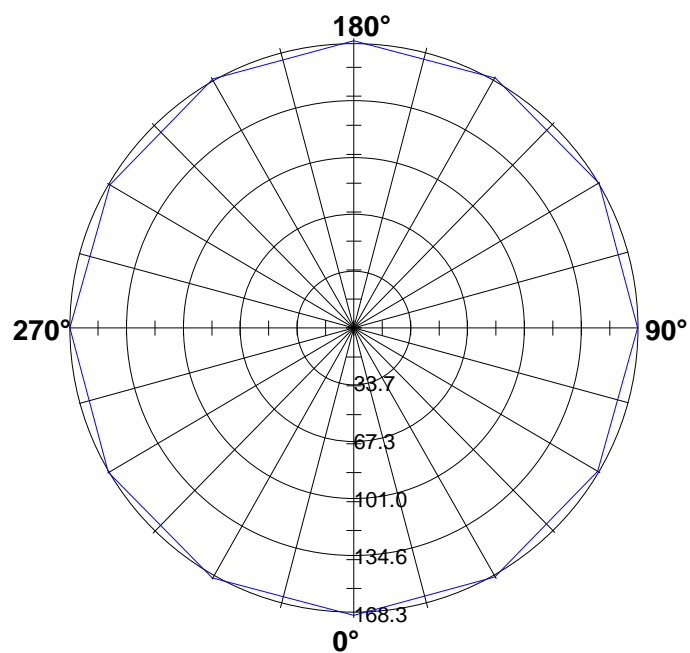
Photometric Data Table [cd]

C\γ	180.0
0.0	4.1
30.0	4.1
60.0	4.1
90.0	4.1
120.0	4.1
150.0	4.1
180.0	4.1
210.0	4.1
240.0	4.1
270.0	4.1
300.0	4.1
330.0	4.1
360.0	4.1

Light Distribution Curve [Unit: cd]

Luminaire



Max Plane Light Distribution Curve [Unit: cd]

168.3							
134.6							
101.0							
67.3							
33.7							

-180°

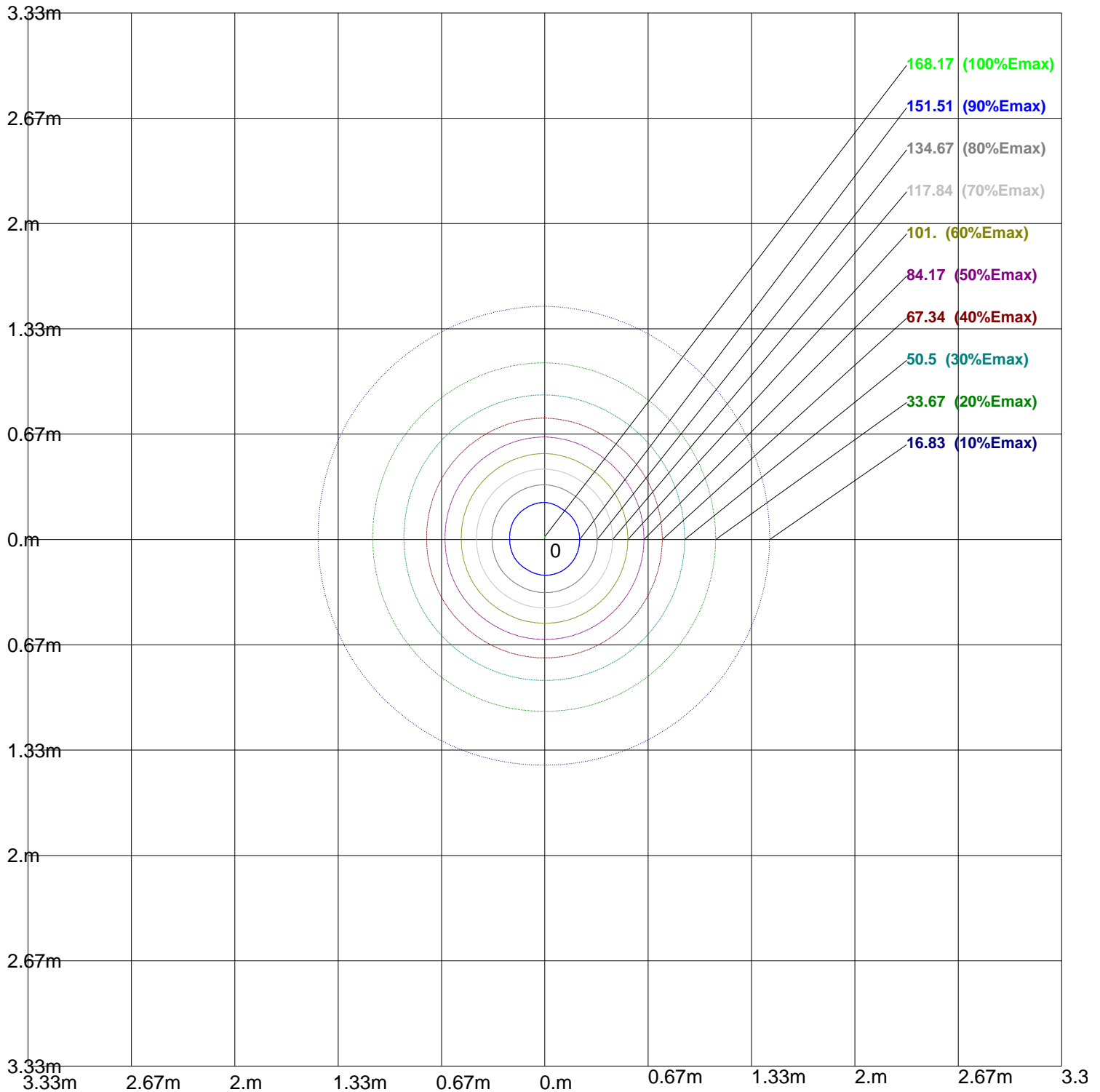
Light Distribution Curve (Linear)

180°

(cd) |

γ2: —

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 168.34lx

Luminance Limiting Curve

Diameter: 0mm

Length: 1000mm

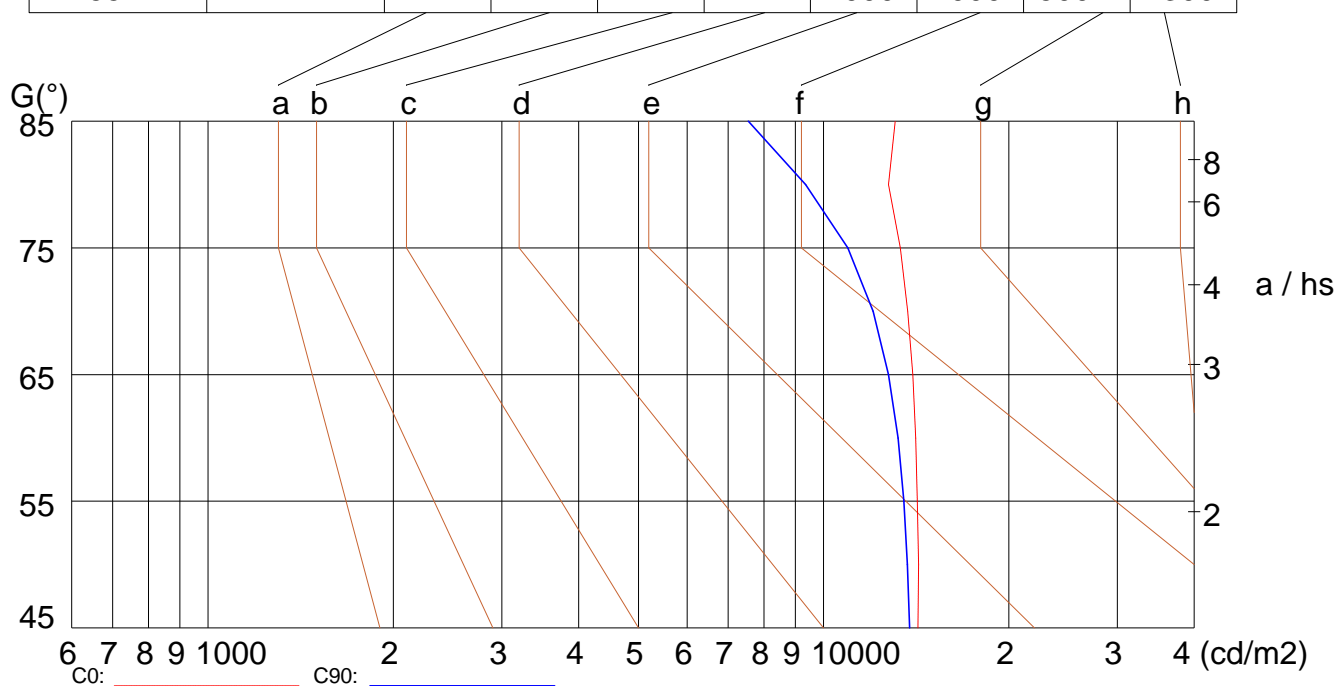
Width: 12mm

Height: 20mm

(cd/m²)

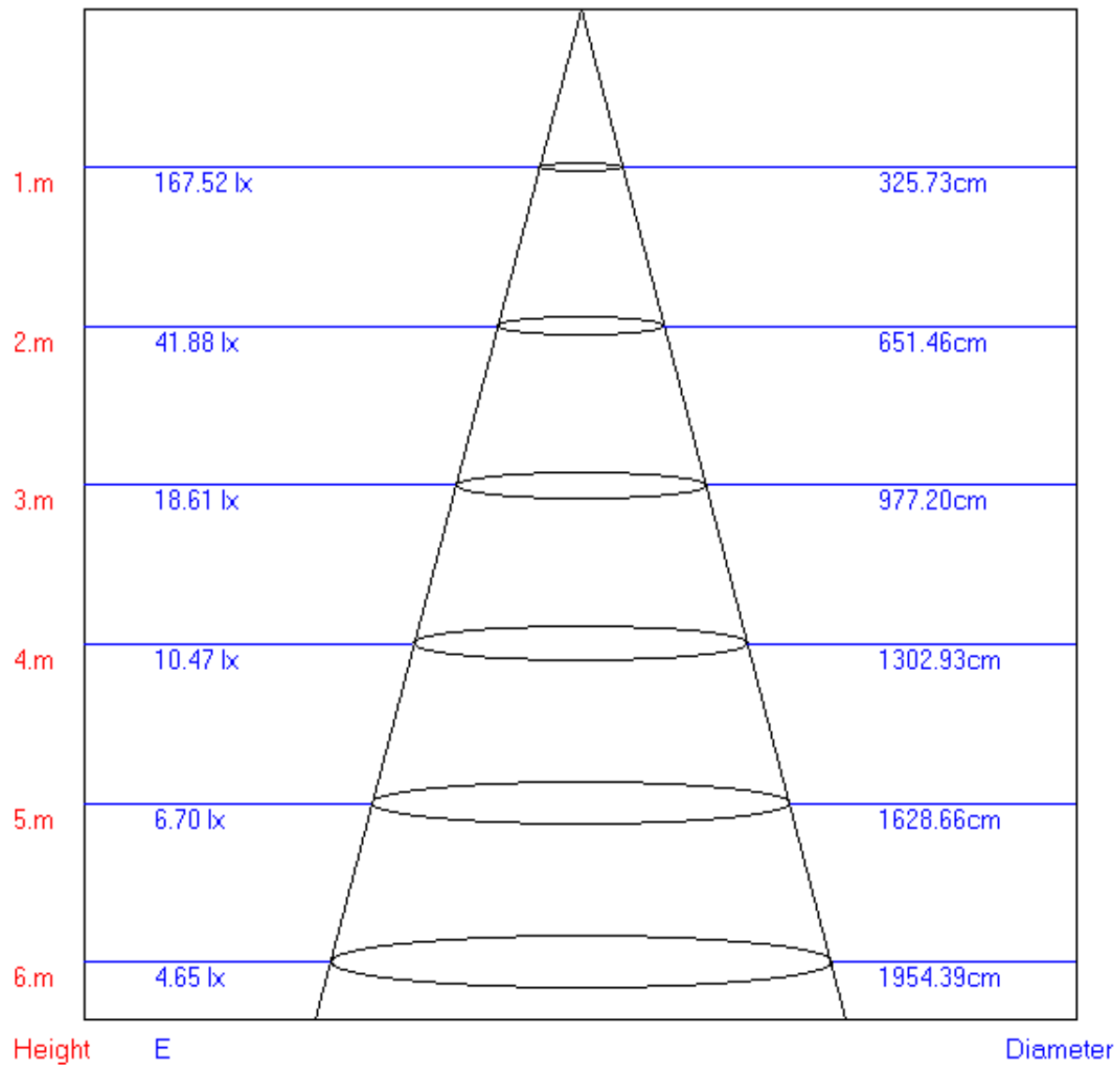
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	14235	14270	14200	14113	13953	13703	13323	12746	13070
C90	13799	13681	13497	13207	12742	12041	10947	9348	7544

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

