

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] NP-T1615-W40-10-CC

Sum Lumens: 548.14 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: 16mm

Height: 15mm

Remark:

Photometric Results

Lumens: 548.14 lm

Efficiency: 100%

Central Intensity: 176.522cd

Maximum Intensity: 177.4cd

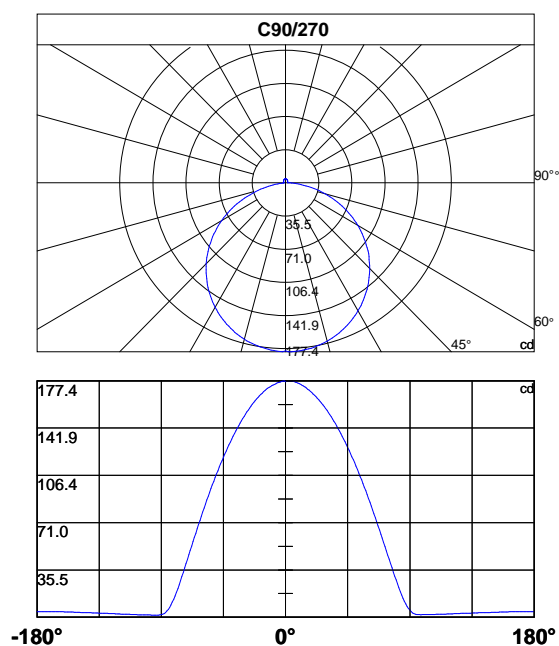
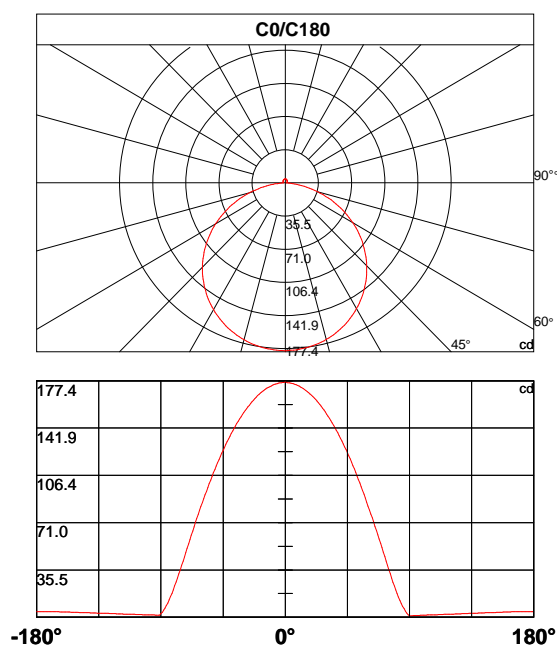
Beam Angle(10%): Left: -81.3 Right:81.6

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	176.5	176.1	176.0	175.8	175.6	175.4	175.1	174.7	174.3	173.9
30.0	176.5	176.2	176.1	176.0	175.8	175.6	175.3	174.9	174.6	174.1
60.0	176.5	175.7	175.6	175.5	175.3	175.1	174.8	174.5	174.1	173.7
90.0	176.5	177.4	177.4	177.3	177.2	177.0	176.8	176.4	176.1	175.7
120.0	176.5	177.0	177.0	176.9	176.7	176.5	176.3	176.0	175.7	175.2
150.0	176.5	176.8	176.8	176.7	176.6	176.4	176.2	175.9	175.5	175.1
180.0	176.5	176.1	176.0	175.9	175.7	175.5	175.3	175.0	174.6	174.1
210.0	176.5	176.3	176.2	176.1	175.9	175.7	175.4	175.1	174.7	174.3
240.0	176.5	175.7	175.6	175.5	175.3	175.1	174.8	174.5	174.1	173.5
270.0	176.5	177.3	177.1	176.8	176.5	176.2	175.8	175.3	174.8	174.2
300.0	176.5	177.0	176.9	176.7	176.5	176.2	175.9	175.5	175.1	174.6
330.0	176.5	176.7	176.6	176.4	176.2	175.9	175.6	175.2	174.8	174.3
360.0	176.5	176.1	176.0	175.8	175.6	175.4	175.1	174.7	174.3	173.9

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	173.4	172.8	172.2	171.6	170.9	170.1	169.3	168.4	167.5	166.6
30.0	173.6	173.1	172.5	171.8	171.1	170.4	169.6	168.7	167.8	166.8
60.0	173.2	172.6	172.1	171.4	170.7	170.0	169.2	168.3	167.5	166.5
90.0	175.2	174.6	174.0	173.4	172.7	172.0	171.2	170.4	169.5	168.5
120.0	174.7	174.2	173.7	173.1	172.5	171.7	170.9	170.1	169.3	168.3
150.0	174.7	174.2	173.7	173.1	172.4	171.8	171.0	170.2	169.3	168.4
180.0	173.6	173.1	172.5	172.0	171.3	170.5	169.7	168.9	168.1	167.1
210.0	173.8	173.2	172.6	172.0	171.3	170.6	169.7	168.9	168.0	167.1
240.0	173.0	172.4	171.8	171.2	170.4	169.6	168.7	167.8	166.9	165.8
270.0	173.7	173.1	172.5	171.8	171.0	170.0	169.1	168.1	167.1	166.0
300.0	174.0	173.4	172.7	172.0	171.3	170.4	169.5	168.5	167.6	166.5
330.0	173.8	173.2	172.5	171.8	171.1	170.3	169.4	168.5	167.6	166.5
360.0	173.4	172.8	172.2	171.6	170.9	170.1	169.3	168.4	167.5	166.6

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	165.5	164.4	163.3	162.2	160.9	159.6	158.3	156.9	155.5	154.0
30.0	165.8	164.7	163.6	162.4	161.2	159.9	158.6	157.2	155.8	154.4
60.0	165.4	164.4	163.3	162.2	161.0	159.7	158.4	157.1	155.6	154.2
90.0	167.6	166.6	165.5	164.4	163.2	162.0	160.7	159.4	158.0	156.6
120.0	167.3	166.3	165.3	164.1	163.0	161.8	160.5	159.1	157.8	156.4
150.0	167.5	166.5	165.4	164.3	163.1	161.9	160.7	159.4	158.0	156.6
180.0	166.1	165.1	164.1	162.9	161.7	160.6	159.2	157.8	156.5	155.1
210.0	166.0	165.0	163.9	162.7	161.5	160.2	158.9	157.5	156.1	154.6
240.0	164.7	163.7	162.5	161.2	160.0	158.7	157.2	155.8	154.4	152.9
270.0	164.9	163.6	162.4	161.1	159.7	158.4	156.9	155.5	153.9	152.3
300.0	165.3	164.1	163.0	161.7	160.3	158.9	157.5	156.1	154.6	153.0
330.0	165.5	164.3	163.1	161.9	160.6	159.3	157.9	156.5	155.0	153.4
360.0	165.5	164.4	163.3	162.2	160.9	159.6	158.3	156.9	155.5	154.0

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	152.5	150.9	149.2	147.6	145.8	144.1	142.2	140.3	138.3	136.3
30.0	152.8	151.2	149.6	147.9	146.2	144.4	142.6	140.7	138.8	136.8
60.0	152.7	151.2	149.6	147.9	146.2	144.5	142.7	140.8	138.9	137.0
90.0	155.1	153.6	152.1	150.4	148.7	147.0	145.3	143.5	141.6	139.7
120.0	154.9	153.4	151.8	150.2	148.6	146.8	145.0	143.2	141.4	139.5
150.0	155.1	153.6	152.1	150.4	148.7	147.1	145.3	143.5	141.6	139.7
180.0	153.6	152.0	150.4	148.8	147.2	145.3	143.5	141.7	139.8	137.9
210.0	153.1	151.5	149.9	148.2	146.5	144.7	142.9	141.0	139.0	137.1
240.0	151.3	149.6	147.9	146.2	144.5	142.6	140.7	138.7	136.8	134.8
270.0	150.7	149.0	147.2	145.5	143.6	141.7	139.8	137.8	135.8	133.7
300.0	151.4	149.7	148.0	146.2	144.4	142.5	140.6	138.5	136.5	134.4
330.0	151.8	150.2	148.4	146.8	144.9	143.0	141.2	139.2	137.3	135.2
360.0	152.5	150.9	149.2	147.6	145.8	144.1	142.2	140.3	138.3	136.3

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	134.3	132.2	130.1	127.9	125.6	123.4	121.0	118.6	116.2	113.7
30.0	134.8	132.7	130.7	128.3	126.1	124.0	121.8	119.2	116.9	114.6
60.0	135.0	133.0	130.9	128.8	126.6	124.4	122.2	119.8	117.5	115.1
90.0	137.7	135.7	133.7	131.6	129.4	127.3	125.2	122.8	120.4	118.3
120.0	137.5	135.5	133.4	131.4	129.2	127.0	124.8	122.5	120.2	117.7
150.0	137.7	135.7	133.7	131.5	129.4	127.3	125.1	122.7	120.4	118.1
180.0	135.9	133.8	131.8	129.7	127.4	125.2	122.9	120.6	118.2	115.8
210.0	135.0	132.9	130.9	128.7	126.4	124.3	122.0	119.5	117.1	114.8
240.0	132.7	130.5	128.4	126.2	123.9	121.5	119.2	116.8	114.3	111.8
270.0	131.5	129.3	127.1	124.7	122.3	120.1	117.6	115.1	112.7	110.0
300.0	132.3	130.2	127.9	125.6	123.3	121.0	118.5	116.0	113.5	111.0
330.0	133.1	130.9	128.7	126.3	124.0	121.8	119.4	117.0	114.5	111.9
360.0	134.3	132.2	130.1	127.9	125.6	123.4	121.0	118.6	116.2	113.7

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	111.2	108.6	106.0	103.3	100.7	97.9	95.1	92.3	89.4	86.4
30.0	112.0	109.5	107.0	104.3	101.7	99.0	96.3	93.4	90.6	87.8
60.0	112.7	110.2	107.6	105.1	102.5	99.9	97.1	94.5	91.7	88.8
90.0	116.0	113.5	110.8	108.2	105.6	103.0	100.3	97.6	94.9	92.1
120.0	115.3	112.9	110.4	107.8	105.1	102.5	99.7	97.0	94.3	91.6
150.0	115.8	113.3	110.6	107.9	105.3	102.6	99.9	97.1	94.4	91.5
180.0	113.3	110.8	108.3	105.6	102.9	100.2	97.3	94.5	91.8	89.1
210.0	112.4	109.8	107.0	104.3	101.6	98.9	96.1	93.2	90.4	87.5
240.0	109.3	106.7	104.1	101.3	98.5	95.7	92.8	89.9	87.2	84.2
270.0	107.4	104.8	102.0	99.3	96.5	93.7	90.8	87.9	84.9	81.9
300.0	108.4	105.7	103.0	100.3	97.5	94.7	91.8	88.9	85.9	83.0
330.0	109.3	106.8	104.1	101.4	98.6	95.8	93.0	90.1	87.1	84.2
360.0	111.2	108.6	106.0	103.3	100.7	97.9	95.1	92.3	89.4	86.4

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	83.5	80.4	77.5	74.5	71.3	68.1	64.9	61.8	58.7	55.3
30.0	84.8	81.9	78.8	75.8	72.8	69.7	66.6	63.4	60.3	57.0
60.0	85.9	82.9	80.0	77.0	73.9	70.6	67.5	64.4	61.2	57.8
90.0	89.2	86.3	83.5	80.5	77.6	74.6	71.5	68.5	65.4	62.3
120.0	88.6	85.8	82.9	79.9	76.9	74.0	70.8	67.6	64.4	61.3
150.0	88.6	85.7	82.8	79.8	76.8	73.7	70.7	67.5	64.4	61.2
180.0	86.0	83.1	80.2	77.1	74.1	71.1	67.8	64.6	61.5	58.3
210.0	84.6	81.5	78.5	75.5	72.4	69.3	66.1	62.9	59.7	56.5
240.0	81.1	78.2	75.2	72.0	69.0	65.9	62.7	59.4	56.2	53.0
270.0	78.8	75.8	72.6	69.4	66.4	63.1	59.9	56.6	53.4	50.1
300.0	79.9	76.8	73.8	70.7	67.5	64.2	61.1	57.9	54.7	51.3
330.0	81.1	78.1	74.9	71.7	68.8	65.5	62.3	59.0	55.9	52.5
360.0	83.5	80.4	77.5	74.5	71.3	68.1	64.9	61.8	58.7	55.3

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	52.1	48.9	45.5	42.2	38.9	35.8	32.7	29.4	26.4	23.4
30.0	53.9	50.5	47.3	44.0	40.7	37.4	34.2	30.9	27.9	24.7
60.0	54.7	51.5	48.4	45.1	41.8	38.8	35.8	32.7	29.8	26.9
90.0	59.3	56.2	52.9	49.7	46.8	43.6	40.4	37.2	33.8	30.8
120.0	58.1	54.7	51.4	48.3	45.1	41.8	38.7	35.6	32.5	29.5
150.0	57.9	54.8	51.7	48.5	45.1	41.8	38.7	35.4	32.2	29.4
180.0	55.1	51.7	48.4	45.3	42.2	38.9	35.7	32.5	29.4	26.5
210.0	53.2	49.9	46.6	43.3	40.0	36.8	33.7	30.5	27.4	24.5
240.0	49.8	46.4	43.1	40.0	36.9	33.6	30.5	27.4	24.4	21.5
270.0	46.8	43.5	40.3	37.0	33.8	30.5	27.5	24.4	21.4	18.6
300.0	48.1	44.8	41.5	38.2	35.0	31.9	28.8	25.6	22.8	20.0
330.0	49.3	46.0	42.8	39.5	36.3	33.0	29.9	26.8	23.8	20.7
360.0	52.1	48.9	45.5	42.2	38.9	35.8	32.7	29.4	26.4	23.4

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	20.5	17.8	15.1	12.7	10.4	8.3	6.5	4.7	3.3	1.9
30.0	21.9	19.1	16.6	14.0	11.7	9.6	7.6	6.0	4.5	3.4
60.0	24.0	21.2	18.5	15.9	13.6	11.4	9.5	7.6	6.0	4.8
90.0	28.0	25.1	22.1	19.2	16.8	14.4	12.1	9.9	8.1	6.6
120.0	26.5	23.8	21.0	18.4	15.9	13.5	11.4	9.4	7.7	6.2
150.0	26.4	23.4	20.3	17.6	15.2	12.8	10.6	8.7	7.1	5.7
180.0	23.5	20.6	17.9	15.4	12.9	10.7	8.6	6.8	5.2	3.7
210.0	21.6	18.7	16.1	13.8	11.4	9.3	7.2	5.5	4.3	3.2
240.0	18.7	16.1	13.6	11.4	9.3	7.4	5.8	4.5	3.6	2.9
270.0	15.9	13.5	11.4	9.2	7.4	5.8	4.5	3.6	2.8	2.3
300.0	17.3	14.7	12.3	10.1	8.3	6.7	5.3	4.2	3.3	2.6
330.0	17.9	15.4	13.0	10.6	8.6	6.9	5.4	4.2	3.2	2.5
360.0	20.5	17.8	15.1	12.7	10.4	8.3	6.5	4.7	3.3	1.9

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	1.2	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.4
30.0	2.6	2.1	1.7	1.5	1.4	1.4	1.4	1.4	1.4	1.5
60.0	3.7	2.9	2.4	2.0	1.7	1.6	1.5	1.5	1.5	1.6
90.0	5.3	4.2	3.3	2.7	2.3	2.1	2.0	1.9	1.9	1.9
120.0	4.9	4.0	3.3	2.7	2.3	2.1	1.9	1.9	1.9	1.9
150.0	4.5	3.5	2.8	2.3	2.0	1.8	1.8	1.7	1.8	1.8
180.0	2.6	1.6	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.8
210.0	2.5	2.0	1.9	1.8	1.7	1.7	1.7	1.8	1.8	1.8
240.0	2.4	2.1	1.9	1.9	1.9	1.9	1.9	1.9	1.9	1.9
270.0	1.9	1.7	1.6	1.5	1.5	1.5	1.5	1.6	1.6	1.6
300.0	2.1	1.8	1.7	1.6	1.6	1.5	1.5	1.5	1.6	1.6
330.0	2.1	1.8	1.6	1.5	1.5	1.4	1.4	1.4	1.4	1.5
360.0	1.2	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4	1.4

C _y	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.9
30.0	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.9
60.0	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
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	1.9	2.0	2.0	2.0	2.0	2.1	2.1	2.1
150.0	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
180.0	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
210.0	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
240.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1
270.0	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0
300.0	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
330.0	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.9
360.0	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.9

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

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	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7
30.0	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.7	2.7
60.0	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
90.0	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.9	2.9
120.0	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.9	2.9
150.0	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9
180.0	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8
210.0	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8
240.0	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9
270.0	2.4	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8	2.8
300.0	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7
330.0	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7
360.0	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7

Cly	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1
30.0	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.1	3.1
60.0	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1
90.0	2.9	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3
120.0	2.9	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3
150.0	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2
180.0	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2
210.0	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2	3.2
240.0	2.9	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3
270.0	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2
300.0	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1
330.0	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0
360.0	2.7	2.7	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1

Cly	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5
30.0	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5
60.0	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5
90.0	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.6	3.6
120.0	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.5	3.6
150.0	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6
180.0	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.6
210.0	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5
240.0	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5	3.6	3.6
270.0	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.6	3.6
300.0	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5
330.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5
360.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5

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	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8
30.0	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.8	3.8
60.0	3.5	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.8
90.0	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	4.0
120.0	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.9	3.9
150.0	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9
180.0	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9
210.0	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.9
240.0	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.9	3.9
270.0	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9	3.9	4.0
300.0	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8
330.0	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8	3.8
360.0	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8

Cly	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1
30.0	3.9	3.9	3.9	4.0	4.0	4.0	4.1	4.1	4.1	4.1
60.0	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1
90.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2
120.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1
150.0	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1
180.0	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1
210.0	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1
240.0	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1
270.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2
300.0	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1
330.0	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1
360.0	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1

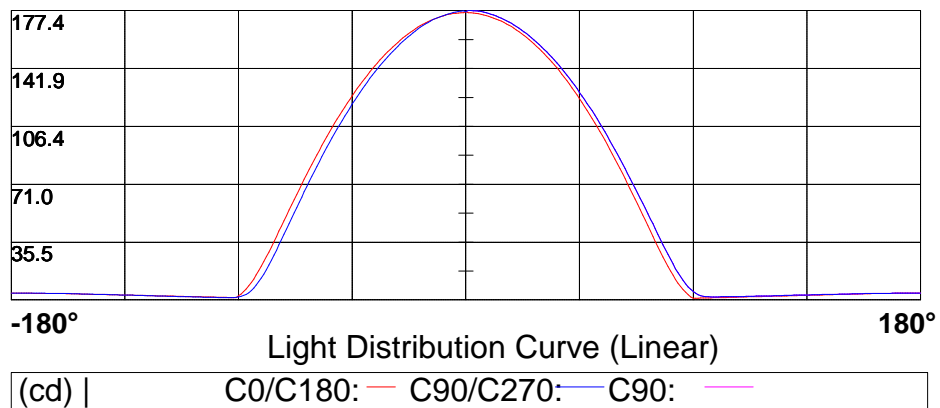
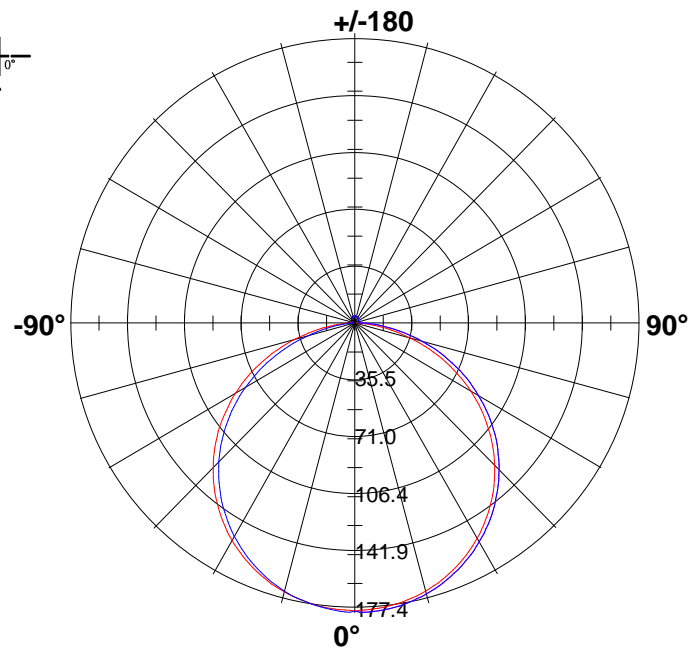
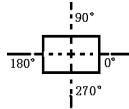
Cly	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3
30.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3
60.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
90.0	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3
120.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2
150.0	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3
180.0	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3
210.0	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.3	4.3
240.0	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2
270.0	4.2	4.2	4.3	4.3	4.3	4.3	4.3	4.3	4.3	4.3
300.0	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
330.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3
360.0	4.2	4.2	4.2	4.2	4.2	4.2	4.3	4.3	4.3	4.3

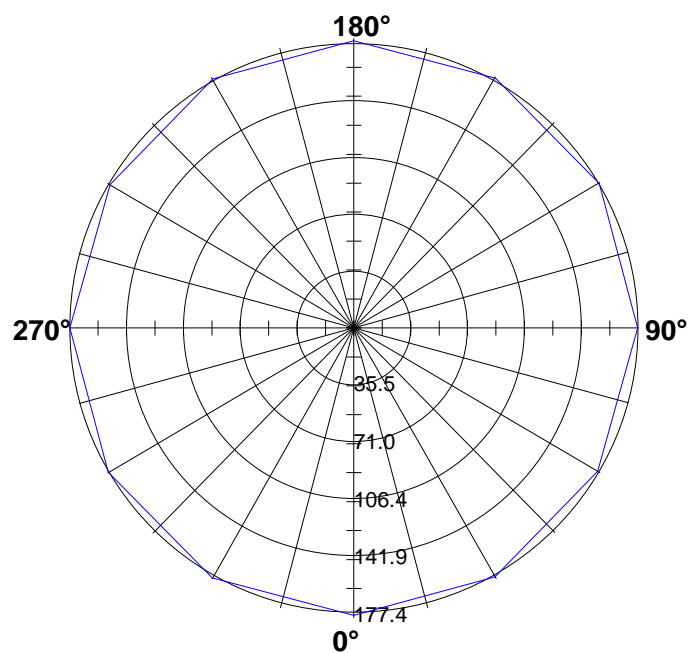
Photometric Data Table [cd]

C_v	180.0
0.0	4.3
30.0	4.3
60.0	4.3
90.0	4.3
120.0	4.3
150.0	4.3
180.0	4.3
210.0	4.3
240.0	4.3
270.0	4.3
300.0	4.3
330.0	4.3
360.0	4.3

Light Distribution Curve [Unit: cd]

Luminaire



Max Plane Light Distribution Curve [Unit: cd]

177.4							
141.9							
106.4							
71.0							
35.5							

-180°

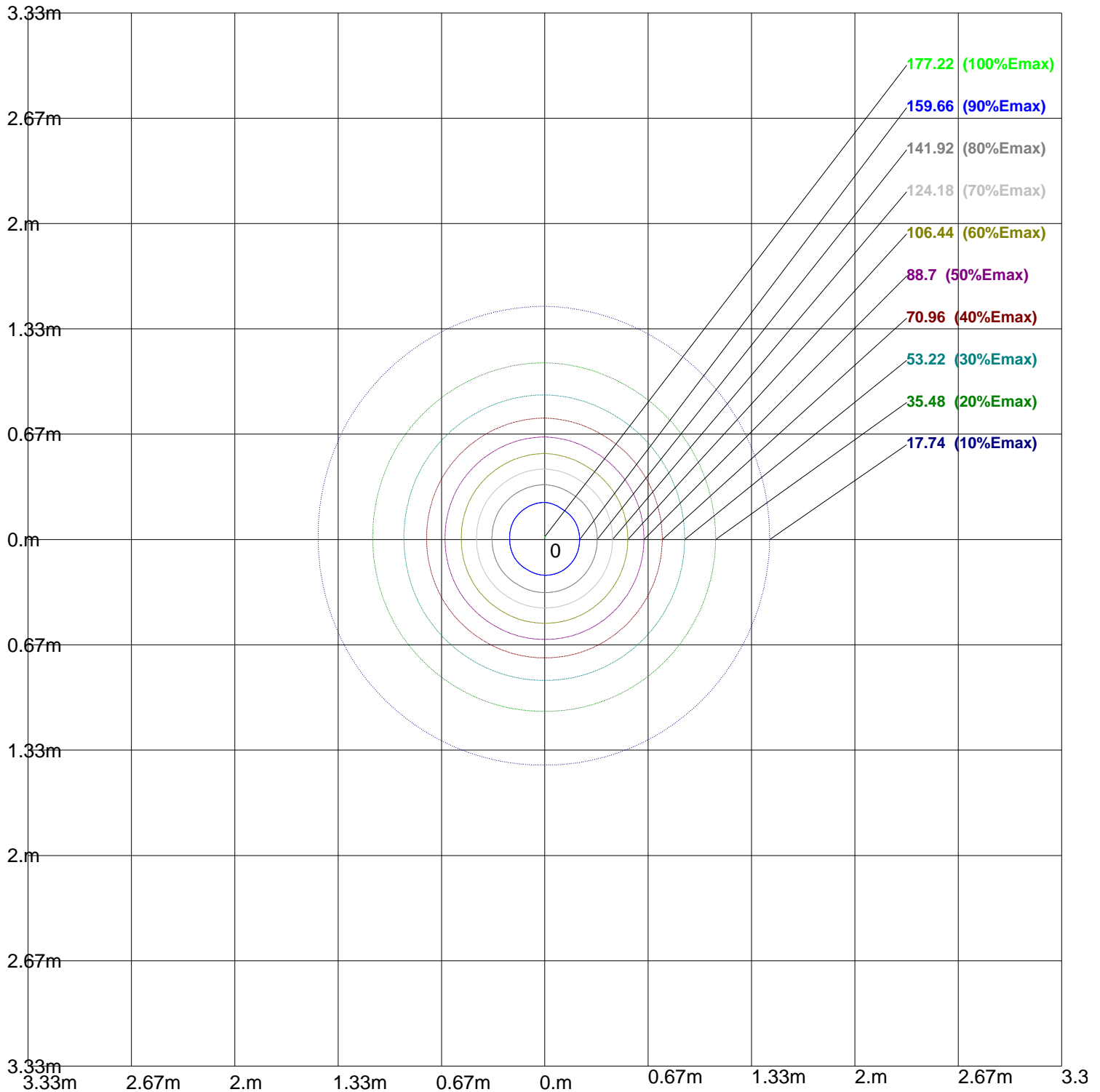
Light Distribution Curve (Linear)

180°

(cd) |

γ2: —

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 177.4lx

Luminance Limiting Curve

Diameter: 0mm

Length: 1000mm

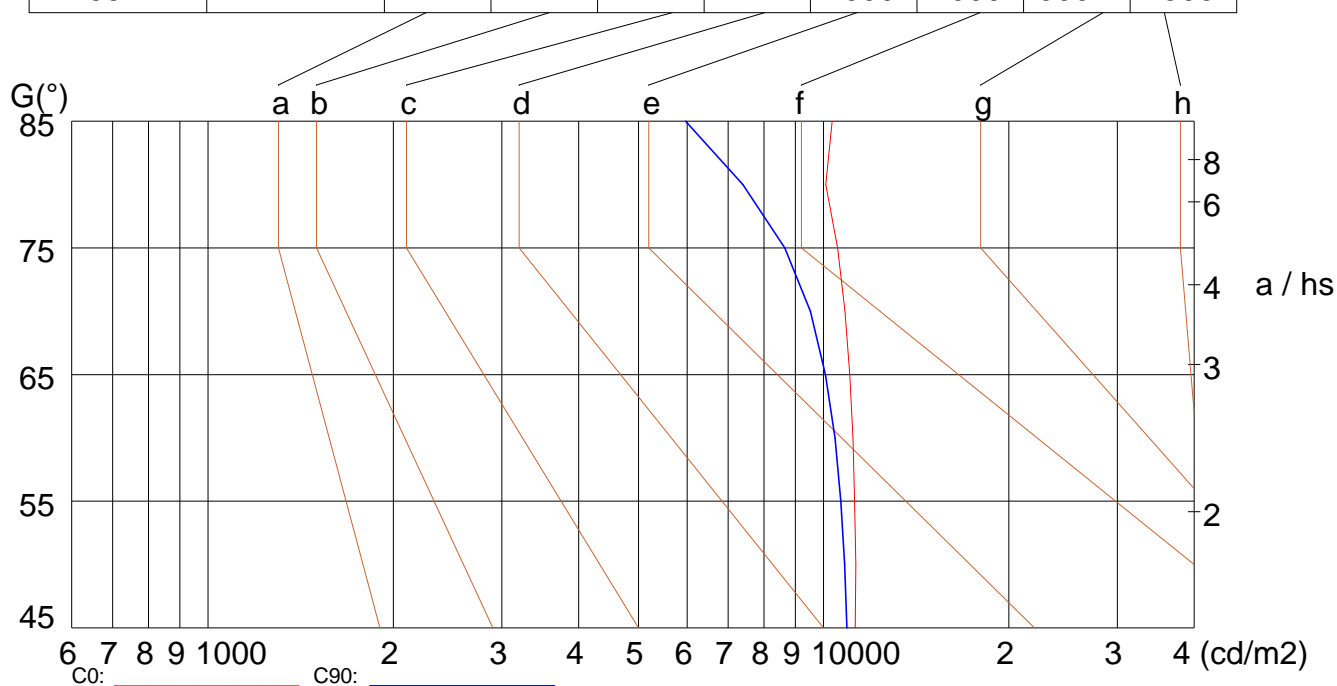
Width: 16mm

Height: 15mm

(cd/m²)

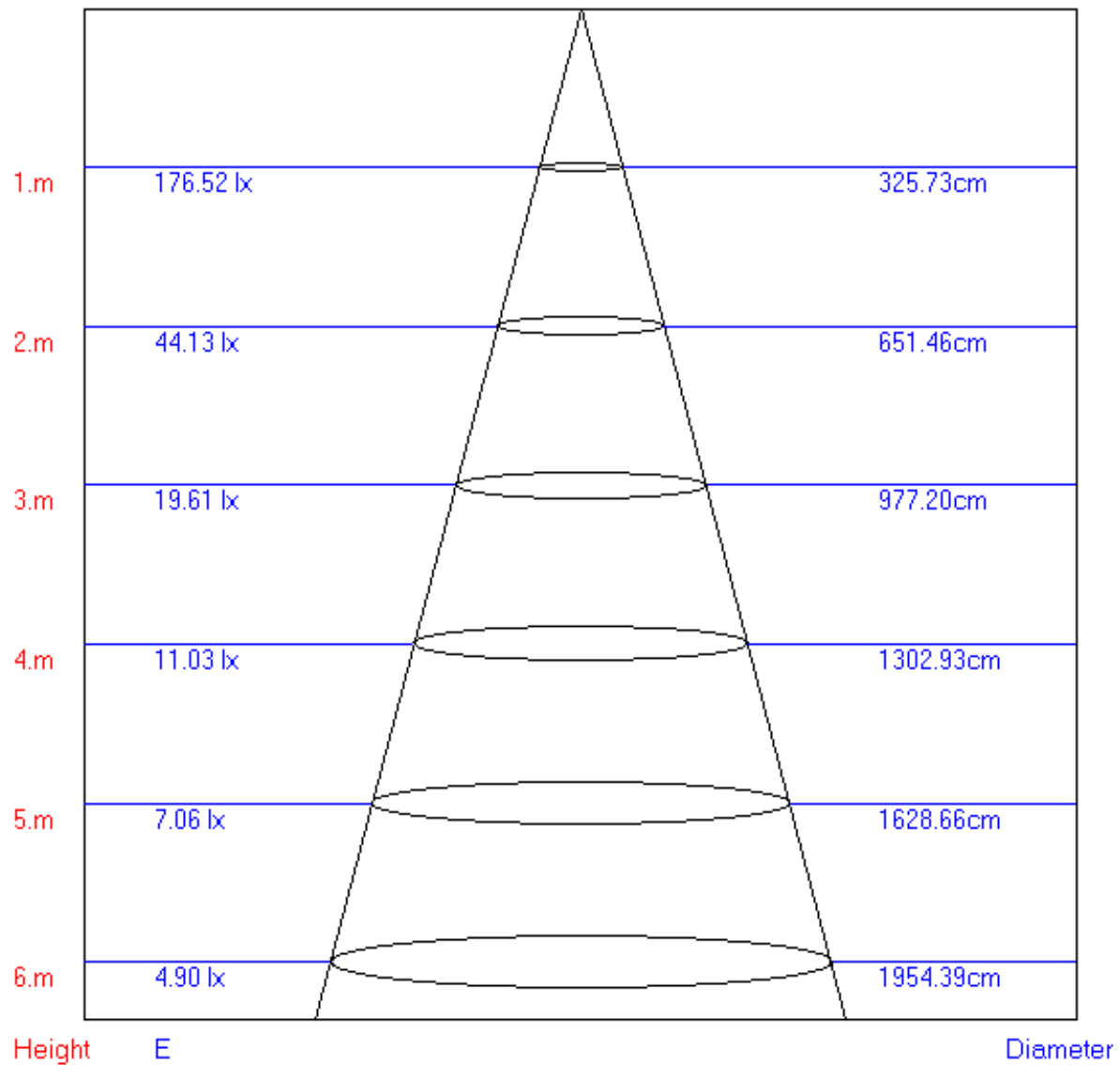
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	11251	11278	11223	11154	11027	10829	10531	10074	10326
C90	10905	10812	10667	10439	10070	9515	8652	7389	5966

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:116.30°

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

