

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] NP-T1615-W30-10-CC

Sum Lumens: 538.28 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: 538.28 lm

Efficiency: 100%

Central Intensity: 173.345cd

Maximum Intensity: 174.2cd

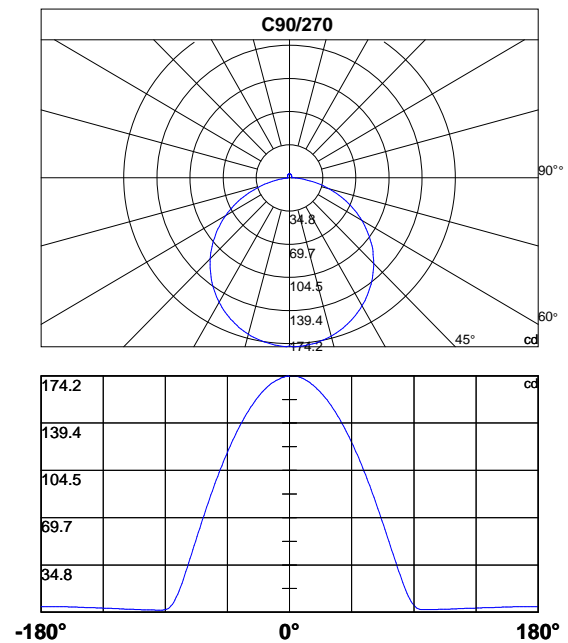
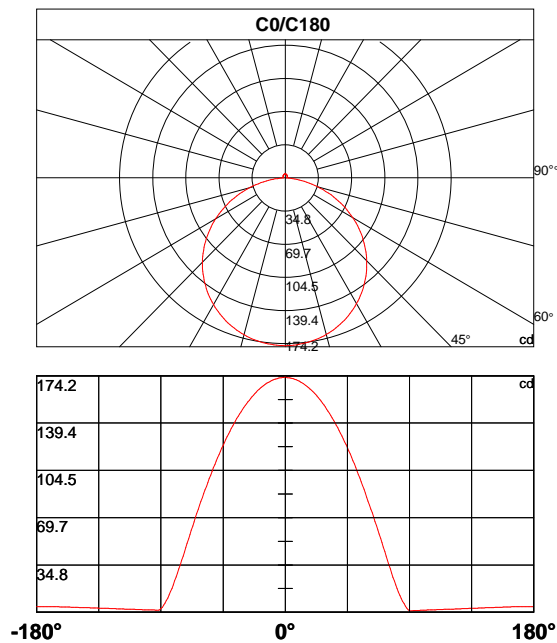
Beam Angle(10%): Left: -81.3 Right:81.6

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	173.3	172.9	172.8	172.6	172.5	172.2	171.9	171.6	171.2	170.8
30.0	173.3	173.1	173.0	172.9	172.7	172.4	172.1	171.8	171.4	171.0
60.0	173.3	172.6	172.5	172.4	172.2	172.0	171.7	171.3	171.0	170.5
90.0	173.3	174.2	174.2	174.1	174.0	173.8	173.6	173.3	172.9	172.5
120.0	173.3	173.8	173.8	173.7	173.6	173.4	173.1	172.8	172.5	172.1
150.0	173.3	173.6	173.6	173.5	173.4	173.2	173.0	172.7	172.4	172.0
180.0	173.3	172.9	172.9	172.8	172.6	172.4	172.1	171.8	171.5	171.0
210.0	173.3	173.1	173.0	172.9	172.8	172.5	172.3	171.9	171.6	171.1
240.0	173.3	172.6	172.5	172.4	172.1	171.9	171.6	171.3	170.9	170.4
270.0	173.3	174.1	173.9	173.6	173.3	173.0	172.6	172.1	171.6	171.1
300.0	173.3	173.8	173.7	173.5	173.3	173.0	172.7	172.3	171.9	171.4
330.0	173.3	173.6	173.4	173.3	173.0	172.8	172.4	172.1	171.6	171.1
360.0	173.3	172.9	172.8	172.6	172.5	172.2	171.9	171.6	171.2	170.8

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	170.3	169.7	169.1	168.5	167.8	167.0	166.2	165.4	164.5	163.6
30.0	170.5	169.9	169.4	168.7	168.0	167.3	166.5	165.6	164.8	163.8
60.0	170.1	169.5	169.0	168.4	167.7	166.9	166.1	165.3	164.4	163.5
90.0	172.0	171.5	170.9	170.2	169.6	168.9	168.1	167.3	166.4	165.5
120.0	171.6	171.1	170.5	170.0	169.4	168.6	167.8	167.0	166.3	165.3
150.0	171.6	171.1	170.5	169.9	169.3	168.7	167.9	167.1	166.3	165.4
180.0	170.5	170.0	169.4	168.9	168.2	167.4	166.6	165.9	165.1	164.1
210.0	170.6	170.1	169.5	168.9	168.2	167.5	166.7	165.9	165.0	164.1
240.0	169.9	169.3	168.8	168.1	167.4	166.5	165.6	164.8	163.9	162.8
270.0	170.6	170.0	169.4	168.8	167.9	167.0	166.0	165.1	164.1	163.1
300.0	170.9	170.3	169.6	168.9	168.2	167.3	166.4	165.5	164.5	163.5
330.0	170.6	170.1	169.4	168.8	168.0	167.2	166.4	165.4	164.5	163.5
360.0	170.3	169.7	169.1	168.5	167.8	167.0	166.2	165.4	164.5	163.6

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	162.5	161.5	160.4	159.3	158.0	156.8	155.5	154.1	152.7	151.2
30.0	162.8	161.7	160.6	159.5	158.3	157.1	155.7	154.4	153.0	151.6
60.0	162.5	161.4	160.4	159.3	158.1	156.8	155.6	154.3	152.9	151.4
90.0	164.6	163.6	162.5	161.4	160.3	159.0	157.8	156.5	155.2	153.8
120.0	164.3	163.4	162.4	161.2	160.0	158.9	157.6	156.2	154.9	153.6
150.0	164.5	163.5	162.4	161.3	160.2	159.0	157.8	156.5	155.2	153.8
180.0	163.1	162.1	161.1	160.0	158.8	157.7	156.3	155.0	153.6	152.3
210.0	163.0	162.0	160.9	159.8	158.6	157.3	156.0	154.7	153.3	151.8
240.0	161.8	160.8	159.6	158.3	157.1	155.9	154.4	153.0	151.6	150.1
270.0	161.9	160.7	159.4	158.2	156.9	155.5	154.1	152.7	151.2	149.6
300.0	162.3	161.2	160.0	158.8	157.4	156.1	154.7	153.3	151.8	150.2
330.0	162.5	161.4	160.2	159.0	157.7	156.4	155.1	153.6	152.2	150.7
360.0	162.5	161.5	160.4	159.3	158.0	156.8	155.5	154.1	152.7	151.2

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	149.7	148.2	146.6	144.9	143.2	141.5	139.6	137.8	135.8	133.9
30.0	150.1	148.5	146.9	145.3	143.6	141.8	140.0	138.2	136.3	134.4
60.0	149.9	148.4	146.9	145.2	143.6	141.9	140.1	138.3	136.4	134.5
90.0	152.3	150.8	149.3	147.7	146.1	144.4	142.7	140.9	139.1	137.2
120.0	152.1	150.6	149.1	147.5	145.9	144.2	142.4	140.6	138.9	137.0
150.0	152.3	150.8	149.3	147.7	146.1	144.4	142.7	140.9	139.1	137.2
180.0	150.8	149.3	147.7	146.1	144.5	142.7	140.9	139.1	137.3	135.4
210.0	150.3	148.8	147.2	145.5	143.8	142.1	140.3	138.4	136.5	134.6
240.0	148.6	146.9	145.3	143.6	141.9	140.0	138.2	136.3	134.4	132.4
270.0	148.0	146.3	144.6	142.9	141.0	139.1	137.3	135.3	133.4	131.3
300.0	148.6	147.0	145.3	143.6	141.8	140.0	138.0	136.0	134.0	132.0
330.0	149.1	147.5	145.8	144.1	142.3	140.5	138.6	136.7	134.8	132.8
360.0	149.7	148.2	146.6	144.9	143.2	141.5	139.6	137.8	135.8	133.9

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	131.9	129.9	127.7	125.6	123.4	121.2	118.9	116.5	114.1	111.7
30.0	132.4	130.4	128.3	126.0	123.8	121.7	119.6	117.1	114.8	112.5
60.0	132.6	130.6	128.5	126.4	124.3	122.2	120.0	117.6	115.4	113.0
90.0	135.3	133.3	131.3	129.3	127.1	125.0	122.9	120.6	118.3	116.1
120.0	135.0	133.1	131.0	129.0	126.9	124.7	122.5	120.3	118.0	115.6
150.0	135.2	133.3	131.3	129.2	127.1	125.1	122.8	120.4	118.2	116.0
180.0	133.4	131.4	129.4	127.3	125.1	122.9	120.7	118.5	116.1	113.7
210.0	132.6	130.6	128.6	126.4	124.2	122.1	119.8	117.4	115.0	112.8
240.0	130.3	128.2	126.1	123.9	121.6	119.3	117.1	114.7	112.3	109.8
270.0	129.1	127.0	124.8	122.4	120.1	117.9	115.5	113.0	110.7	108.0
300.0	130.0	127.8	125.6	123.3	121.1	118.8	116.4	113.9	111.5	109.0
330.0	130.7	128.6	126.4	124.1	121.8	119.6	117.3	114.9	112.5	109.9
360.0	131.9	129.9	127.7	125.6	123.4	121.2	118.9	116.5	114.1	111.7

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	109.2	106.7	104.1	101.5	98.9	96.1	93.3	90.7	87.8	84.9
30.0	110.0	107.6	105.0	102.4	99.8	97.2	94.5	91.7	88.9	86.2
60.0	110.6	108.2	105.7	103.2	100.7	98.1	95.3	92.8	90.0	87.2
90.0	113.9	111.4	108.8	106.3	103.7	101.1	98.5	95.8	93.2	90.4
120.0	113.3	110.8	108.4	105.8	103.2	100.6	97.9	95.2	92.6	90.0
150.0	113.7	111.2	108.6	105.9	103.4	100.8	98.1	95.4	92.7	89.9
180.0	111.3	108.8	106.3	103.7	101.1	98.4	95.6	92.8	90.2	87.4
210.0	110.4	107.8	105.1	102.4	99.8	97.1	94.4	91.6	88.8	85.9
240.0	107.3	104.7	102.2	99.5	96.8	94.0	91.1	88.3	85.6	82.7
270.0	105.4	102.9	100.2	97.5	94.7	92.0	89.1	86.3	83.3	80.4
300.0	106.4	103.8	101.1	98.5	95.8	92.9	90.1	87.3	84.4	81.5
330.0	107.4	104.9	102.2	99.5	96.8	94.1	91.3	88.4	85.5	82.7
360.0	109.2	106.7	104.1	101.5	98.9	96.1	93.3	90.7	87.8	84.9

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	82.0	79.0	76.1	73.1	70.1	66.9	63.8	60.7	57.6	54.3
30.0	83.2	80.4	77.4	74.4	71.5	68.4	65.4	62.2	59.2	56.0
60.0	84.4	81.4	78.5	75.6	72.6	69.3	66.3	63.2	60.1	56.8
90.0	87.6	84.8	82.0	79.1	76.2	73.2	70.2	67.3	64.2	61.2
120.0	87.1	84.3	81.5	78.5	75.6	72.6	69.5	66.3	63.3	60.2
150.0	87.1	84.2	81.3	78.4	75.4	72.4	69.4	66.3	63.2	60.1
180.0	84.5	81.6	78.8	75.7	72.7	69.8	66.6	63.5	60.4	57.3
210.0	83.0	80.1	77.1	74.1	71.1	68.0	64.9	61.8	58.6	55.4
240.0	79.7	76.8	73.9	70.7	67.7	64.7	61.5	58.3	55.2	52.0
270.0	77.4	74.4	71.3	68.2	65.2	62.0	58.9	55.6	52.5	49.2
300.0	78.5	75.4	72.5	69.5	66.3	63.1	60.0	56.8	53.7	50.4
330.0	79.6	76.7	73.5	70.4	67.5	64.3	61.2	58.0	54.8	51.6
360.0	82.0	79.0	76.1	73.1	70.1	66.9	63.8	60.7	57.6	54.3

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	51.1	48.0	44.7	41.4	38.2	35.2	32.1	28.9	25.9	23.0
30.0	52.9	49.6	46.5	43.2	40.0	36.7	33.6	30.4	27.4	24.3
60.0	53.7	50.6	47.5	44.3	41.1	38.2	35.1	32.1	29.2	26.4
90.0	58.2	55.1	52.0	48.8	45.9	42.8	39.7	36.5	33.2	30.3
120.0	57.1	53.7	50.5	47.4	44.3	41.1	38.0	34.9	31.9	29.0
150.0	56.9	53.8	50.8	47.6	44.3	41.0	38.0	34.8	31.7	28.8
180.0	54.2	50.8	47.6	44.5	41.4	38.2	35.1	32.0	28.9	26.0
210.0	52.2	49.0	45.8	42.5	39.3	36.2	33.1	30.0	26.9	24.1
240.0	48.9	45.6	42.3	39.3	36.3	33.0	30.0	26.9	24.0	21.1
270.0	46.0	42.7	39.6	36.3	33.2	30.0	27.0	24.0	21.1	18.2
300.0	47.2	44.0	40.8	37.5	34.4	31.3	28.3	25.2	22.4	19.6
330.0	48.4	45.1	42.0	38.8	35.7	32.4	29.4	26.3	23.3	20.3
360.0	51.1	48.0	44.7	41.4	38.2	35.2	32.1	28.9	25.9	23.0

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	20.2	17.5	14.8	12.4	10.2	8.2	6.3	4.7	3.2	1.8
30.0	21.5	18.8	16.3	13.7	11.5	9.4	7.4	5.9	4.4	3.4
60.0	23.6	20.8	18.1	15.7	13.4	11.2	9.3	7.5	5.9	4.7
90.0	27.5	24.6	21.7	18.8	16.5	14.1	11.9	9.7	7.9	6.4
120.0	26.1	23.3	20.6	18.1	15.6	13.3	11.2	9.2	7.6	6.1
150.0	25.9	23.0	20.0	17.3	14.9	12.6	10.4	8.5	7.0	5.6
180.0	23.1	20.2	17.6	15.1	12.7	10.5	8.5	6.7	5.1	3.6
210.0	21.3	18.4	15.8	13.6	11.3	9.1	7.0	5.4	4.2	3.2
240.0	18.4	15.8	13.4	11.2	9.1	7.2	5.6	4.4	3.5	2.8
270.0	15.6	13.3	11.2	9.0	7.2	5.7	4.4	3.5	2.7	2.2
300.0	17.0	14.5	12.1	9.9	8.1	6.5	5.2	4.1	3.2	2.5
330.0	17.6	15.1	12.8	10.4	8.4	6.8	5.3	4.1	3.2	2.5
360.0	20.2	17.5	14.8	12.4	10.2	8.2	6.3	4.7	3.2	1.8

Photometric Data Table [cd]

C _v γ	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	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4
30.0	2.6	2.0	1.7	1.5	1.4	1.3	1.4	1.4	1.4	1.4
60.0	3.6	2.9	2.3	1.9	1.7	1.6	1.5	1.5	1.5	1.5
90.0	5.2	4.1	3.2	2.6	2.3	2.0	1.9	1.9	1.9	1.9
120.0	4.9	3.9	3.2	2.7	2.3	2.0	1.9	1.9	1.9	1.9
150.0	4.4	3.4	2.7	2.3	2.0	1.8	1.7	1.7	1.7	1.7
180.0	2.6	1.6	1.5	1.5	1.6	1.6	1.6	1.6	1.7	1.7
210.0	2.5	2.0	1.8	1.8	1.7	1.7	1.7	1.7	1.7	1.8
240.0	2.4	2.1	1.9	1.8	1.8	1.8	1.8	1.9	1.9	1.9
270.0	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
300.0	2.1	1.8	1.7	1.6	1.5	1.5	1.5	1.5	1.5	1.5
330.0	2.0	1.8	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4
360.0	1.2	1.1	1.1	1.2	1.2	1.3	1.3	1.3	1.4	1.4

C _v γ	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	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8
30.0	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8
60.0	1.6	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8
90.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1
120.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1
150.0	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1
180.0	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1
210.0	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1
240.0	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1
270.0	1.6	1.7	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9
300.0	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.9
330.0	1.5	1.5	1.5	1.6	1.6	1.7	1.7	1.7	1.8	1.8
360.0	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8

C _v γ	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	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2
30.0	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.2	2.2	2.2
60.0	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2
90.0	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5
120.0	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5
150.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4
180.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4
210.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4
240.0	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5
270.0	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3
300.0	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.3
330.0	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2
360.0	1.9	1.9	1.9	2.0	2.0	2.1	2.1	2.1	2.2	2.2

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

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	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0
30.0	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0
60.0	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0
90.0	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2
120.0	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.2	3.2
150.0	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2	3.2
180.0	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2
210.0	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1
240.0	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2
270.0	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2
300.0	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0
330.0	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0
360.0	2.7	2.7	2.7	2.8	2.8	2.9	2.9	2.9	3.0	3.0

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	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
30.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4
60.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4
90.0	3.3	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.5	3.5
120.0	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5
150.0	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5
180.0	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5
210.0	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5	3.5
240.0	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5
270.0	3.2	3.2	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5
300.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4
330.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4
360.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4

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	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.8
30.0	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.8	3.8
60.0	3.5	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.8	3.8
90.0	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.9
120.0	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8	3.8
150.0	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.8
180.0	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8
210.0	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.7	3.8	3.8
240.0	3.6	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.8
270.0	3.6	3.6	3.7	3.7	3.7	3.8	3.8	3.8	3.9	3.9
300.0	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	3.8
330.0	3.4	3.5	3.5	3.5	3.6	3.6	3.7	3.7	3.7	3.8
360.0	3.5	3.5	3.5	3.6	3.6	3.6	3.7	3.7	3.7	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	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1
30.0	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0
60.0	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0
90.0	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0	4.1	4.1
120.0	3.8	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	3.9	4.0	4.0	4.0	4.0	4.0	4.0
180.0	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.0
210.0	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0
240.0	3.8	3.9	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0
270.0	3.9	3.9	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1
300.0	3.8	3.8	3.9	3.9	3.9	3.9	4.0	4.0	4.0	4.0
330.0	3.8	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0
360.0	3.8	3.8	3.9	3.9	3.9	4.0	4.0	4.0	4.0	4.1

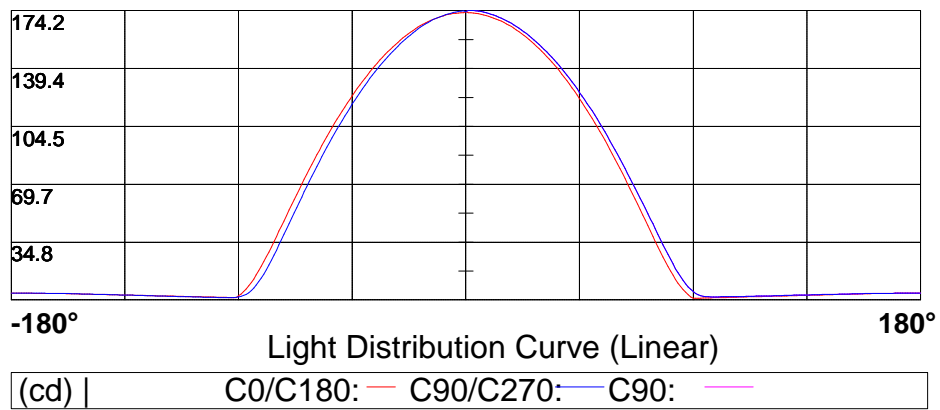
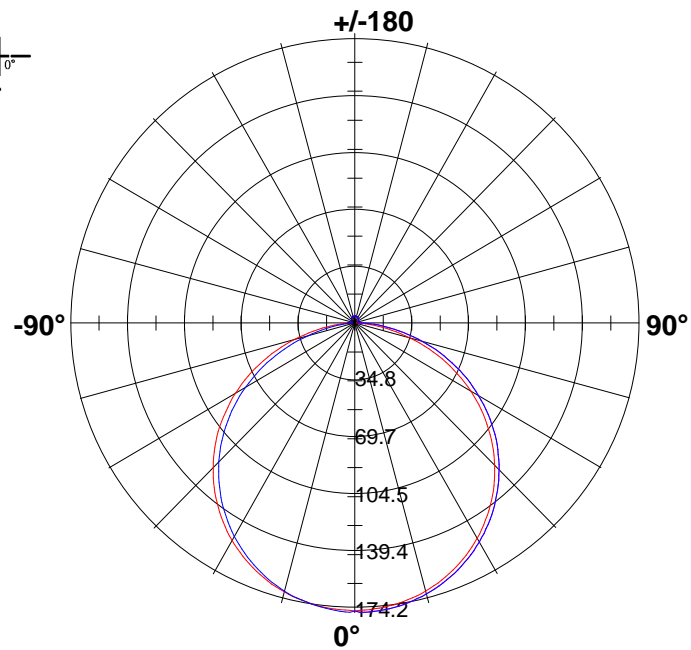
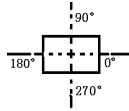
Cly	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2
30.0	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2
60.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2
90.0	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2
120.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2
150.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2
180.0	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2
210.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2
240.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.2
270.0	4.1	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2	4.2
300.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2
330.0	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2
360.0	4.1	4.1	4.1	4.1	4.2	4.2	4.2	4.2	4.2	4.2

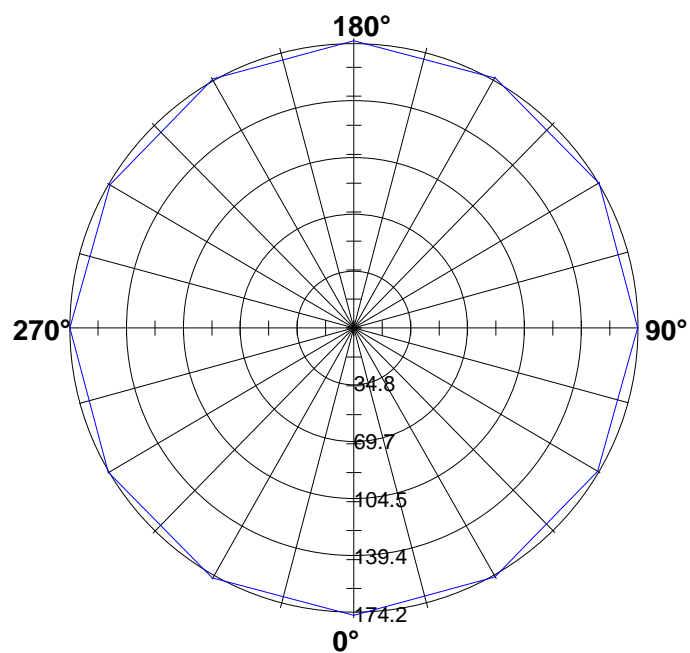
Photometric Data Table [cd]

C\γ	180.0
0.0	4.2
30.0	4.2
60.0	4.2
90.0	4.2
120.0	4.2
150.0	4.2
180.0	4.2
210.0	4.2
240.0	4.2
270.0	4.2
300.0	4.2
330.0	4.2
360.0	4.2

Light Distribution Curve [Unit: cd]

Luminaire



Max Plane Light Distribution Curve [Unit: cd]

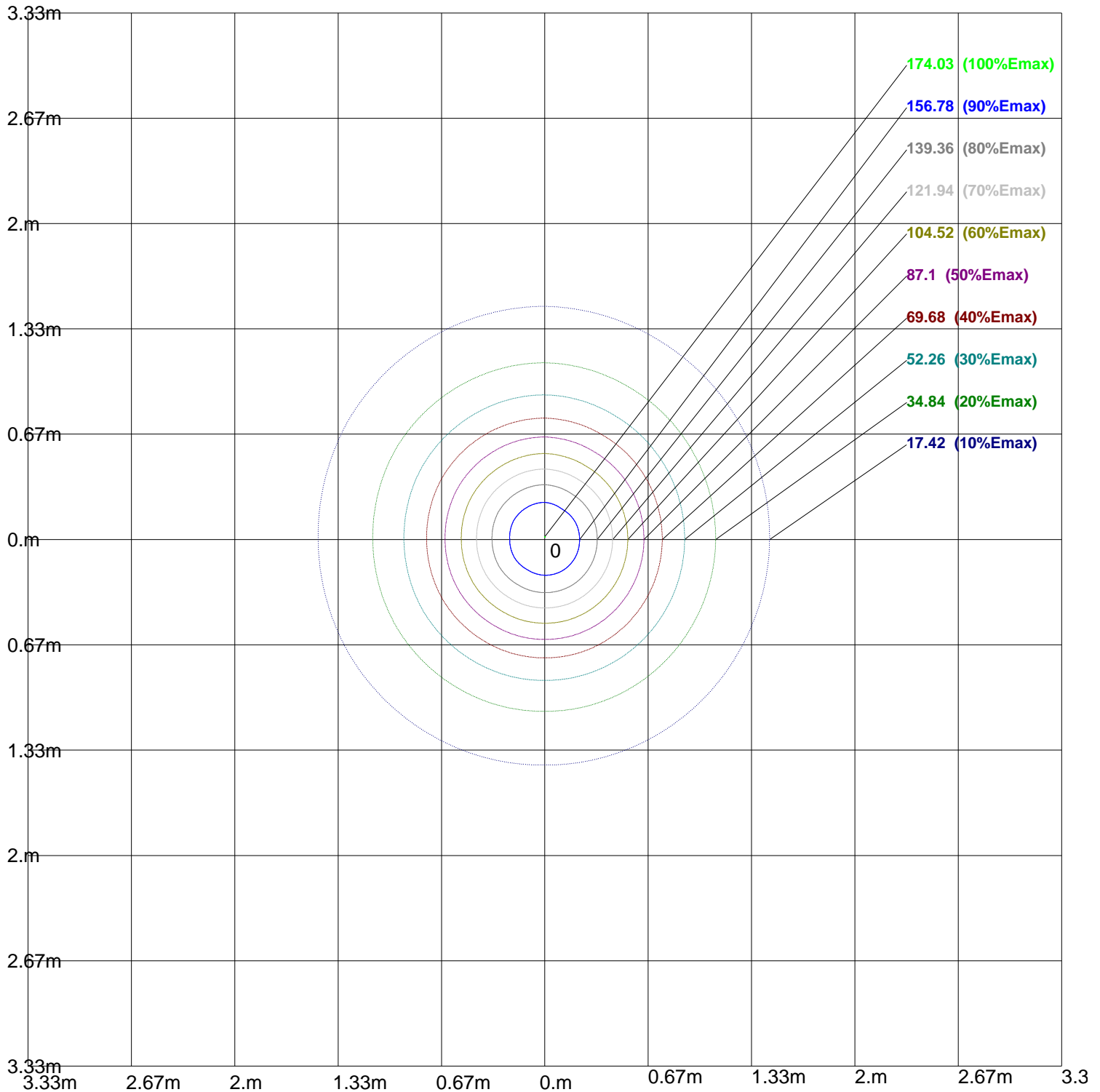
174.2							
139.4							
104.5							
69.7							
34.8							

-180°**Light Distribution Curve (Linear)****180°**

(cd) |

γ2: —

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 174.2lx

Luminance Limiting Curve

Diameter: 0mm

Length: 1000mm

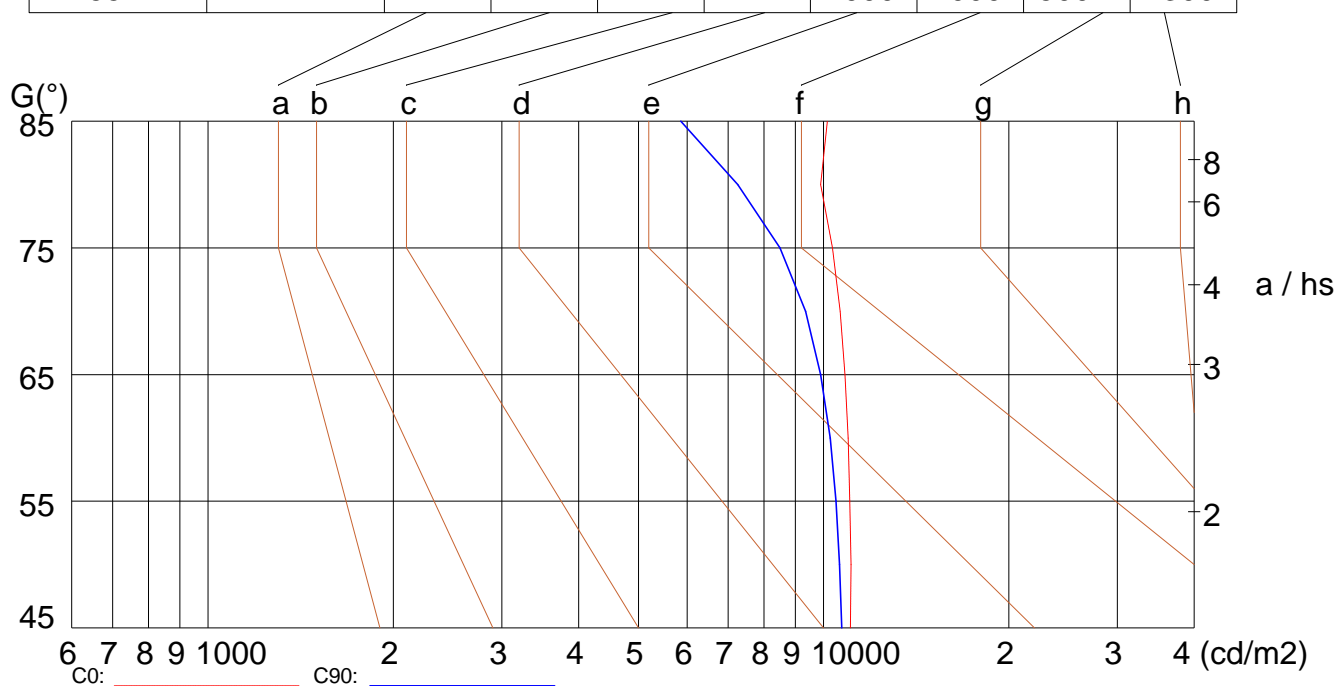
Width: 16mm

Height: 15mm

(cd/m²)

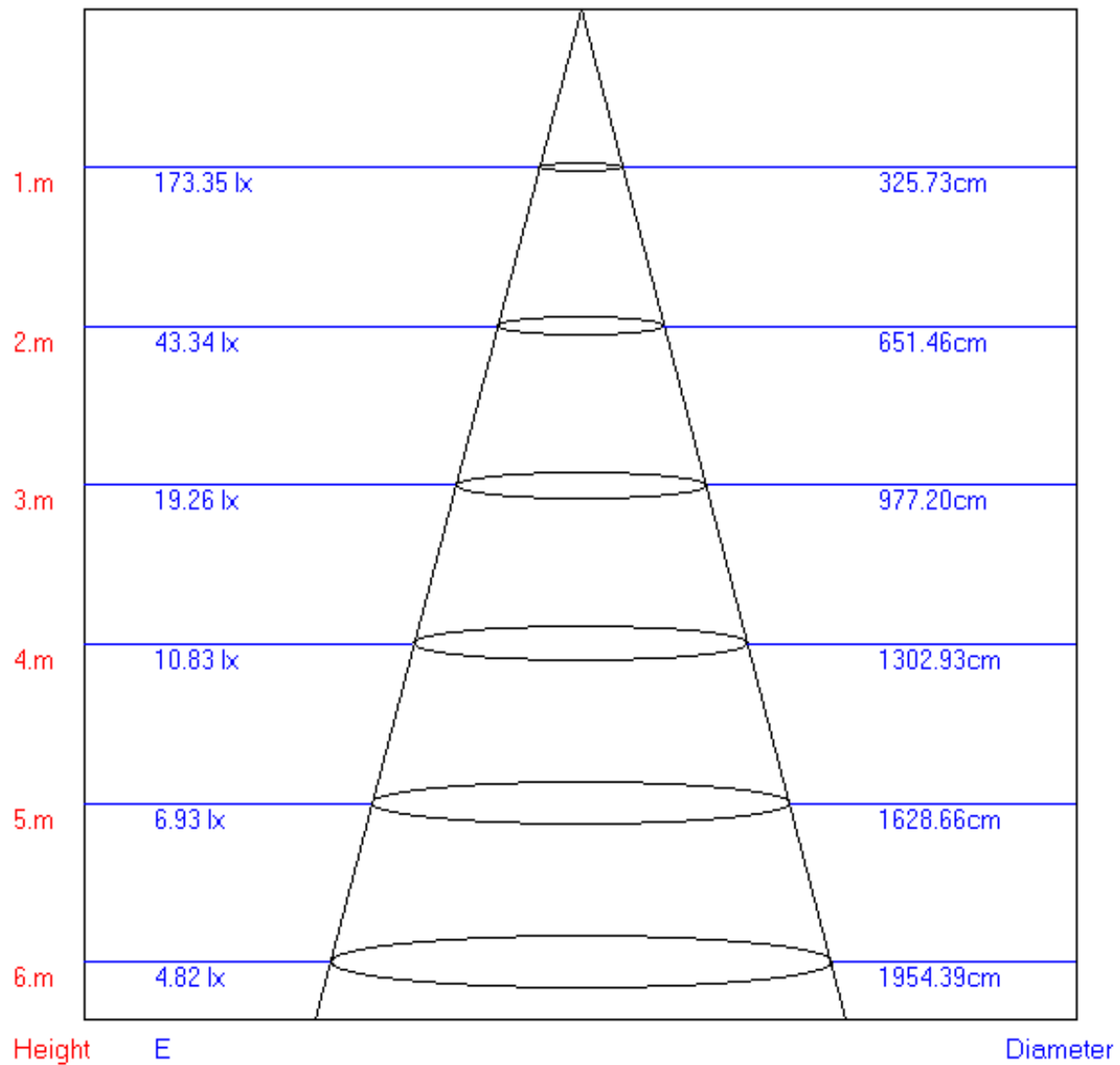
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	11049	11075	11021	10954	10828	10634	10340	9891	10140
C90	10709	10618	10475	10250	9889	9345	8498	7256	5859

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

