

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] NP-T1615-TW-10-CV

Sum Lumens: 533.12 lm

Number of Lamps: 1

Diameter: 0mm

Length: 1000mm

Photometric Type: Type C

Voltage: 24.0 V

Current: 0.4283 A

Power: 10.28 W

Power Factor: 1.000

Ballast Type:

Width: 16mm

Height: 15mm

Remark:

Photometric Results

Lumens: 533.12 lm

Efficiency: 100%

Central Intensity: 171.686cd

Maximum Intensity: 172.53cd

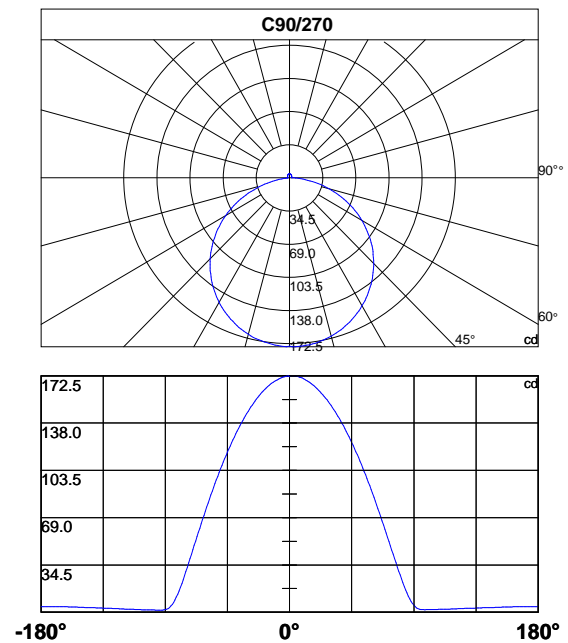
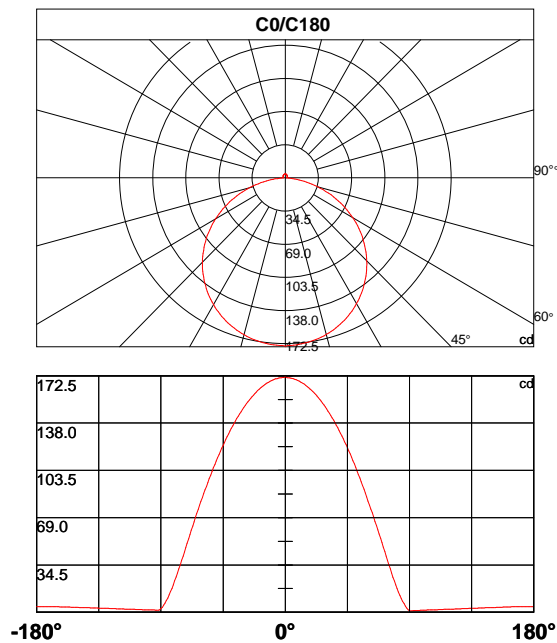
Beam Angle(10%): Left: -81.3 Right:81.6

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	171.7	171.2	171.1	171.0	170.8	170.6	170.3	169.9	169.6	169.1
30.0	171.7	171.4	171.3	171.2	171.0	170.8	170.5	170.2	169.8	169.3
60.0	171.7	170.9	170.8	170.7	170.5	170.3	170.0	169.7	169.3	168.9
90.0	171.7	172.5	172.5	172.4	172.3	172.1	171.9	171.6	171.3	170.9
120.0	171.7	172.2	172.1	172.1	171.9	171.7	171.5	171.2	170.9	170.4
150.0	171.7	172.0	171.9	171.9	171.7	171.6	171.4	171.1	170.7	170.4
180.0	171.7	171.3	171.2	171.1	170.9	170.7	170.5	170.2	169.8	169.4
210.0	171.7	171.4	171.4	171.3	171.1	170.9	170.6	170.3	169.9	169.5
240.0	171.7	170.9	170.8	170.7	170.5	170.3	170.0	169.7	169.3	168.8
270.0	171.7	172.4	172.2	172.0	171.6	171.4	170.9	170.5	170.0	169.4
300.0	171.7	172.1	172.0	171.9	171.6	171.4	171.1	170.7	170.3	169.8
330.0	171.7	171.9	171.8	171.6	171.4	171.1	170.8	170.4	170.0	169.5
360.0	171.7	171.2	171.1	171.0	170.8	170.6	170.3	169.9	169.6	169.1

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	168.6	168.1	167.5	166.9	166.2	165.4	164.6	163.8	162.9	162.0
30.0	168.9	168.3	167.7	167.1	166.4	165.7	164.9	164.0	163.2	162.2
60.0	168.4	167.9	167.4	166.7	166.1	165.3	164.5	163.7	162.9	161.9
90.0	170.4	169.8	169.2	168.6	168.0	167.3	166.5	165.7	164.8	163.9
120.0	169.9	169.4	168.9	168.4	167.7	167.0	166.2	165.4	164.7	163.7
150.0	169.9	169.4	168.9	168.3	167.7	167.1	166.3	165.5	164.7	163.8
180.0	168.9	168.3	167.8	167.3	166.6	165.8	165.1	164.3	163.5	162.6
210.0	169.0	168.5	167.9	167.3	166.6	165.9	165.1	164.3	163.4	162.5
240.0	168.3	167.7	167.1	166.5	165.8	164.9	164.1	163.2	162.3	161.3
270.0	168.9	168.3	167.7	167.1	166.3	165.4	164.4	163.5	162.5	161.5
300.0	169.2	168.6	168.0	167.3	166.6	165.7	164.8	163.9	163.0	161.9
330.0	169.0	168.4	167.8	167.1	166.4	165.6	164.8	163.9	163.0	162.0
360.0	168.6	168.1	167.5	166.9	166.2	165.4	164.6	163.8	162.9	162.0

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	161.0	159.9	158.9	157.7	156.5	155.2	154.0	152.6	151.3	149.8
30.0	161.3	160.2	159.1	158.0	156.8	155.5	154.2	152.9	151.5	150.1
60.0	160.9	159.9	158.9	157.8	156.6	155.3	154.1	152.8	151.4	149.9
90.0	163.0	162.0	160.9	159.9	158.7	157.5	156.3	155.0	153.7	152.3
120.0	162.7	161.8	160.8	159.6	158.5	157.4	156.1	154.8	153.4	152.1
150.0	162.9	161.9	160.9	159.8	158.7	157.5	156.3	155.0	153.7	152.3
180.0	161.6	160.6	159.6	158.4	157.3	156.2	154.8	153.5	152.2	150.9
210.0	161.5	160.4	159.4	158.2	157.0	155.8	154.5	153.2	151.8	150.4
240.0	160.2	159.2	158.0	156.8	155.6	154.4	152.9	151.5	150.1	148.7
270.0	160.4	159.1	157.9	156.7	155.4	154.1	152.6	151.2	149.7	148.2
300.0	160.8	159.6	158.5	157.3	155.9	154.6	153.2	151.8	150.3	148.8
330.0	160.9	159.8	158.7	157.5	156.2	154.9	153.6	152.2	150.7	149.3
360.0	161.0	159.9	158.9	157.7	156.5	155.2	154.0	152.6	151.3	149.8

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	148.3	146.8	145.1	143.5	141.8	140.1	138.3	136.4	134.5	132.6
30.0	148.6	147.1	145.5	143.9	142.2	140.4	138.7	136.9	135.0	133.1
60.0	148.5	147.0	145.4	143.8	142.2	140.6	138.8	136.9	135.1	133.2
90.0	150.9	149.4	147.9	146.3	144.7	143.0	141.3	139.5	137.7	135.9
120.0	150.7	149.2	147.7	146.1	144.5	142.8	141.1	139.3	137.5	135.6
150.0	150.9	149.4	147.9	146.3	144.7	143.0	141.4	139.5	137.7	135.9
180.0	149.4	147.9	146.3	144.7	143.1	141.4	139.6	137.8	136.0	134.1
210.0	148.9	147.3	145.8	144.1	142.4	140.7	139.0	137.1	135.2	133.3
240.0	147.1	145.5	143.9	142.2	140.5	138.7	136.9	134.9	133.1	131.1
270.0	146.6	144.9	143.2	141.5	139.7	137.8	136.0	134.0	132.1	130.0
300.0	147.2	145.6	143.9	142.2	140.4	138.6	136.7	134.7	132.8	130.7
330.0	147.6	146.1	144.4	142.7	140.9	139.1	137.3	135.4	133.5	131.5
360.0	148.3	146.8	145.1	143.5	141.8	140.1	138.3	136.4	134.5	132.6

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	130.7	128.6	126.5	124.4	122.2	120.0	117.7	115.3	113.0	110.6
30.0	131.1	129.1	127.1	124.8	122.6	120.6	118.4	116.0	113.7	111.4
60.0	131.3	129.4	127.3	125.2	123.1	121.0	118.8	116.5	114.3	111.9
90.0	134.0	132.0	130.0	128.0	125.9	123.8	121.7	119.4	117.1	115.0
120.0	133.7	131.8	129.8	127.8	125.6	123.5	121.3	119.1	116.9	114.5
150.0	133.9	132.0	130.0	127.9	125.9	123.8	121.7	119.3	117.1	114.9
180.0	132.1	130.2	128.1	126.1	123.9	121.7	119.6	117.3	115.0	112.6
210.0	131.3	129.3	127.3	125.2	123.0	120.9	118.7	116.3	113.9	111.7
240.0	129.0	127.0	124.9	122.7	120.5	118.2	115.9	113.6	111.2	108.7
270.0	127.9	125.8	123.6	121.2	118.9	116.8	114.4	111.9	109.6	106.9
300.0	128.7	126.6	124.4	122.2	119.9	117.7	115.3	112.8	110.4	107.9
330.0	129.4	127.3	125.2	122.9	120.6	118.5	116.2	113.8	111.4	108.8
360.0	130.7	128.6	126.5	124.4	122.2	120.0	117.7	115.3	113.0	110.6

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	108.2	105.6	103.1	100.5	97.9	95.2	92.5	89.8	86.9	84.1
30.0	108.9	106.5	104.0	101.4	98.9	96.3	93.6	90.9	88.1	85.3
60.0	109.6	107.1	104.7	102.2	99.7	97.1	94.4	91.9	89.2	86.4
90.0	112.8	110.4	107.8	105.2	102.7	100.2	97.6	94.9	92.3	89.5
120.0	112.2	109.8	107.4	104.8	102.2	99.7	97.0	94.3	91.7	89.1
150.0	112.6	110.2	107.5	104.9	102.4	99.8	97.2	94.4	91.8	89.0
180.0	110.2	107.8	105.3	102.7	100.1	97.5	94.7	91.9	89.3	86.6
210.0	109.3	106.8	104.1	101.5	98.8	96.2	93.5	90.7	87.9	85.1
240.0	106.3	103.7	101.2	98.5	95.8	93.1	90.3	87.5	84.8	81.9
270.0	104.4	101.9	99.2	96.6	93.8	91.1	88.3	85.4	82.5	79.7
300.0	105.4	102.8	100.2	97.6	94.8	92.1	89.3	86.5	83.6	80.7
330.0	106.3	103.8	101.2	98.6	95.8	93.2	90.4	87.6	84.7	81.9
360.0	108.2	105.6	103.1	100.5	97.9	95.2	92.5	89.8	86.9	84.1

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	81.2	78.2	75.3	72.4	69.4	66.2	63.2	60.2	57.0	53.8
30.0	82.4	79.7	76.6	73.7	70.8	67.8	64.8	61.7	58.7	55.5
60.0	83.6	80.6	77.8	74.9	71.9	68.7	65.6	62.6	59.5	56.3
90.0	86.8	84.0	81.2	78.3	75.5	72.5	69.6	66.6	63.6	60.6
120.0	86.2	83.4	80.7	77.7	74.8	71.9	68.9	65.7	62.7	59.6
150.0	86.2	83.4	80.5	77.6	74.7	71.7	68.7	65.6	62.6	59.5
180.0	83.7	80.8	78.0	75.0	72.0	69.1	66.0	62.8	59.8	56.7
210.0	82.2	79.3	76.4	73.4	70.4	67.4	64.3	61.2	58.1	54.9
240.0	78.9	76.1	73.2	70.1	67.1	64.1	61.0	57.8	54.7	51.5
270.0	76.6	73.7	70.6	67.5	64.6	61.4	58.3	55.1	52.0	48.8
300.0	77.7	74.7	71.8	68.8	65.7	62.5	59.4	56.3	53.2	49.9
330.0	78.9	76.0	72.8	69.8	66.9	63.7	60.6	57.4	54.3	51.1
360.0	81.2	78.2	75.3	72.4	69.4	66.2	63.2	60.2	57.0	53.8

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	50.7	47.5	44.3	41.0	37.9	34.8	31.8	28.6	25.6	22.8
30.0	52.4	49.1	46.0	42.8	39.6	36.3	33.3	30.1	27.1	24.0
60.0	53.2	50.1	47.1	43.9	40.7	37.8	34.8	31.8	28.9	26.1
90.0	57.6	54.6	51.5	48.3	45.5	42.4	39.3	36.2	32.9	30.0
120.0	56.5	53.2	50.0	47.0	43.9	40.7	37.6	34.6	31.6	28.7
150.0	56.3	53.3	50.3	47.1	43.9	40.7	37.6	34.5	31.4	28.5
180.0	53.6	50.3	47.1	44.1	41.0	37.8	34.7	31.6	28.6	25.8
210.0	51.7	48.6	45.3	42.1	38.9	35.8	32.8	29.7	26.7	23.9
240.0	48.5	45.1	41.9	38.9	35.9	32.7	29.7	26.7	23.7	21.0
270.0	45.6	42.3	39.2	36.0	32.8	29.7	26.7	23.7	20.9	18.1
300.0	46.8	43.6	40.4	37.2	34.1	31.0	28.0	24.9	22.1	19.4
330.0	48.0	44.7	41.6	38.4	35.3	32.1	29.1	26.0	23.1	20.1
360.0	50.7	47.5	44.3	41.0	37.9	34.8	31.8	28.6	25.6	22.8

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	20.0	17.3	14.7	12.3	10.1	8.1	6.3	4.6	3.2	1.8
30.0	21.3	18.6	16.1	13.6	11.4	9.3	7.4	5.8	4.4	3.3
60.0	23.3	20.6	18.0	15.5	13.2	11.1	9.2	7.4	5.9	4.6
90.0	27.2	24.4	21.5	18.7	16.3	14.0	11.8	9.6	7.8	6.4
120.0	25.8	23.1	20.4	17.9	15.4	13.2	11.1	9.1	7.5	6.0
150.0	25.7	22.8	19.8	17.1	14.8	12.5	10.3	8.5	6.9	5.5
180.0	22.9	20.0	17.4	15.0	12.6	10.4	8.4	6.7	5.1	3.6
210.0	21.0	18.2	15.7	13.4	11.1	9.1	7.0	5.3	4.2	3.2
240.0	18.2	15.6	13.3	11.1	9.1	7.2	5.6	4.4	3.5	2.8
270.0	15.4	13.2	11.1	8.9	7.2	5.7	4.4	3.5	2.7	2.2
300.0	16.8	14.3	11.9	9.9	8.1	6.5	5.2	4.0	3.2	2.5
330.0	17.4	14.9	12.7	10.3	8.4	6.7	5.2	4.1	3.1	2.5
360.0	20.0	17.3	14.7	12.3	10.1	8.1	6.3	4.6	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	1.1	1.1	1.1	1.2	1.2	1.2	1.3	1.3	1.4	1.4
30.0	2.6	2.0	1.7	1.5	1.4	1.3	1.3	1.4	1.4	1.4
60.0	3.6	2.8	2.3	1.9	1.7	1.5	1.5	1.5	1.5	1.5
90.0	5.1	4.0	3.2	2.6	2.2	2.0	1.9	1.9	1.8	1.9
120.0	4.8	3.9	3.2	2.7	2.3	2.0	1.9	1.8	1.8	1.8
150.0	4.3	3.4	2.7	2.2	2.0	1.8	1.7	1.7	1.7	1.7
180.0	2.5	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7
210.0	2.4	2.0	1.8	1.7	1.7	1.7	1.7	1.7	1.7	1.7
240.0	2.3	2.0	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9
270.0	1.9	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.6	1.6
300.0	2.0	1.8	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5
330.0	2.0	1.7	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4
360.0	1.1	1.1	1.1	1.2	1.2	1.2	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	1.4	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	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8
90.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1
120.0	1.9	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.1
150.0	1.8	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0
180.0	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0
210.0	1.8	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0
240.0	1.9	1.9	1.9	1.9	2.0	2.0	2.0	2.0	2.0	2.1
270.0	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9	1.9
300.0	1.5	1.6	1.6	1.6	1.6	1.7	1.7	1.8	1.8	1.8
330.0	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.8	1.8
360.0	1.4	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	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2
30.0	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2
60.0	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2
90.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.4
120.0	2.1	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.4
150.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	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	2.1	2.2	2.2	2.3	2.3	2.3	2.4	2.4
240.0	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4	2.5
270.0	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3
300.0	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2
330.0	1.8	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2
360.0	1.8	1.9	1.9	2.0	2.0	2.0	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	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	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	2.3	2.4	2.4	2.5	2.5	2.5	2.6	2.6
90.0	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8
120.0	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	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	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
210.0	2.4	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.8
240.0	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.8	2.8	2.8
270.0	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.8
300.0	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.6	2.6	2.6
330.0	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6
360.0	2.2	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	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	2.6	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0
30.0	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0
60.0	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0
90.0	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2	3.2
120.0	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2
150.0	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.2
180.0	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1
210.0	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1
240.0	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2
270.0	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1	3.1
300.0	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0
330.0	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9	3.0
360.0	2.6	2.7	2.7	2.8	2.8	2.8	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	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4
30.0	3.0	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
60.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
90.0	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.5	3.5	3.5
120.0	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5
150.0	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5
180.0	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5
210.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.5
240.0	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5
270.0	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5
300.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4	3.4
330.0	3.0	3.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3
360.0	3.0	3.1	3.1	3.1	3.2	3.2	3.3	3.3	3.3	3.4

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

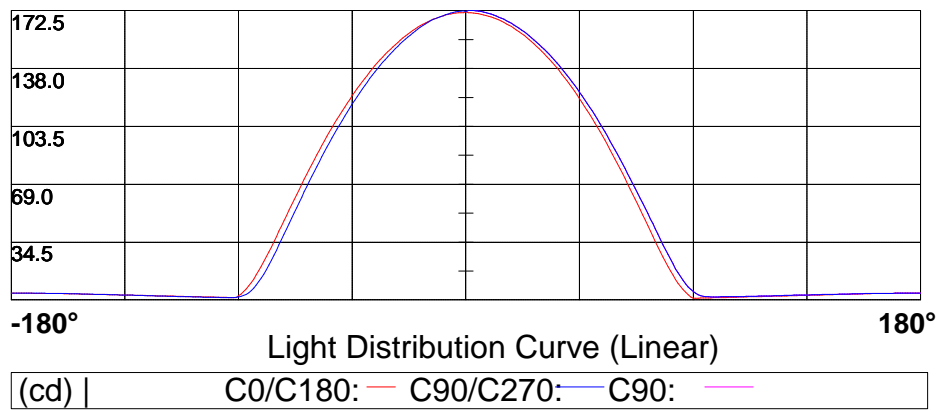
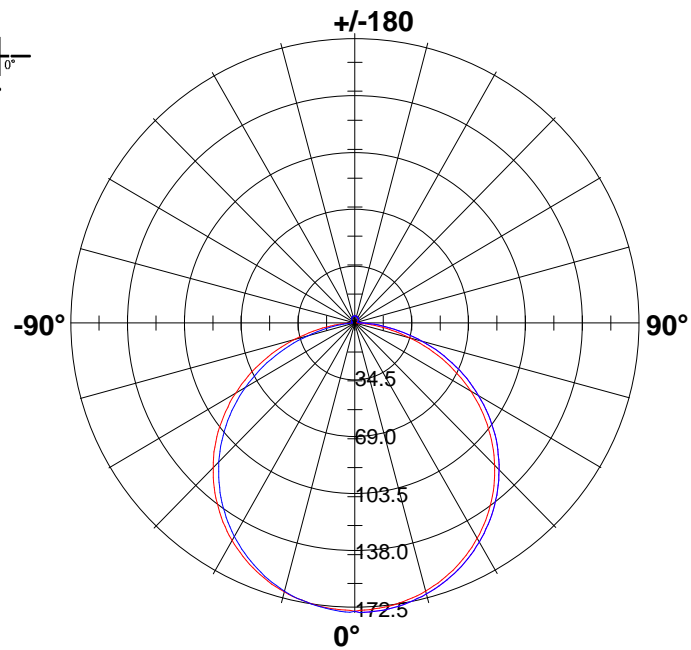
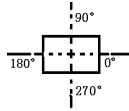
C\γ	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.2	4.2	4.2
30.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
60.0	4.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1
90.0	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.1	4.2
120.0	4.0	4.0	4.0	4.0	4.0	4.1	4.1	4.1	4.1	4.1
150.0	4.0	4.0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

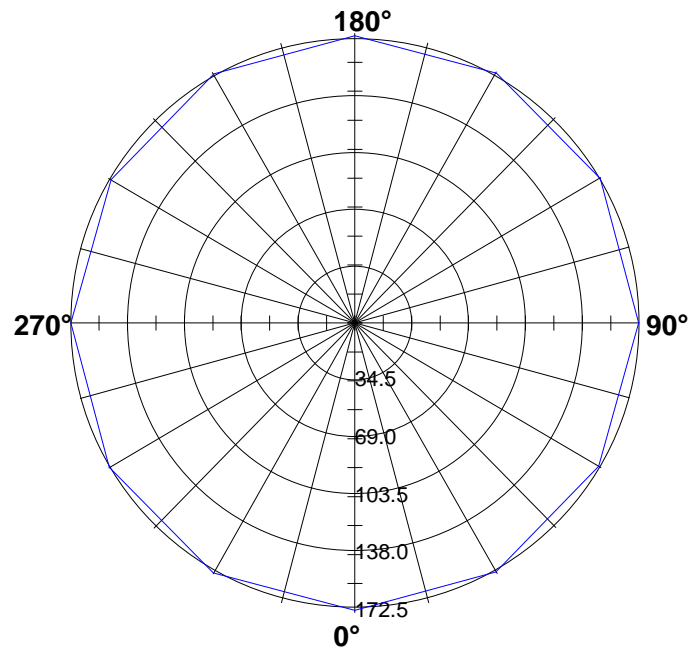
Photometric Data Table [cd]

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]

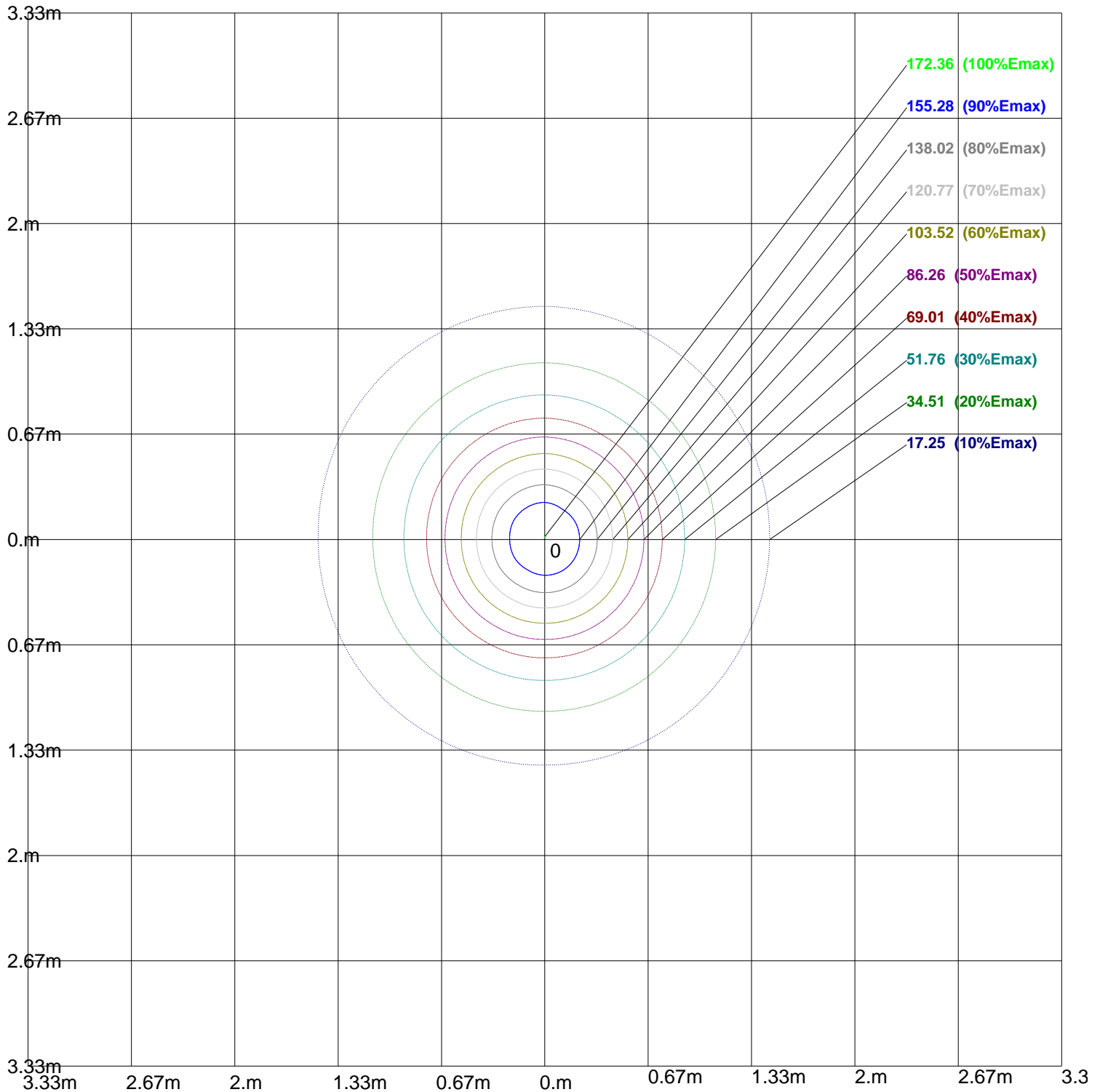
Luminaire



Max Plane Light Distribution Curve [Unit: cd]

172.5							
138.0							
103.5							
69.0							
34.5							
-180°	Light Distribution Curve (Linear)						180°
(cd)	γ2: —						

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 172.53lx

Luminance Limiting Curve

Diameter: 0mm

Length: 1000mm

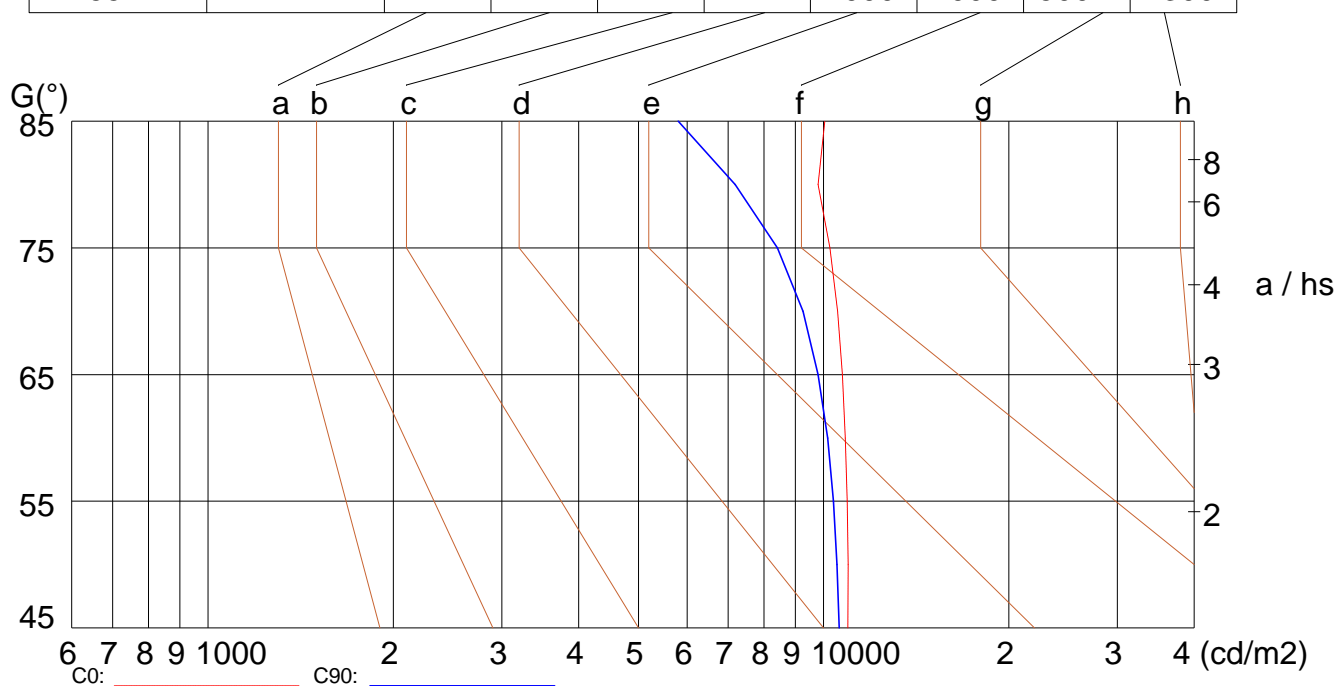
Width: 16mm

Height: 15mm

(cd/m²)

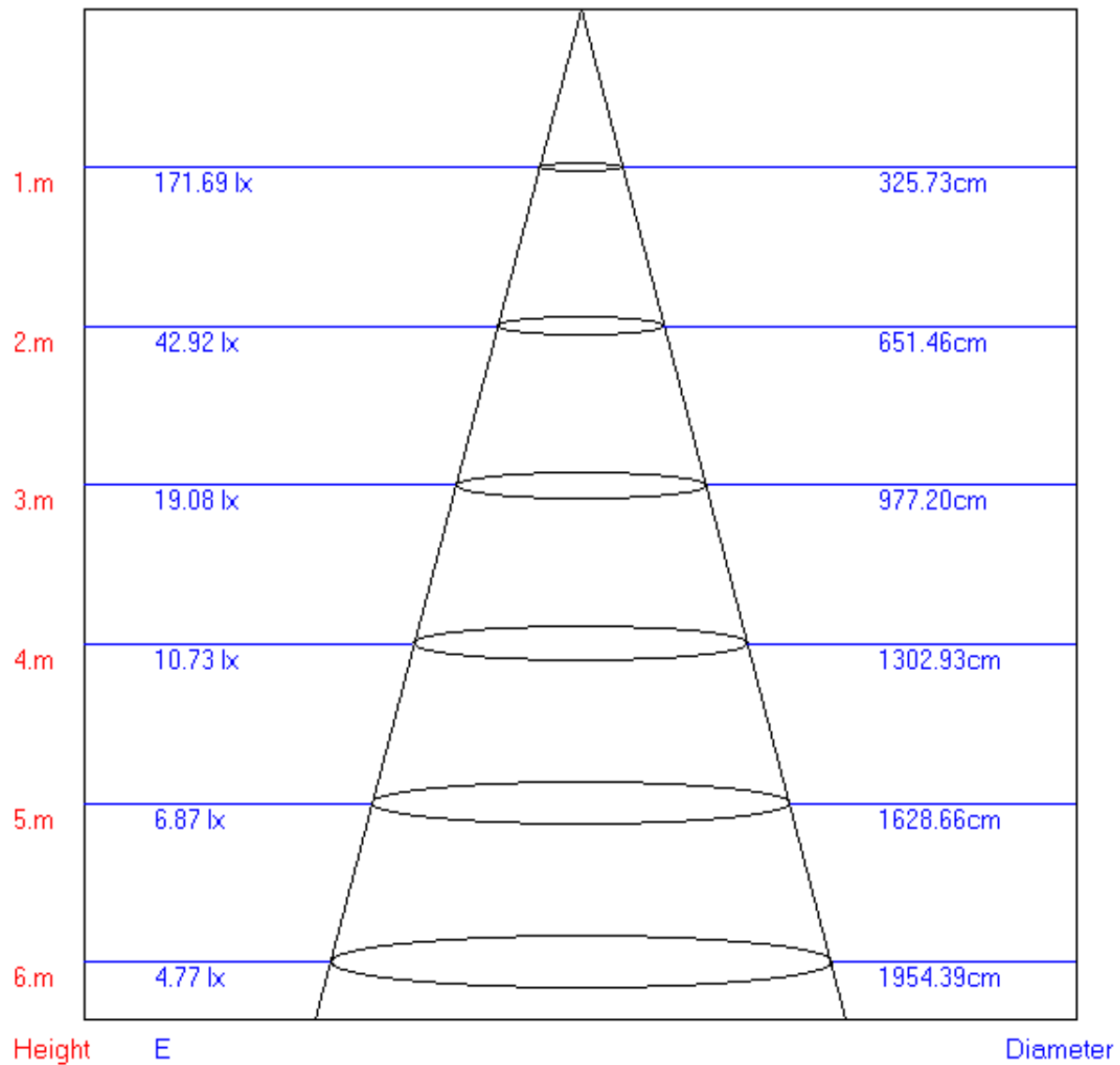
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	10942	10969	10915	10849	10725	10533	10241	9797	10047
C90	10607	10516	10375	10153	9793	9256	8416	7188	5801

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:116.40°

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

