

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] NP-S1220-W30-10-CC

Sum Lumens: 488.32 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: 488.32 lm

Efficiency: 100%

Central Intensity: 157.258cd

Maximum Intensity: 158.04cd

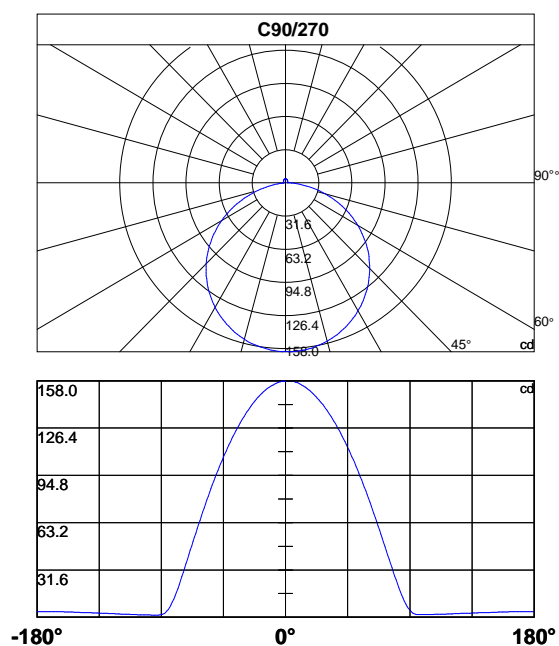
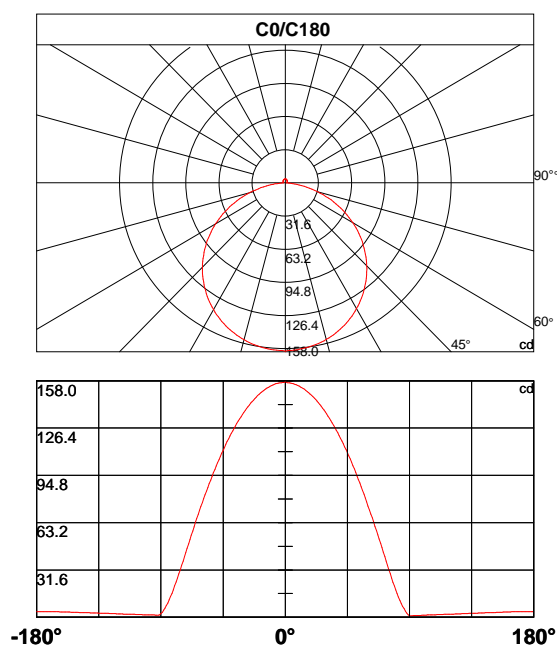
Beam Angle(10%): Left: -81.3 Right:81.6

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	157.3	156.9	156.8	156.6	156.5	156.2	156.0	155.6	155.3	154.9
30.0	157.3	157.0	156.9	156.8	156.6	156.4	156.2	155.9	155.5	155.1
60.0	157.3	156.6	156.5	156.4	156.2	156.0	155.7	155.4	155.1	154.7
90.0	157.3	158.0	158.0	158.0	157.8	157.7	157.5	157.2	156.9	156.5
120.0	157.3	157.7	157.7	157.6	157.4	157.3	157.1	156.8	156.5	156.1
150.0	157.3	157.5	157.5	157.4	157.3	157.1	156.9	156.7	156.4	156.0
180.0	157.3	156.9	156.8	156.7	156.6	156.4	156.1	155.9	155.6	155.1
210.0	157.3	157.0	157.0	156.9	156.7	156.5	156.3	156.0	155.6	155.2
240.0	157.3	156.6	156.5	156.4	156.2	156.0	155.7	155.4	155.1	154.6
270.0	157.3	157.9	157.8	157.5	157.2	156.9	156.6	156.2	155.7	155.2
300.0	157.3	157.6	157.6	157.4	157.2	157.0	156.7	156.3	155.9	155.5
330.0	157.3	157.4	157.3	157.2	157.0	156.7	156.4	156.1	155.7	155.3
360.0	157.3	156.9	156.8	156.6	156.5	156.2	156.0	155.6	155.3	154.9

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	154.4	153.9	153.4	152.8	152.2	151.5	150.8	150.0	149.3	148.4
30.0	154.7	154.2	153.6	153.1	152.4	151.8	151.1	150.3	149.5	148.6
60.0	154.3	153.8	153.3	152.7	152.1	151.4	150.7	149.9	149.2	148.3
90.0	156.0	155.6	155.0	154.4	153.9	153.2	152.5	151.8	151.0	150.1
120.0	155.6	155.2	154.7	154.2	153.6	153.0	152.3	151.5	150.8	150.0
150.0	155.6	155.2	154.7	154.2	153.6	153.0	152.3	151.6	150.9	150.1
180.0	154.7	154.2	153.7	153.2	152.6	151.9	151.2	150.5	149.8	148.9
210.0	154.8	154.3	153.8	153.2	152.6	151.9	151.2	150.5	149.7	148.8
240.0	154.1	153.6	153.1	152.5	151.8	151.0	150.3	149.5	148.7	147.7
270.0	154.7	154.2	153.6	153.1	152.3	151.5	150.6	149.8	148.9	147.9
300.0	155.0	154.5	153.9	153.2	152.6	151.8	151.0	150.1	149.3	148.3
330.0	154.8	154.3	153.7	153.1	152.4	151.7	150.9	150.1	149.3	148.4
360.0	154.4	153.9	153.4	152.8	152.2	151.5	150.8	150.0	149.3	148.4

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	147.4	146.5	145.5	144.5	143.4	142.2	141.0	139.8	138.5	137.2
30.0	147.7	146.7	145.7	144.7	143.6	142.5	141.3	140.1	138.8	137.5
60.0	147.4	146.5	145.5	144.5	143.4	142.3	141.1	139.9	138.7	137.4
90.0	149.3	148.4	147.4	146.4	145.4	144.3	143.2	142.0	140.8	139.5
120.0	149.1	148.2	147.3	146.2	145.2	144.2	142.9	141.7	140.6	139.3
150.0	149.2	148.3	147.4	146.4	145.3	144.2	143.1	142.0	140.8	139.5
180.0	148.0	147.1	146.2	145.1	144.1	143.0	141.8	140.6	139.4	138.2
210.0	147.9	147.0	146.0	144.9	143.8	142.7	141.5	140.3	139.1	137.7
240.0	146.8	145.8	144.8	143.6	142.5	141.4	140.1	138.8	137.5	136.2
270.0	146.9	145.8	144.7	143.5	142.3	141.1	139.8	138.5	137.1	135.7
300.0	147.3	146.2	145.2	144.1	142.8	141.6	140.4	139.0	137.7	136.3
330.0	147.4	146.4	145.3	144.3	143.1	141.9	140.7	139.4	138.1	136.7
360.0	147.4	146.5	145.5	144.5	143.4	142.2	141.0	139.8	138.5	137.2

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	135.8	134.4	133.0	131.4	129.9	128.3	126.7	125.0	123.2	121.5
30.0	136.1	134.7	133.3	131.8	130.2	128.6	127.0	125.4	123.7	121.9
60.0	136.0	134.7	133.2	131.8	130.3	128.7	127.1	125.4	123.8	122.0
90.0	138.2	136.8	135.5	134.0	132.5	131.0	129.4	127.8	126.2	124.4
120.0	138.0	136.7	135.3	133.8	132.4	130.8	129.2	127.6	126.0	124.2
150.0	138.2	136.8	135.5	134.0	132.5	131.0	129.5	127.8	126.2	124.4
180.0	136.8	135.4	134.0	132.6	131.1	129.5	127.9	126.2	124.6	122.8
210.0	136.4	135.0	133.6	132.0	130.5	128.9	127.3	125.6	123.9	122.1
240.0	134.8	133.3	131.8	130.3	128.7	127.0	125.3	123.6	121.9	120.1
270.0	134.2	132.7	131.2	129.6	127.9	126.2	124.5	122.8	121.0	119.1
300.0	134.9	133.4	131.8	130.3	128.6	127.0	125.2	123.4	121.6	119.8
330.0	135.3	133.8	132.3	130.8	129.1	127.4	125.8	124.0	122.3	120.4
360.0	135.8	134.4	133.0	131.4	129.9	128.3	126.7	125.0	123.2	121.5

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	119.7	117.8	115.9	113.9	111.9	109.9	107.8	105.7	103.5	101.3
30.0	120.1	118.3	116.4	114.3	112.3	110.4	108.5	106.2	104.1	102.1
60.0	120.3	118.5	116.6	114.7	112.8	110.8	108.8	106.7	104.7	102.5
90.0	122.7	120.9	119.1	117.3	115.3	113.4	111.5	109.4	107.3	105.4
120.0	122.5	120.7	118.9	117.0	115.1	113.1	111.2	109.1	107.0	104.9
150.0	122.7	120.9	119.1	117.2	115.3	113.4	111.4	109.3	107.2	105.2
180.0	121.0	119.2	117.4	115.5	113.5	111.5	109.5	107.5	105.3	103.2
210.0	120.3	118.4	116.6	114.7	112.6	110.7	108.7	106.5	104.3	102.3
240.0	118.2	116.3	114.4	112.4	110.3	108.3	106.2	104.1	101.8	99.6
270.0	117.2	115.2	113.2	111.1	108.9	107.0	104.8	102.5	100.4	98.0
300.0	117.9	116.0	113.9	111.9	109.8	107.8	105.6	103.3	101.1	98.9
330.0	118.5	116.6	114.7	112.5	110.5	108.5	106.4	104.2	102.0	99.7
360.0	119.7	117.8	115.9	113.9	111.9	109.9	107.8	105.7	103.5	101.3

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	99.1	96.8	94.4	92.1	89.7	87.2	84.7	82.3	79.6	77.0
30.0	99.8	97.6	95.3	92.9	90.6	88.2	85.8	83.2	80.7	78.2
60.0	100.4	98.1	95.9	93.6	91.3	89.0	86.5	84.2	81.7	79.1
90.0	103.3	101.1	98.7	96.4	94.1	91.8	89.4	86.9	84.5	82.0
120.0	102.7	100.6	98.3	96.0	93.7	91.3	88.8	86.4	84.0	81.6
150.0	103.1	100.9	98.5	96.1	93.8	91.4	89.0	86.5	84.1	81.5
180.0	101.0	98.7	96.5	94.1	91.7	89.3	86.7	84.2	81.8	79.3
210.0	100.2	97.8	95.3	92.9	90.5	88.1	85.6	83.1	80.6	77.9
240.0	97.3	95.0	92.7	90.3	87.8	85.3	82.7	80.1	77.7	75.0
270.0	95.7	93.4	90.9	88.4	85.9	83.5	80.9	78.3	75.6	73.0
300.0	96.6	94.2	91.7	89.3	86.9	84.3	81.8	79.2	76.6	73.9
330.0	97.4	95.1	92.7	90.3	87.8	85.4	82.8	80.2	77.6	75.0
360.0	99.1	96.8	94.4	92.1	89.7	87.2	84.7	82.3	79.6	77.0

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	74.4	71.6	69.0	66.3	63.6	60.7	57.9	55.1	52.3	49.3
30.0	75.5	72.9	70.2	67.5	64.9	62.1	59.3	56.5	53.7	50.8
60.0	76.6	73.9	71.2	68.6	65.8	62.9	60.1	57.3	54.5	51.5
90.0	79.5	76.9	74.4	71.7	69.1	66.4	63.7	61.0	58.3	55.5
120.0	79.0	76.4	73.9	71.2	68.6	65.9	63.1	60.2	57.4	54.6
150.0	79.0	76.3	73.8	71.1	68.4	65.7	63.0	60.1	57.4	54.5
180.0	76.6	74.1	71.4	68.7	66.0	63.3	60.5	57.6	54.8	51.9
210.0	75.3	72.6	70.0	67.2	64.5	61.7	58.9	56.0	53.2	50.3
240.0	72.3	69.7	67.0	64.2	61.4	58.7	55.8	52.9	50.1	47.2
270.0	70.2	67.5	64.6	61.8	59.1	56.2	53.4	50.5	47.6	44.7
300.0	71.2	68.4	65.7	63.0	60.2	57.2	54.4	51.6	48.7	45.7
330.0	72.2	69.6	66.7	63.9	61.3	58.4	55.5	52.6	49.8	46.8
360.0	74.4	71.6	69.0	66.3	63.6	60.7	57.9	55.1	52.3	49.3

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	46.4	43.6	40.6	37.6	34.7	31.9	29.1	26.2	23.5	20.9
30.0	48.0	45.0	42.1	39.2	36.3	33.3	30.5	27.5	24.9	22.0
60.0	48.7	45.9	43.1	40.2	37.3	34.6	31.9	29.1	26.5	24.0
90.0	52.8	50.0	47.2	44.2	41.7	38.8	36.0	33.1	30.1	27.5
120.0	51.8	48.7	45.8	43.0	40.2	37.3	34.5	31.7	28.9	26.3
150.0	51.6	48.8	46.0	43.2	40.2	37.2	34.5	31.6	28.7	26.1
180.0	49.1	46.1	43.2	40.4	37.6	34.6	31.8	29.0	26.2	23.6
210.0	47.4	44.5	41.5	38.6	35.6	32.8	30.0	27.2	24.4	21.9
240.0	44.4	41.3	38.4	35.6	32.9	30.0	27.2	24.4	21.7	19.2
270.0	41.7	38.8	35.9	33.0	30.1	27.2	24.5	21.7	19.1	16.5
300.0	42.8	39.9	37.0	34.0	31.2	28.4	25.6	22.8	20.3	17.8
330.0	43.9	41.0	38.1	35.2	32.4	29.4	26.7	23.9	21.1	18.5
360.0	46.4	43.6	40.6	37.6	34.7	31.9	29.1	26.2	23.5	20.9

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	18.3	15.9	13.5	11.3	9.2	7.4	5.8	4.2	2.9	1.7
30.0	19.5	17.0	14.8	12.4	10.4	8.5	6.8	5.3	4.0	3.0
60.0	21.4	18.9	16.4	14.2	12.1	10.2	8.4	6.8	5.4	4.2
90.0	24.9	22.3	19.7	17.1	14.9	12.8	10.8	8.8	7.2	5.9
120.0	23.6	21.1	18.7	16.4	14.1	12.1	10.1	8.4	6.8	5.5
150.0	23.5	20.8	18.1	15.7	13.5	11.4	9.4	7.8	6.3	5.1
180.0	21.0	18.3	16.0	13.7	11.5	9.5	7.7	6.1	4.6	3.3
210.0	19.3	16.7	14.4	12.3	10.2	8.3	6.4	4.9	3.8	2.9
240.0	16.7	14.3	12.1	10.2	8.3	6.6	5.1	4.0	3.2	2.5
270.0	14.1	12.1	10.1	8.2	6.6	5.2	4.0	3.2	2.5	2.0
300.0	15.4	13.1	10.9	9.0	7.4	5.9	4.7	3.7	2.9	2.3
330.0	15.9	13.7	11.6	9.5	7.7	6.1	4.8	3.8	2.9	2.3
360.0	18.3	15.9	13.5	11.3	9.2	7.4	5.8	4.2	2.9	1.7

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	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3
30.0	2.3	1.9	1.5	1.4	1.2	1.2	1.2	1.2	1.3	1.3
60.0	3.3	2.6	2.1	1.8	1.5	1.4	1.4	1.4	1.4	1.4
90.0	4.7	3.7	2.9	2.4	2.0	1.9	1.8	1.7	1.7	1.7
120.0	4.4	3.6	2.9	2.4	2.1	1.9	1.7	1.7	1.7	1.7
150.0	4.0	3.1	2.5	2.0	1.8	1.6	1.6	1.5	1.6	1.6
180.0	2.3	1.4	1.4	1.4	1.4	1.4	1.5	1.5	1.5	1.6
210.0	2.2	1.8	1.7	1.6	1.5	1.5	1.5	1.6	1.6	1.6
240.0	2.1	1.9	1.7	1.6	1.6	1.6	1.7	1.7	1.7	1.7
270.0	1.7	1.5	1.4	1.4	1.3	1.4	1.4	1.4	1.4	1.5
300.0	1.9	1.6	1.5	1.4	1.4	1.4	1.4	1.4	1.4	1.4
330.0	1.9	1.6	1.4	1.4	1.3	1.3	1.3	1.3	1.3	1.3
360.0	1.0	1.0	1.0	1.1	1.1	1.1	1.2	1.2	1.2	1.3

Cly	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	1.4	1.5	1.5	1.5	1.6	1.6	1.6
30.0	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
60.0	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.6
90.0	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.8	1.9	1.9
120.0	1.7	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9
150.0	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
180.0	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
210.0	1.6	1.6	1.6	1.7	1.7	1.7	1.8	1.8	1.8	1.9
240.0	1.7	1.7	1.8	1.8	1.8	1.8	1.8	1.9	1.9	1.9
270.0	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7	1.7	1.7
300.0	1.4	1.4	1.5	1.5	1.5	1.5	1.6	1.6	1.6	1.7
330.0	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6
360.0	1.3	1.4	1.4	1.4	1.5	1.5	1.5	1.6	1.6	1.6

Cly	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	1.8	1.9	1.9	1.9	2.0	2.0
30.0	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0
60.0	1.7	1.7	1.8	1.8	1.8	1.9	1.9	2.0	2.0	2.0
90.0	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2
120.0	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2	2.2
150.0	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2
180.0	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2
210.0	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.2	2.2
240.0	1.9	2.0	2.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3
270.0	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1
300.0	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0	2.0
330.0	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	2.0	2.0
360.0	1.7	1.7	1.8	1.8	1.8	1.9	1.9	1.9	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	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4
30.0	2.1	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.4	2.4
60.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4
90.0	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6
120.0	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5	2.6
150.0	2.3	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.6
180.0	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5
210.0	2.2	2.3	2.3	2.3	2.4	2.4	2.4	2.5	2.5	2.5
240.0	2.3	2.3	2.3	2.4	2.4	2.5	2.5	2.5	2.5	2.6
270.0	2.2	2.2	2.2	2.3	2.3	2.4	2.4	2.4	2.5	2.5
300.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4	2.4
330.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	2.4
360.0	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.3	2.3	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	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7
30.0	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
60.0	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7	2.8
90.0	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9
120.0	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9	2.9
150.0	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9
180.0	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9
210.0	2.5	2.6	2.6	2.7	2.7	2.7	2.7	2.8	2.8	2.8
240.0	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.8	2.9	2.9
270.0	2.6	2.6	2.6	2.7	2.7	2.7	2.8	2.8	2.8	2.9
300.0	2.5	2.5	2.5	2.6	2.6	2.6	2.7	2.7	2.7	2.8
330.0	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7
360.0	2.4	2.4	2.5	2.5	2.5	2.6	2.6	2.7	2.7	2.7

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	2.8	2.9	2.9	3.0	3.0	3.0	3.1	3.1
30.0	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1
60.0	2.8	2.8	2.9	2.9	3.0	3.0	3.0	3.0	3.1	3.1
90.0	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
120.0	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2
150.0	2.9	3.0	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2
180.0	2.9	2.9	3.0	3.0	3.0	3.0	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	3.1	3.2
240.0	2.9	3.0	3.0	3.0	3.1	3.1	3.1	3.2	3.2	3.2
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	2.9	2.9	2.9	3.0	3.0	3.0	3.1	3.1
330.0	2.8	2.8	2.8	2.9	2.9	2.9	3.0	3.0	3.0	3.1
360.0	2.8	2.8	2.8	2.9	2.9	3.0	3.0	3.0	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	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4
30.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4
60.0	3.2	3.2	3.2	3.3	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	3.4	3.5	3.5	3.5
120.0	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.5
150.0	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5
180.0	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.5
210.0	3.2	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4
240.0	3.2	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.4	3.5
270.0	3.3	3.3	3.3	3.3	3.4	3.4	3.4	3.5	3.5	3.5
300.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4
330.0	3.1	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4
360.0	3.1	3.2	3.2	3.2	3.3	3.3	3.3	3.4	3.4	3.4

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

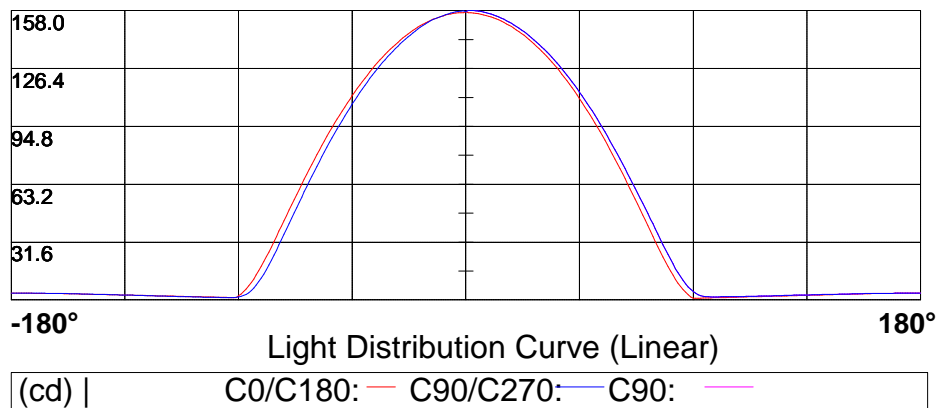
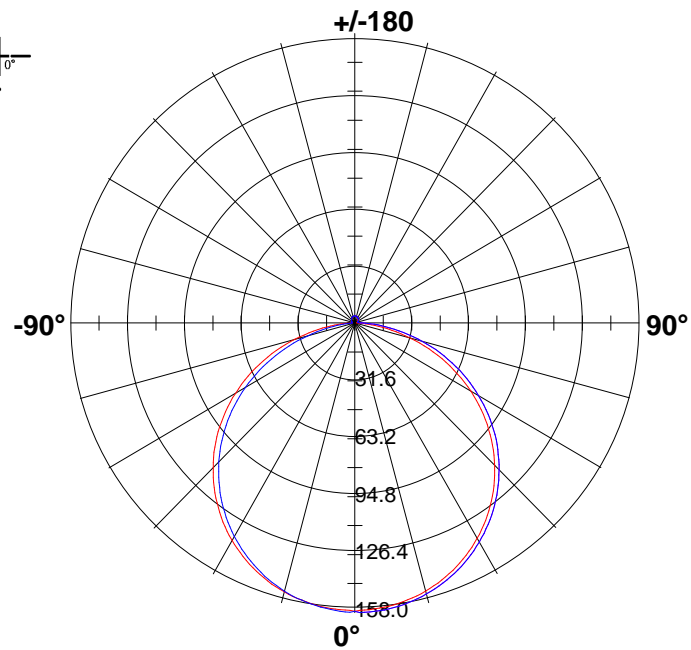
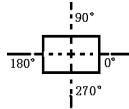
Cly	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8
30.0	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8
60.0	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8
90.0	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8
120.0	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8
150.0	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8
180.0	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8
210.0	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8
240.0	3.6	3.6	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8
270.0	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8	3.8
300.0	3.7	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8
330.0	3.7	3.7	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8
360.0	3.7	3.7	3.7	3.8	3.8	3.8	3.8	3.8	3.8	3.8

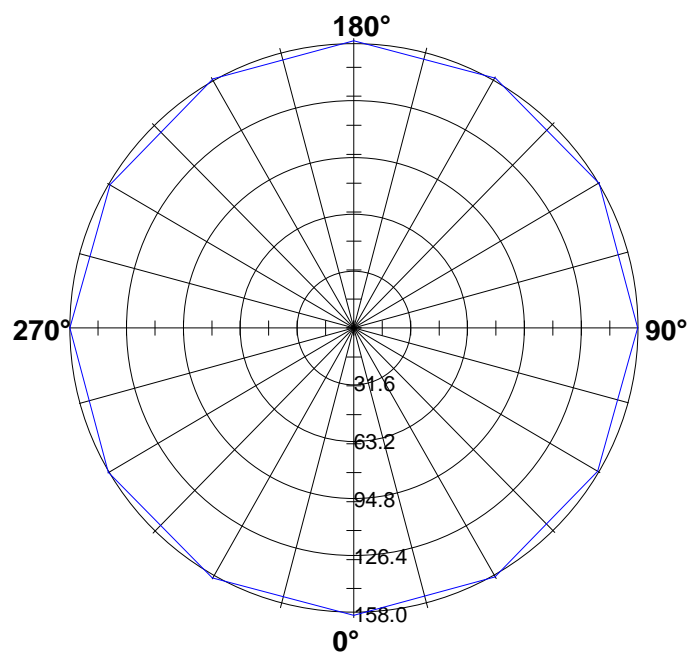
Photometric Data Table [cd]

C\γ	180.0
0.0	3.8
30.0	3.8
60.0	3.8
90.0	3.8
120.0	3.8
150.0	3.8
180.0	3.8
210.0	3.8
240.0	3.8
270.0	3.8
300.0	3.8
330.0	3.8
360.0	3.8

Light Distribution Curve [Unit: cd]

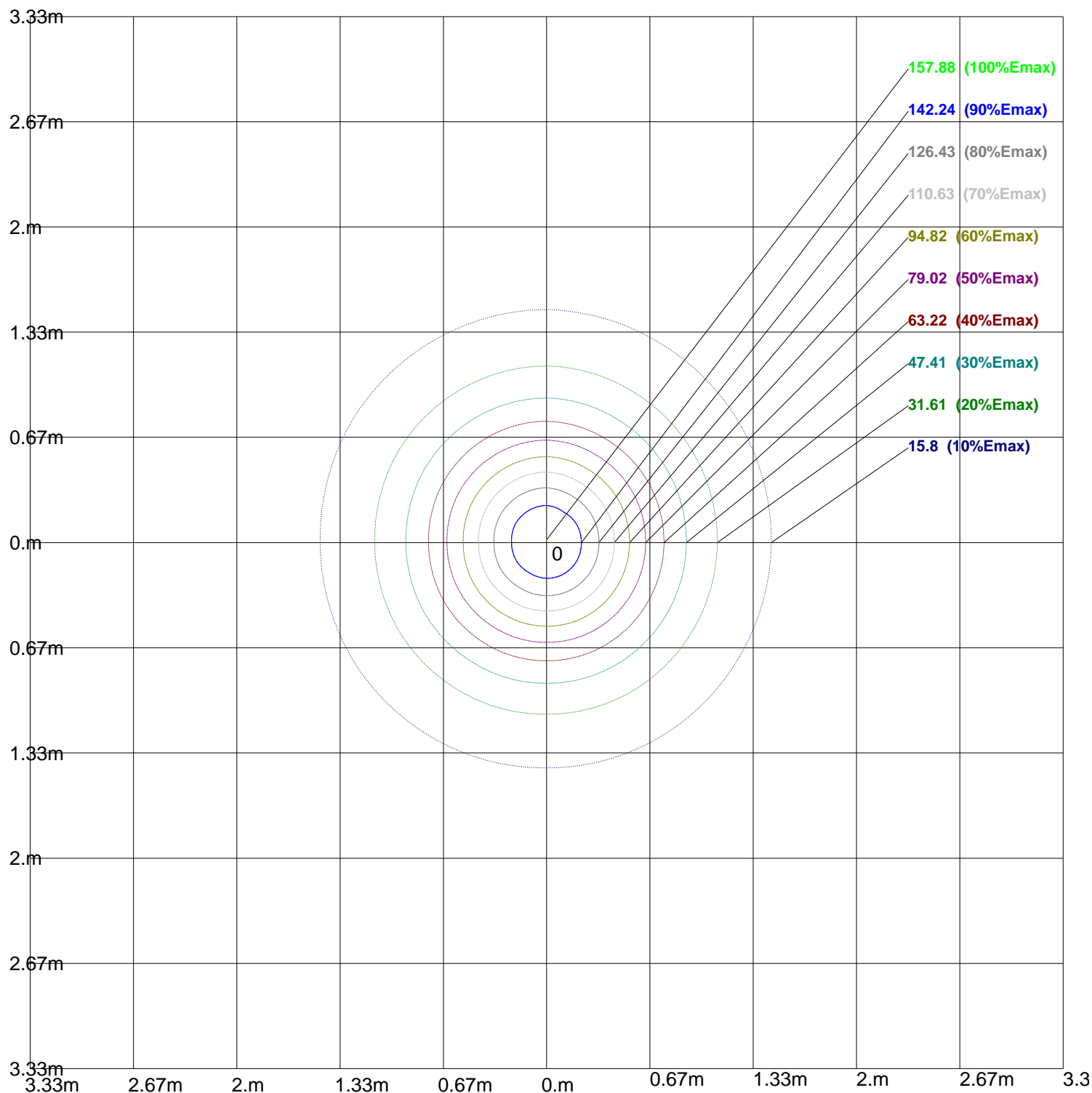
Luminaire



Max Plane Light Distribution Curve [Unit: cd]

158.0							
126.4							
94.8							
63.2							
31.6							
-180°	Light Distribution Curve (Linear)						180°
(cd)	γ2: —						

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 158.04lx

Luminance Limiting Curve

Diameter: 0mm

Length: 1000mm

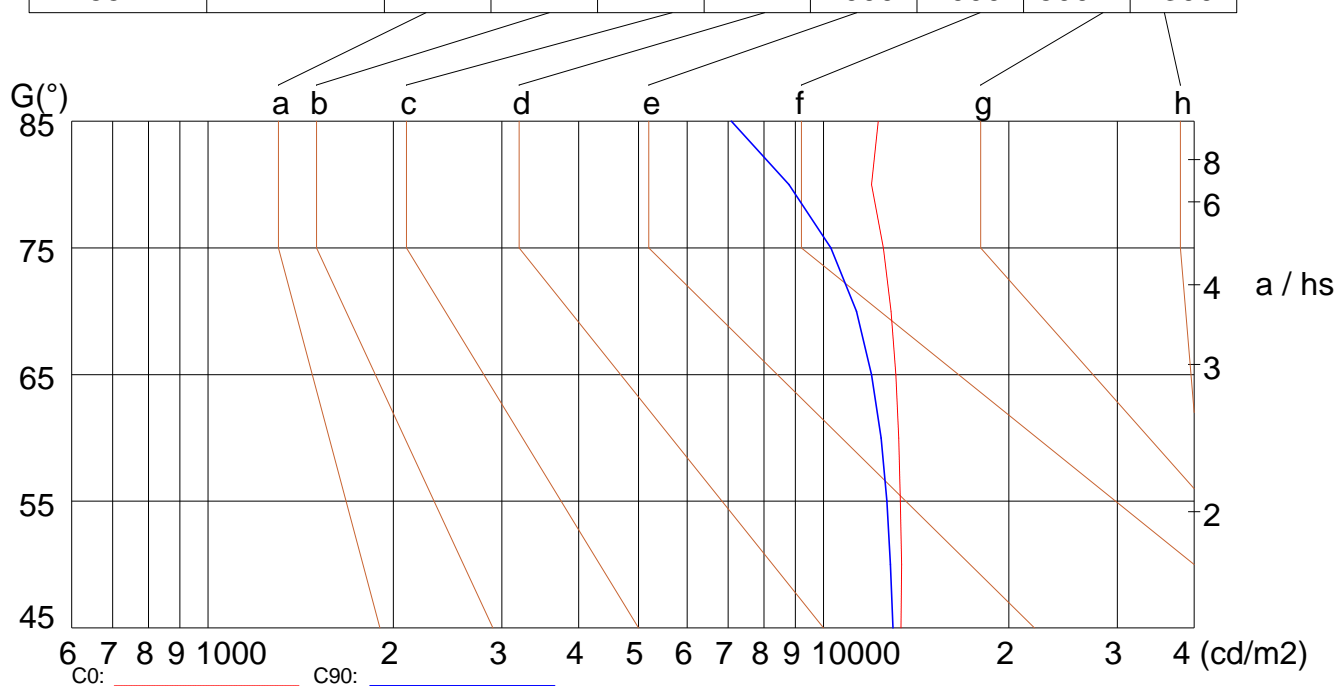
Width: 12mm

Height: 20mm

(cd/m²)

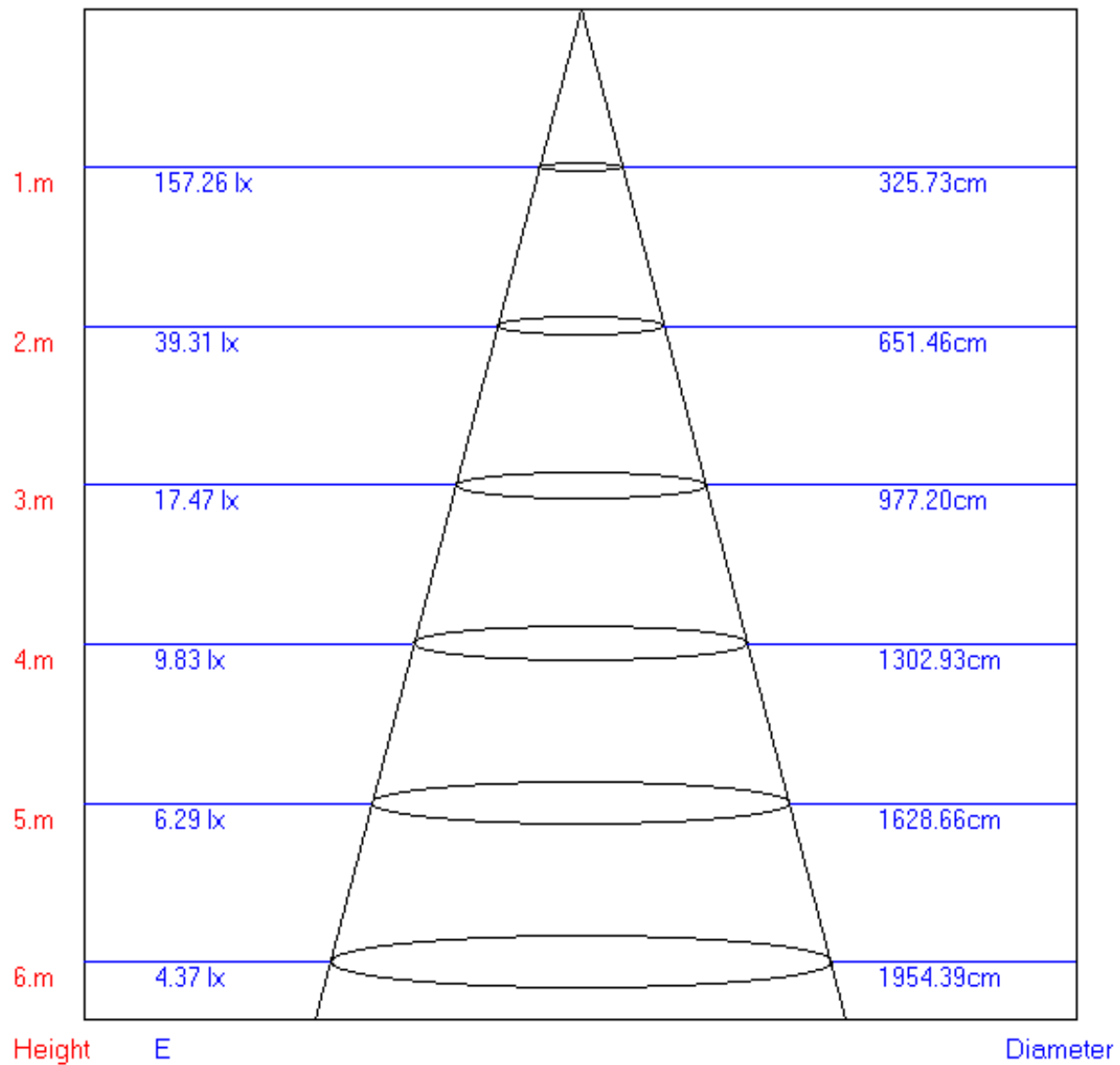
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	13364	13396	13332	13250	13097	12862	12509	11964	12267
C90	12954	12843	12671	12398	11961	11303	10277	8777	7085

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

