

## Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] 127-092

Sum Lumens: 1285 lm

Number of Lamps: 1

Diameter: 0mm

Length: 1000mm

Photometric Type: Type C

Voltage: 24.0 V

Current: 0.6042 A

Power: 14.5 W

Power Factor: 1.000

Ballast Type:

Width: 10mm

Height: 3mm

Remark:

## Photometric Results

Lumens: 1285.00 lm

Efficiency: 100%

Central Intensity: 413.818cd

Maximum Intensity: 415.87cd

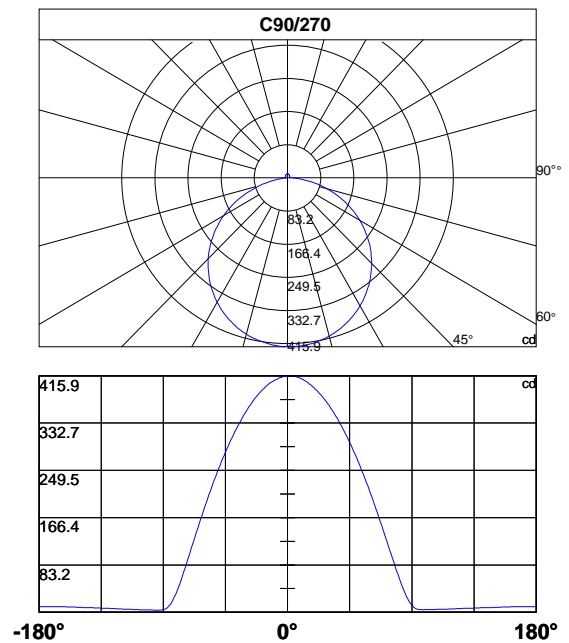
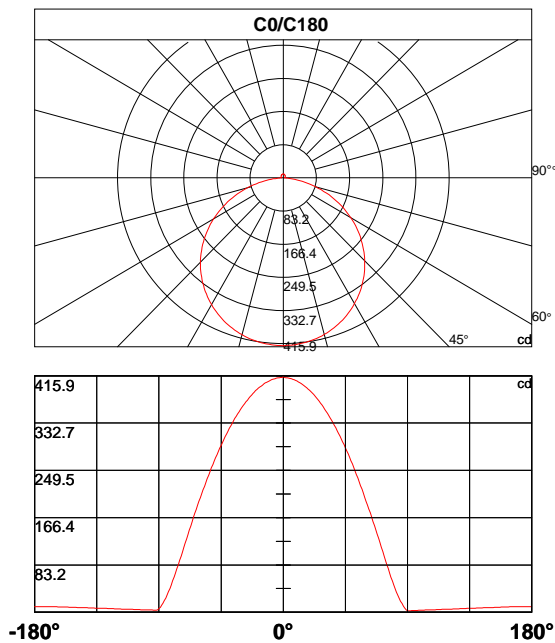
Beam Angle(10%): Left: -81.3 Right:81.6

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	413.8	412.7	412.5	412.1	411.7	411.1	410.4	409.6	408.7	407.6
30.0	413.8	413.2	413.0	412.6	412.2	411.6	410.9	410.1	409.2	408.2
60.0	413.8	412.0	411.8	411.4	411.0	410.5	409.8	409.0	408.1	407.1
90.0	413.8	415.8	415.9	415.7	415.3	414.9	414.4	413.6	412.8	411.8
120.0	413.8	415.0	414.9	414.7	414.3	413.8	413.3	412.6	411.8	410.7
150.0	413.8	414.5	414.5	414.3	414.0	413.5	413.0	412.3	411.5	410.6
180.0	413.8	412.8	412.7	412.4	412.0	411.5	410.9	410.2	409.3	408.2
210.0	413.8	413.2	413.1	412.8	412.4	411.9	411.2	410.5	409.5	408.5
240.0	413.8	412.0	411.8	411.4	411.0	410.4	409.8	409.0	408.0	406.8
270.0	413.8	415.6	415.1	414.5	413.7	413.0	412.0	410.9	409.7	408.4
300.0	413.8	414.8	414.6	414.2	413.7	413.1	412.3	411.4	410.4	409.2
330.0	413.8	414.3	414.0	413.6	413.1	412.5	411.7	410.8	409.8	408.6
360.0	413.8	412.7	412.5	412.1	411.7	411.1	410.4	409.6	408.7	407.6

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	406.4	405.1	403.8	402.2	400.6	398.8	396.8	394.8	392.7	390.5
30.0	407.0	405.7	404.3	402.8	401.2	399.3	397.5	395.4	393.3	391.0
60.0	406.0	404.7	403.4	401.9	400.3	398.5	396.6	394.6	392.6	390.3
90.0	410.6	409.3	407.9	406.4	404.9	403.2	401.3	399.4	397.3	395.1
120.0	409.6	408.4	407.1	405.9	404.3	402.5	400.7	398.8	396.9	394.6
150.0	409.5	408.4	407.1	405.7	404.2	402.6	400.8	399.0	397.0	394.9
180.0	407.0	405.7	404.4	403.2	401.6	399.7	397.8	396.0	394.1	391.8
210.0	407.4	406.1	404.7	403.2	401.6	399.9	397.9	396.0	393.8	391.6
240.0	405.5	404.2	402.9	401.4	399.5	397.5	395.4	393.4	391.3	388.7
270.0	407.1	405.7	404.3	402.9	400.8	398.6	396.4	394.1	391.8	389.2
300.0	407.9	406.5	404.9	403.3	401.5	399.5	397.3	395.1	392.8	390.3
330.0	407.4	406.0	404.5	402.8	401.1	399.2	397.2	395.0	392.8	390.4
360.0	406.4	405.1	403.8	402.2	400.6	398.8	396.8	394.8	392.7	390.5

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	388.0	385.5	382.9	380.2	377.2	374.2	371.1	367.9	364.6	361.0
30.0	388.7	386.1	383.5	380.8	377.8	374.9	371.8	368.6	365.2	361.8
60.0	387.9	385.4	382.9	380.3	377.3	374.3	371.3	368.2	364.9	361.4
90.0	392.8	390.4	387.9	385.3	382.6	379.7	376.7	373.7	370.5	367.1
120.0	392.3	390.0	387.6	384.8	382.1	379.4	376.2	373.0	369.9	366.7
150.0	392.6	390.3	387.7	385.2	382.4	379.5	376.6	373.7	370.5	367.1
180.0	389.4	387.1	384.6	381.9	379.2	376.4	373.2	370.0	366.8	363.6
210.0	389.2	386.7	384.1	381.4	378.5	375.5	372.4	369.3	366.0	362.4
240.0	386.2	383.8	380.9	378.0	375.1	372.1	368.6	365.2	361.9	358.4
270.0	386.6	383.6	380.7	377.7	374.5	371.3	367.9	364.5	360.9	357.1
300.0	387.5	384.8	382.0	379.1	375.9	372.6	369.3	365.9	362.4	358.6
330.0	387.9	385.2	382.5	379.6	376.5	373.5	370.1	366.8	363.3	359.7
360.0	388.0	385.5	382.9	380.2	377.2	374.2	371.1	367.9	364.6	361.0

**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	357.4	353.8	349.9	345.9	341.9	337.7	333.4	328.9	324.3	319.6
30.0	358.2	354.5	350.6	346.8	342.7	338.5	334.3	329.9	325.4	320.7
60.0	357.9	354.4	350.6	346.7	342.8	338.8	334.6	330.1	325.6	321.1
90.0	363.6	360.1	356.5	352.6	348.7	344.7	340.6	336.3	332.0	327.4
120.0	363.2	359.6	355.9	352.1	348.3	344.2	340.0	335.8	331.5	326.9
150.0	363.6	360.1	356.5	352.7	348.7	344.7	340.7	336.3	332.0	327.5
180.0	360.0	356.4	352.7	348.8	345.0	340.7	336.5	332.2	327.8	323.3
210.0	358.9	355.1	351.4	347.5	343.3	339.2	335.0	330.5	325.9	321.3
240.0	354.6	350.8	346.8	342.8	338.6	334.2	329.9	325.3	320.8	316.0
270.0	353.3	349.3	345.1	341.1	336.6	332.2	327.7	323.1	318.3	313.4
300.0	354.9	351.0	346.9	342.7	338.5	334.1	329.5	324.8	320.0	315.1
330.0	355.9	352.1	348.0	344.1	339.7	335.3	331.0	326.4	321.8	316.9
360.0	357.4	353.8	349.9	345.9	341.9	337.7	333.4	328.9	324.3	319.6

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	314.9	310.0	304.9	299.8	294.5	289.2	283.7	278.0	272.4	266.6
30.0	316.0	311.2	306.3	300.9	295.6	290.6	285.4	279.5	274.0	268.5
60.0	316.5	311.8	306.8	301.9	296.8	291.7	286.4	280.8	275.5	269.8
90.0	322.9	318.2	313.4	308.6	303.4	298.4	293.4	287.9	282.3	277.3
120.0	322.3	317.6	312.8	308.0	302.8	297.6	292.5	287.1	281.7	276.0
150.0	322.8	318.1	313.4	308.3	303.4	298.5	293.3	287.5	282.2	276.9
180.0	318.5	313.7	308.9	304.0	298.7	293.4	288.2	282.8	277.2	271.4
210.0	316.5	311.7	306.9	301.7	296.4	291.4	286.0	280.2	274.5	269.2
240.0	311.0	306.0	301.0	295.8	290.4	284.9	279.4	273.9	268.0	262.1
270.0	308.3	303.2	298.0	292.2	286.7	281.5	275.8	269.8	264.1	257.8
300.0	310.3	305.1	299.8	294.4	289.0	283.6	277.9	272.0	266.1	260.1
330.0	311.9	306.9	301.8	296.1	290.8	285.6	280.0	274.2	268.5	262.3
360.0	314.9	310.0	304.9	299.8	294.5	289.2	283.7	278.0	272.4	266.6

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	260.7	254.6	248.4	242.3	236.0	229.5	222.9	216.4	209.6	202.6
30.0	262.6	256.8	250.8	244.5	238.3	232.0	225.7	219.0	212.3	205.7
60.0	264.1	258.2	252.3	246.4	240.3	234.1	227.6	221.5	214.9	208.2
90.0	271.9	266.0	259.8	253.7	247.6	241.4	235.1	228.7	222.4	215.8
120.0	270.4	264.6	258.8	252.7	246.4	240.3	233.8	227.3	221.1	214.8
150.0	271.4	265.5	259.2	252.9	246.8	240.6	234.2	227.6	221.2	214.5
180.0	265.7	259.8	253.8	247.6	241.3	235.0	228.2	221.6	215.3	208.8
210.0	263.6	257.5	250.9	244.6	238.3	231.9	225.3	218.6	212.0	205.1
240.0	256.1	250.0	243.9	237.5	231.0	224.4	217.5	210.8	204.4	197.4
270.0	251.7	245.7	239.2	232.8	226.1	219.6	212.8	206.0	198.9	192.0
300.0	254.1	247.8	241.4	235.1	228.6	221.9	215.1	208.5	201.5	194.5
330.0	256.3	250.3	244.0	237.6	231.0	224.7	217.9	211.1	204.2	197.3
360.0	260.7	254.6	248.4	242.3	236.0	229.5	222.9	216.4	209.6	202.6

**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	195.8	188.5	181.6	174.6	167.3	159.6	152.3	145.0	137.5	129.7
30.0	198.7	192.0	184.7	177.6	170.7	163.4	156.1	148.6	141.4	133.7
60.0	201.4	194.4	187.5	180.5	173.2	165.6	158.2	150.9	143.4	135.6
90.0	209.2	202.4	195.7	188.8	181.9	174.8	167.7	160.6	153.3	146.0
120.0	207.8	201.1	194.5	187.3	180.4	173.4	166.0	158.4	151.0	143.6
150.0	207.8	200.9	194.1	187.1	180.0	172.9	165.7	158.2	150.9	143.5
180.0	201.7	194.9	188.0	180.7	173.6	166.6	159.1	151.5	144.2	136.7
210.0	198.2	191.1	184.1	176.9	169.7	162.4	155.0	147.4	140.0	132.3
240.0	190.2	183.3	176.3	168.9	161.7	154.5	146.9	139.2	131.9	124.2
270.0	184.7	177.7	170.1	162.7	155.6	147.9	140.5	132.8	125.3	117.5
300.0	187.4	179.9	173.0	165.8	158.3	150.6	143.2	135.7	128.1	120.4
330.0	190.1	183.1	175.6	168.2	161.2	153.6	146.1	138.4	130.9	123.2
360.0	195.8	188.5	181.6	174.6	167.3	159.6	152.3	145.0	137.5	129.7

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	122.1	114.6	106.8	98.9	91.3	84.0	76.6	68.9	61.8	54.9
30.0	126.3	118.4	110.9	103.1	95.4	87.6	80.1	72.5	65.4	58.0
60.0	128.1	120.8	113.5	105.8	98.1	91.1	83.9	76.5	69.8	63.0
90.0	138.9	131.6	124.1	116.4	109.7	102.2	94.8	87.1	79.2	72.2
120.0	136.3	128.2	120.5	113.2	105.8	98.1	90.7	83.4	76.1	69.3
150.0	135.8	128.4	121.2	113.6	105.8	98.0	90.7	83.1	75.6	68.8
180.0	129.3	121.3	113.6	106.2	98.9	91.1	83.7	76.3	68.9	62.1
210.0	124.7	117.1	109.3	101.5	93.8	86.3	78.9	71.5	64.3	57.5
240.0	116.8	108.8	101.0	93.7	86.5	78.8	71.5	64.3	57.2	50.5
270.0	109.8	102.0	94.4	86.7	79.2	71.6	64.4	57.2	50.3	43.5
300.0	112.7	105.0	97.3	89.6	82.1	74.8	67.5	60.1	53.4	46.8
330.0	115.6	107.8	100.3	92.6	85.1	77.4	70.2	62.8	55.7	48.6
360.0	122.1	114.6	106.8	98.9	91.3	84.0	76.6	68.9	61.8	54.9

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	48.1	41.7	35.4	29.7	24.3	19.5	15.2	11.1	7.7	4.4
30.0	51.4	44.8	38.8	32.7	27.4	22.4	17.8	14.0	10.6	8.0
60.0	56.3	49.7	43.3	37.4	31.9	26.8	22.2	17.9	14.2	11.1
90.0	65.6	58.8	51.8	45.0	39.3	33.8	28.4	23.2	18.9	15.4
120.0	62.2	55.7	49.1	43.1	37.2	31.7	26.7	22.1	18.0	14.4
150.0	61.9	54.8	47.7	41.3	35.6	30.1	24.7	20.4	16.7	13.4
180.0	55.2	48.2	42.0	36.1	30.3	25.1	20.3	16.0	12.2	8.7
210.0	50.7	43.9	37.8	32.4	26.9	21.8	16.8	12.8	10.0	7.6
240.0	43.9	37.7	32.0	26.7	21.9	17.3	13.5	10.6	8.4	6.7
270.0	37.2	31.7	26.7	21.5	17.3	13.7	10.6	8.4	6.5	5.3
300.0	40.5	34.5	28.8	23.8	19.4	15.6	12.4	9.7	7.6	6.1
330.0	41.9	36.0	30.5	24.9	20.2	16.1	12.6	9.9	7.5	5.9
360.0	48.1	41.7	35.4	29.7	24.3	19.5	15.2	11.1	7.7	4.4

**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	2.8	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4
30.0	6.2	4.9	4.0	3.5	3.3	3.2	3.2	3.3	3.3	3.4
60.0	8.7	6.9	5.5	4.6	4.0	3.7	3.6	3.6	3.6	3.7
90.0	12.3	9.7	7.7	6.2	5.4	4.9	4.6	4.5	4.4	4.5
120.0	11.6	9.4	7.7	6.4	5.4	4.9	4.5	4.4	4.4	4.4
150.0	10.5	8.1	6.4	5.4	4.7	4.3	4.1	4.1	4.1	4.2
180.0	6.1	3.7	3.6	3.7	3.7	3.8	3.9	3.9	4.0	4.1
210.0	5.8	4.8	4.4	4.2	4.1	4.0	4.0	4.1	4.2	4.2
240.0	5.6	4.9	4.4	4.3	4.3	4.3	4.4	4.5	4.5	4.5
270.0	4.5	4.0	3.7	3.6	3.5	3.6	3.6	3.7	3.8	3.8
300.0	4.9	4.3	4.0	3.8	3.7	3.6	3.6	3.6	3.7	3.7
330.0	4.9	4.2	3.8	3.5	3.4	3.3	3.3	3.3	3.3	3.4
360.0	2.8	2.7	2.8	2.8	2.9	3.0	3.1	3.2	3.3	3.4

Cly	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	3.5	3.6	3.7	3.8	3.8	4.0	4.0	4.1	4.2	4.3
30.0	3.5	3.6	3.7	3.8	3.8	4.0	4.0	4.2	4.2	4.3
60.0	3.7	3.8	3.8	3.9	3.9	4.0	4.1	4.2	4.3	4.3
90.0	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.8	4.9	5.0
120.0	4.5	4.5	4.6	4.6	4.7	4.7	4.8	4.8	4.9	5.0
150.0	4.2	4.3	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9
180.0	4.2	4.3	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9
210.0	4.2	4.3	4.3	4.4	4.5	4.6	4.7	4.8	4.8	4.9
240.0	4.6	4.6	4.6	4.7	4.7	4.7	4.8	4.9	4.9	5.0
270.0	3.9	4.0	4.0	4.1	4.2	4.2	4.3	4.4	4.5	4.6
300.0	3.7	3.8	3.8	3.9	4.0	4.1	4.1	4.2	4.3	4.4
330.0	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.3
360.0	3.5	3.6	3.7	3.8	3.8	4.0	4.0	4.1	4.2	4.3

Cly	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
30.0	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
60.0	4.4	4.5	4.7	4.8	4.8	4.9	5.1	5.1	5.2	5.3
90.0	5.1	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
120.0	5.1	5.2	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9
150.0	5.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8
180.0	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.7	5.8
210.0	5.0	5.1	5.2	5.3	5.3	5.4	5.5	5.6	5.7	5.8
240.0	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.7	5.8	5.9
270.0	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4	5.5	5.6
300.0	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3	5.4
330.0	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3
360.0	4.4	4.5	4.6	4.7	4.8	4.9	5.0	5.1	5.2	5.3

**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	5.4	5.5	5.6	5.7	5.8	5.8	5.9	6.1	6.1	6.2
30.0	5.4	5.5	5.6	5.7	5.8	5.9	6.0	6.1	6.2	6.3
60.0	5.4	5.6	5.7	5.7	5.8	5.9	6.0	6.1	6.2	6.3
90.0	6.0	6.1	6.2	6.3	6.3	6.4	6.5	6.6	6.7	6.8
120.0	6.0	6.1	6.2	6.2	6.3	6.4	6.5	6.6	6.7	6.8
150.0	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.6	6.7
180.0	5.9	5.9	6.1	6.1	6.2	6.3	6.4	6.5	6.6	6.7
210.0	5.9	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6	6.6
240.0	6.0	6.1	6.2	6.3	6.4	6.5	6.5	6.6	6.7	6.8
270.0	5.7	5.8	5.9	6.0	6.1	6.2	6.3	6.4	6.5	6.6
300.0	5.5	5.6	5.7	5.8	5.9	5.9	6.1	6.2	6.3	6.3
330.0	5.4	5.5	5.6	5.7	5.8	5.8	5.9	6.0	6.1	6.2
360.0	5.4	5.5	5.6	5.7	5.8	5.8	5.9	6.1	6.1	6.2

Cly	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2
30.0	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3
60.0	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3
90.0	6.9	7.0	7.1	7.2	7.2	7.3	7.4	7.5	7.6	7.7
120.0	6.9	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.5	7.6
150.0	6.8	6.9	7.0	7.1	7.2	7.3	7.3	7.4	7.5	7.6
180.0	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.3	7.4	7.5
210.0	6.7	6.8	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.5
240.0	6.9	7.0	7.1	7.1	7.2	7.3	7.4	7.5	7.6	7.7
270.0	6.7	6.8	6.9	7.0	7.1	7.2	7.3	7.4	7.5	7.6
300.0	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2	7.3
330.0	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2
360.0	6.3	6.4	6.5	6.6	6.7	6.8	6.9	7.0	7.1	7.2

Cly	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.1	8.1
30.0	7.4	7.4	7.6	7.6	7.7	7.8	7.9	8.0	8.1	8.2
60.0	7.4	7.5	7.6	7.7	7.8	7.8	7.9	8.0	8.1	8.2
90.0	7.8	7.8	7.9	8.0	8.1	8.1	8.2	8.3	8.4	8.5
120.0	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.3	8.3	8.4
150.0	7.7	7.8	7.8	7.9	8.0	8.1	8.2	8.3	8.3	8.4
180.0	7.6	7.7	7.8	7.9	7.9	8.0	8.1	8.2	8.3	8.4
210.0	7.6	7.7	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.3
240.0	7.7	7.8	7.9	8.0	8.1	8.1	8.2	8.3	8.4	8.4
270.0	7.7	7.7	7.8	7.9	8.0	8.1	8.2	8.3	8.4	8.5
300.0	7.4	7.5	7.6	7.7	7.7	7.8	7.9	8.0	8.1	8.2
330.0	7.3	7.3	7.4	7.5	7.6	7.7	7.8	7.9	8.0	8.1
360.0	7.3	7.4	7.5	7.6	7.7	7.8	7.9	7.9	8.1	8.1

**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	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.9	9.0
30.0	8.3	8.4	8.4	8.5	8.6	8.7	8.8	8.9	8.9	9.0
60.0	8.3	8.4	8.5	8.6	8.6	8.7	8.8	8.9	8.9	9.0
90.0	8.6	8.7	8.7	8.8	8.9	9.0	9.0	9.1	9.2	9.3
120.0	8.5	8.6	8.6	8.7	8.8	8.9	8.9	9.0	9.1	9.1
150.0	8.5	8.6	8.7	8.7	8.8	8.9	9.0	9.0	9.1	9.2
180.0	8.4	8.5	8.6	8.7	8.8	8.9	8.9	9.0	9.1	9.1
210.0	8.4	8.5	8.6	8.6	8.7	8.8	8.9	8.9	9.0	9.1
240.0	8.5	8.6	8.7	8.7	8.8	8.9	8.9	9.0	9.1	9.1
270.0	8.6	8.7	8.7	8.8	8.9	9.0	9.1	9.1	9.2	9.3
300.0	8.3	8.4	8.4	8.5	8.6	8.7	8.8	8.8	8.9	9.0
330.0	8.2	8.3	8.4	8.4	8.5	8.6	8.7	8.8	8.9	9.0
360.0	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	8.9	9.0

Cly	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	9.1	9.2	9.3	9.3	9.4	9.4	9.5	9.6	9.6	9.7
30.0	9.1	9.2	9.2	9.3	9.4	9.4	9.5	9.5	9.6	9.6
60.0	9.1	9.2	9.3	9.3	9.4	9.4	9.5	9.6	9.6	9.6
90.0	9.3	9.4	9.4	9.4	9.5	9.6	9.6	9.6	9.7	9.7
120.0	9.2	9.2	9.3	9.3	9.4	9.4	9.5	9.5	9.5	9.6
150.0	9.2	9.3	9.3	9.4	9.4	9.5	9.5	9.6	9.6	9.6
180.0	9.2	9.3	9.3	9.4	9.4	9.5	9.5	9.6	9.6	9.6
210.0	9.1	9.2	9.2	9.3	9.3	9.4	9.4	9.5	9.5	9.6
240.0	9.2	9.2	9.3	9.3	9.3	9.4	9.4	9.4	9.5	9.5
270.0	9.3	9.4	9.5	9.5	9.6	9.6	9.7	9.8	9.8	9.8
300.0	9.1	9.1	9.2	9.3	9.4	9.4	9.5	9.5	9.6	9.6
330.0	9.0	9.1	9.2	9.3	9.3	9.4	9.4	9.5	9.6	9.6
360.0	9.1	9.2	9.3	9.3	9.4	9.4	9.5	9.6	9.6	9.7

Cly	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	9.7	9.8	9.8	9.9	9.9	9.9	10.0	10.0	10.0	10.0
30.0	9.7	9.7	9.8	9.8	9.9	9.9	9.9	9.9	9.9	10.0
60.0	9.7	9.8	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9
90.0	9.8	9.8	9.8	9.8	9.8	9.9	9.9	9.9	10.0	10.0
120.0	9.6	9.6	9.7	9.7	9.7	9.8	9.8	9.8	9.9	9.9
150.0	9.7	9.7	9.7	9.8	9.8	9.9	9.9	9.9	10.0	10.0
180.0	9.7	9.7	9.7	9.8	9.8	9.9	9.9	9.9	10.0	10.0
210.0	9.6	9.6	9.7	9.7	9.8	9.8	9.9	9.9	10.0	10.0
240.0	9.5	9.6	9.6	9.6	9.7	9.7	9.8	9.8	9.9	9.9
270.0	9.9	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1
300.0	9.7	9.7	9.8	9.8	9.8	9.8	9.9	9.9	9.9	9.9
330.0	9.7	9.7	9.8	9.8	9.9	9.9	9.9	10.0	10.0	10.0
360.0	9.7	9.8	9.8	9.9	9.9	9.9	10.0	10.0	10.0	10.0

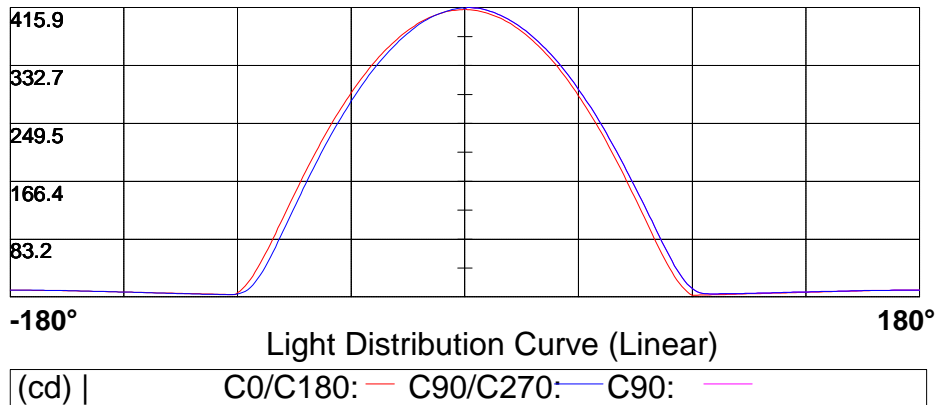
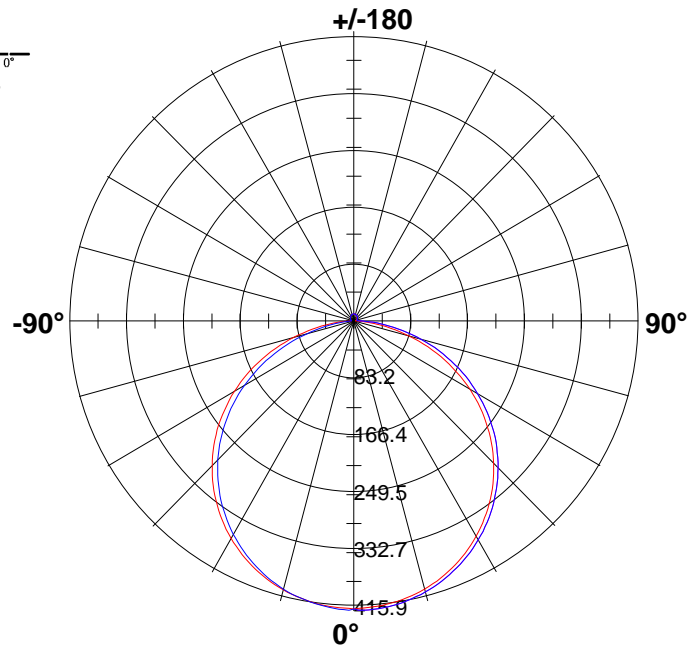
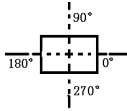
**Photometric Data Table [cd]**

<b>C<sub>v</sub></b>	<b>180.0</b>
<b>0.0</b>	10.0
<b>30.0</b>	10.0
<b>60.0</b>	10.0
<b>90.0</b>	10.0
<b>120.0</b>	10.0
<b>150.0</b>	10.0
<b>180.0</b>	10.0
<b>210.0</b>	10.0
<b>240.0</b>	10.0
<b>270.0</b>	10.0
<b>300.0</b>	10.0
<b>330.0</b>	10.0
<b>360.0</b>	10.0

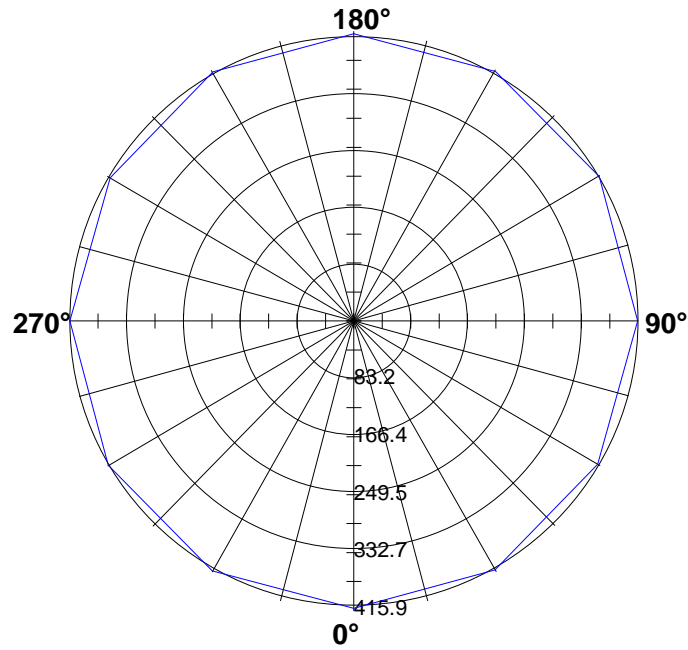


Light Distribution Curve [Unit: cd]

Luminaire



**Max Plane Light Distribution Curve [Unit: cd]**

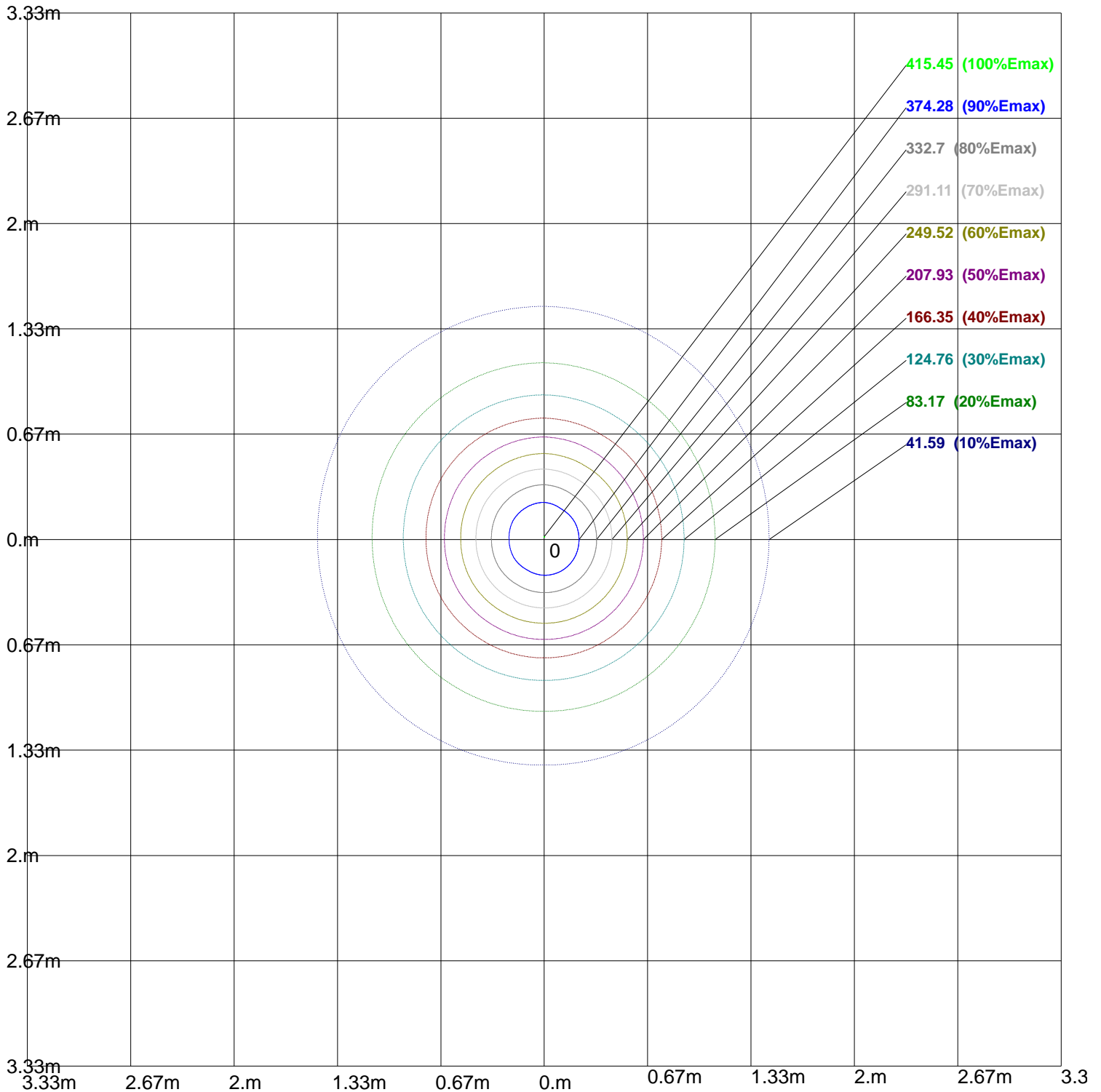


415.9							
332.7							
249.5							
166.4							
83.2							

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

(cd) |  $\gamma$ 2: —

### Iso-Lux[lx]



Height: 1 m  
Max Illuminance : 415.87lx

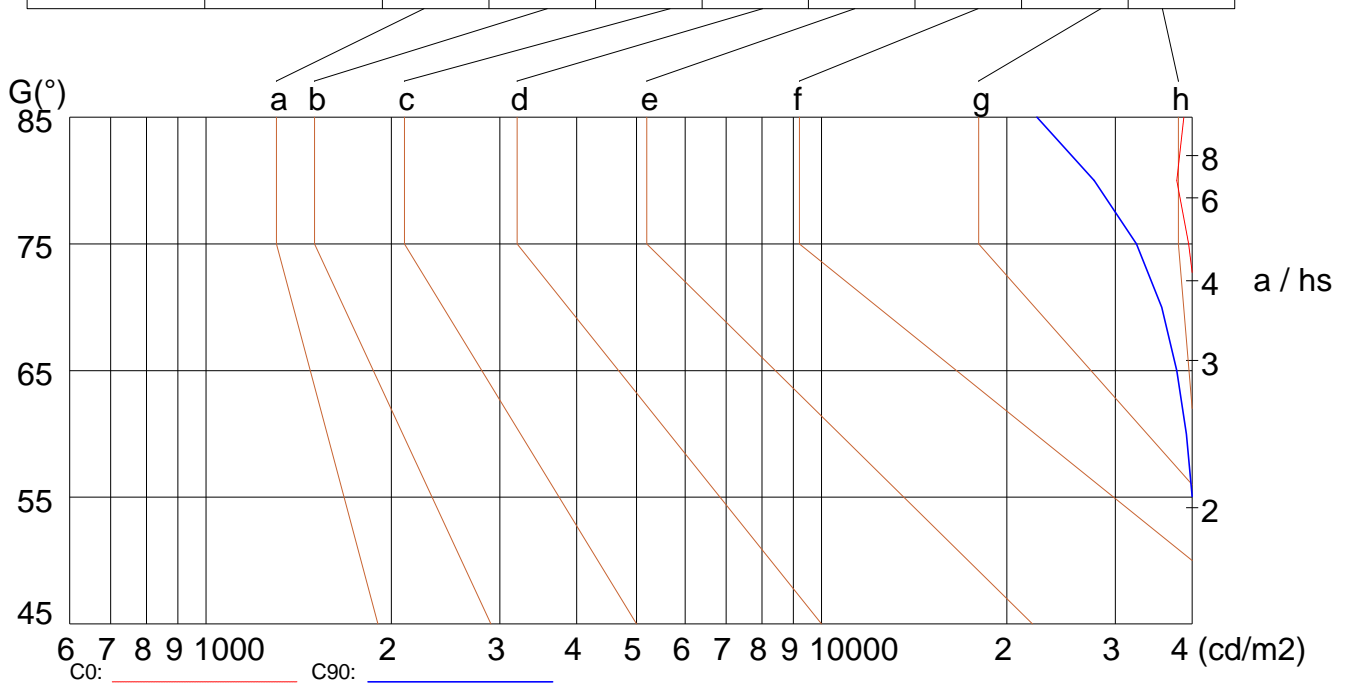
### Luminance Limiting Curve

Diameter: 0mm  
 Length: 1000mm  
 Width: 10mm  
 Height: 3mm

(cd/m<sup>2</sup>)

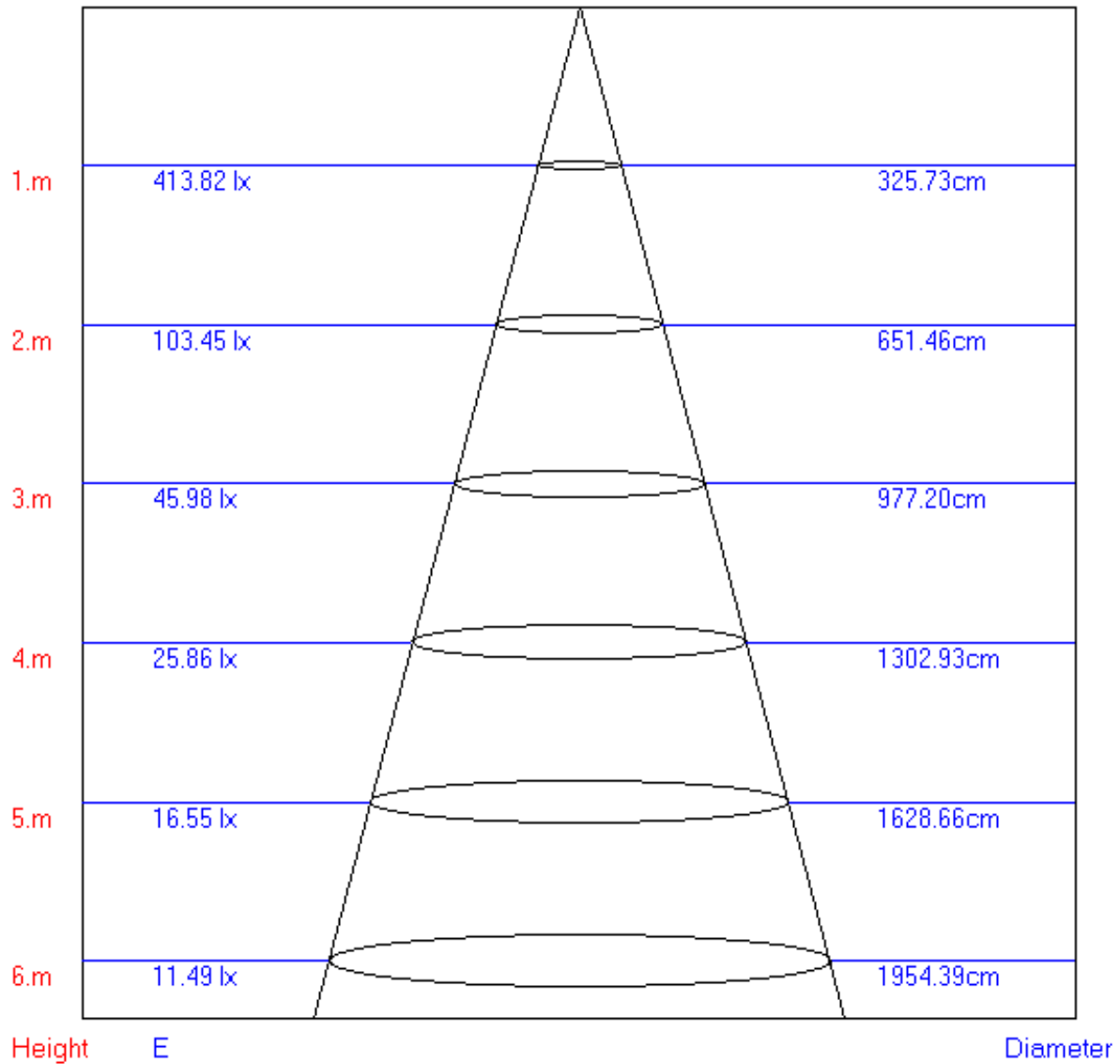
$\gamma$	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	42200	42302	42096	41838	41361	40617	39499	37783	38747
C90	40905	40555	40009	39152	37769	35694	32455	27717	22374

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:116.10°

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

