

Luminaire Property

Luminaire:

Report NO.:

Test NO.:

Lamp: [LAMP] WS-TL-T815N20R-0002

Sum Lumens: 2694.38 lm

Number of Lamps: 1

Diameter: 0mm

Length: 1500mm

Photometric Type: Type C

Voltage: 221.7 V

Current: 0.0981 A

Power: 20.16 W

Power Factor: 0.927

Ballast Type:

Width: 26mm

Height: 26mm

Remark:

Photometric Results

Lumens: 2694.38 lm

Efficiency: 100%

Central Intensity: 514.705cd

Maximum Intensity: 519.61cd

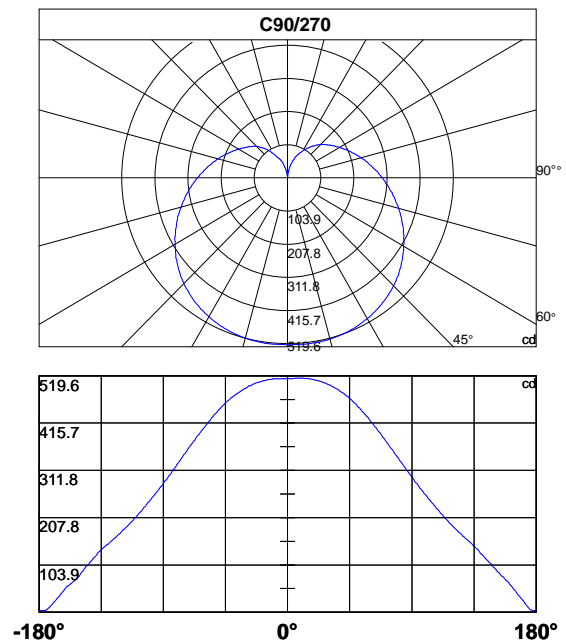
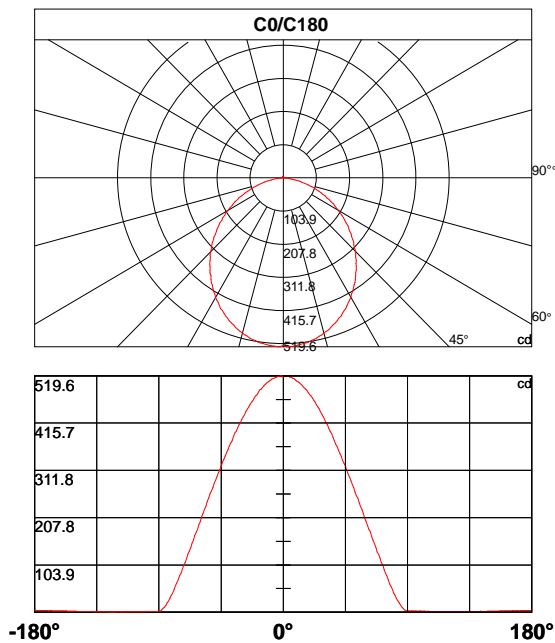
Beam Angle(10%): Left: -79.8 Right:77.7

Angle of maximum intensity: C:0.0 G:1.0

Half Peak Side Angle(50%): Left: -54.1 Right:51.6

Up Flux Rate: 24.13%

Down Flux Rate: 75.87%



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	514.7	519.6	519.4	518.7	517.7	517.0	515.5	514.0	512.9	510.4
30.0	514.7	512.7	512.5	511.8	511.5	510.8	509.7	508.7	507.6	506.7
60.0	514.7	515.0	515.0	514.8	514.8	514.7	514.7	514.5	514.3	513.8
90.0	514.7	513.3	513.3	513.4	513.6	513.8	514.1	514.1	514.3	514.3
120.0	514.7	510.6	510.4	510.4	510.3	509.7	509.5	509.2	508.7	508.1
150.0	514.7	515.2	515.0	514.1	514.1	512.7	511.7	510.8	509.5	507.8
180.0	514.7	519.4	519.3	518.5	517.7	516.8	515.4	513.8	512.7	510.4
210.0	514.7	512.7	512.5	512.2	511.3	511.0	510.4	509.4	508.3	506.9
240.0	514.7	515.0	515.2	515.0	514.7	514.8	514.5	514.0	513.6	513.3
270.0	514.7	513.1	513.1	513.3	513.3	513.3	513.4	513.3	513.3	512.7
300.0	514.7	510.8	510.8	510.8	510.8	510.4	510.6	510.1	510.1	509.5
330.0	514.7	515.2	515.0	514.5	514.1	513.3	512.4	511.0	510.1	509.0
360.0	514.7	519.6	519.4	518.7	517.7	517.0	515.5	514.0	512.9	510.4

Cly	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	507.6	505.8	503.7	500.2	497.9	494.0	490.6	488.2	483.4	478.6
30.0	504.6	503.5	501.2	499.6	498.1	495.0	492.8	490.6	487.6	484.3
60.0	513.6	512.9	512.0	511.5	510.8	509.5	508.7	507.6	506.2	505.5
90.0	514.3	514.1	514.0	514.0	513.6	513.1	512.9	512.4	512.0	511.3
120.0	508.0	507.4	506.4	505.8	505.0	503.7	502.6	500.9	500.0	498.6
150.0	506.4	504.1	502.3	499.8	498.1	495.8	493.1	490.3	486.6	483.4
180.0	508.0	506.0	503.7	500.2	497.9	494.0	490.6	488.0	483.4	478.3
210.0	505.5	504.2	501.8	500.5	497.7	496.3	493.3	490.6	488.0	485.2
240.0	512.7	511.7	511.1	510.1	508.8	508.1	506.7	505.1	504.1	502.6
270.0	512.9	512.5	511.8	511.7	511.3	510.3	509.9	509.0	508.1	507.2
300.0	508.8	507.6	507.1	506.0	504.6	504.2	502.3	501.2	499.8	498.2
330.0	506.9	505.3	503.2	501.1	498.8	496.6	493.3	491.3	487.6	484.8
360.0	507.6	505.8	503.7	500.2	497.9	494.0	490.6	488.2	483.4	478.6

Cly	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	475.4	471.0	465.5	462.2	456.0	451.1	447.2	440.5	433.9	429.3
30.0	482.1	478.1	474.9	472.3	467.8	463.3	460.6	456.7	451.6	448.4
60.0	503.5	501.8	500.7	499.3	496.8	495.6	492.9	491.3	489.8	487.5
90.0	510.4	509.7	509.0	508.1	507.6	506.2	505.0	503.7	502.6	501.1
120.0	497.4	495.0	494.2	491.7	489.4	487.8	485.7	483.0	480.0	478.6
150.0	481.1	477.0	472.6	470.0	466.1	461.0	457.8	452.6	448.2	445.2
180.0	475.3	471.0	465.4	461.8	456.4	450.9	447.2	440.8	434.1	429.7
210.0	481.5	479.3	475.8	471.4	468.9	464.5	460.3	457.4	452.1	446.8
240.0	500.7	499.6	497.7	495.8	494.4	491.7	489.9	487.5	485.3	482.5
270.0	506.4	505.3	504.4	503.5	501.9	500.9	499.3	497.9	497.2	494.9
300.0	496.3	494.9	492.6	490.5	488.9	486.4	485.0	482.0	479.7	477.4
330.0	482.1	478.3	474.0	470.7	467.0	462.0	459.0	453.9	449.8	446.5
360.0	475.4	471.0	465.5	462.2	456.0	451.1	447.2	440.5	433.9	429.3

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	423.7	416.1	411.7	403.9	397.9	392.8	385.0	377.2	369.1	364.0
30.0	443.3	439.0	435.5	429.5	424.2	420.1	415.5	409.2	405.3	398.8
60.0	484.1	482.3	480.0	477.0	475.1	472.1	469.3	466.6	463.1	459.9
90.0	499.6	498.8	496.6	494.7	493.5	491.7	489.6	488.2	485.7	483.7
120.0	476.1	473.0	471.2	468.0	464.8	463.1	459.4	455.8	453.9	450.5
150.0	439.6	433.7	430.0	425.3	419.4	415.5	409.2	404.2	400.4	393.8
180.0	423.9	416.6	412.4	404.6	397.9	393.5	385.7	376.9	372.3	365.2
210.0	443.3	439.0	433.2	429.7	423.7	418.9	414.5	408.3	403.2	399.3
240.0	480.6	478.3	475.4	471.7	470.0	466.8	464.1	461.3	457.4	454.2
270.0	492.8	491.3	489.8	487.5	485.9	483.4	481.3	479.9	477.2	475.1
300.0	474.2	472.3	469.3	467.3	463.4	460.1	457.8	451.8	447.7	443.6
330.0	440.8	434.8	431.3	426.1	419.8	416.1	409.5	403.9	400.4	393.6
360.0	423.7	416.1	411.7	403.9	397.9	392.8	385.0	377.2	369.1	364.0

Cly	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	357.1	348.2	342.8	333.6	326.5	320.9	311.8	302.5	296.8	289.2
30.0	393.3	389.4	382.7	377.2	371.4	365.5	358.8	354.6	347.2	341.3
60.0	456.9	454.1	449.8	447.5	444.2	440.1	437.5	432.7	429.1	425.4
90.0	482.1	479.7	476.9	475.1	472.6	469.6	467.5	464.1	461.0	459.0
120.0	447.0	444.4	440.5	437.1	433.6	430.9	427.0	425.1	421.5	417.1
150.0	386.8	382.7	377.4	370.7	366.4	359.4	353.7	349.1	341.9	334.5
180.0	356.7	351.4	342.6	335.5	330.2	321.0	311.8	306.4	298.8	289.4
210.0	392.4	385.9	381.5	376.0	368.7	364.5	357.4	351.6	347.4	340.1
240.0	451.9	447.7	443.8	441.0	437.5	433.0	430.0	426.0	422.3	419.3
270.0	472.8	470.5	467.3	465.2	462.9	459.4	457.1	453.4	450.5	447.2
300.0	440.5	437.6	433.7	431.5	426.9	422.8	418.4	415.5	410.6	406.7
330.0	386.8	382.7	377.6	370.3	366.1	358.8	353.0	348.6	341.2	335.3
360.0	357.1	348.2	342.8	333.6	326.5	320.9	311.8	302.5	296.8	289.2

Cly	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	279.7	274.0	264.1	256.4	250.5	240.6	232.5	225.1	217.0	206.9
30.0	337.1	330.0	324.4	318.9	313.1	306.4	301.9	296.5	289.0	285.0
60.0	421.9	416.8	413.6	410.1	404.8	401.9	397.2	393.3	389.8	384.6
90.0	455.0	451.2	448.8	445.8	441.3	438.7	434.8	431.3	428.3	424.2
120.0	412.5	409.9	406.0	401.2	398.4	393.5	389.6	386.6	381.6	377.7
150.0	329.9	324.0	316.4	312.0	304.6	298.4	294.0	286.4	279.0	274.6
180.0	283.7	274.0	266.3	260.4	250.9	242.9	232.7	226.7	216.6	210.4
210.0	332.9	328.6	323.0	315.7	311.3	304.2	298.4	289.8	287.3	279.9
240.0	414.5	409.5	406.4	402.3	397.2	393.5	388.7	384.1	381.1	375.8
270.0	444.2	439.9	436.8	434.1	429.9	427.4	422.6	419.1	414.3	411.8
300.0	403.9	398.8	393.5	390.3	385.9	380.4	376.9	371.5	367.3	364.3
330.0	329.3	323.1	316.1	311.3	303.7	297.9	292.8	285.5	279.5	273.3
360.0	279.7	274.0	264.1	256.4	250.5	240.6	232.5	225.1	217.0	206.9

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	200.9	191.0	182.7	176.7	166.4	158.5	150.2	142.8	132.7	126.7
30.0	278.4	272.8	268.5	261.8	254.6	250.4	244.7	237.5	233.6	226.7
60.0	379.9	376.9	372.8	367.8	364.8	359.5	355.5	352.5	347.0	342.0
90.0	419.4	417.0	412.9	408.5	405.6	400.7	397.0	394.2	389.2	384.3
120.0	373.9	369.6	364.8	362.0	356.7	352.5	349.5	344.2	341.0	335.7
150.0	268.9	261.3	257.4	250.4	244.7	240.5	233.2	226.0	221.6	216.3
180.0	200.4	192.2	182.0	176.0	168.0	158.1	151.9	142.1	134.1	128.3
210.0	275.6	270.0	263.3	258.7	251.8	245.9	241.3	234.3	228.6	222.6
240.0	370.3	367.3	362.7	357.2	353.9	348.8	344.5	341.2	335.9	330.0
270.0	407.1	403.4	400.9	395.6	391.0	388.2	384.1	378.8	376.1	371.2
300.0	358.7	354.4	350.2	345.9	340.6	337.5	333.2	327.7	324.4	319.1
330.0	267.3	259.9	255.3	249.6	242.4	237.8	230.9	224.9	220.7	212.4
360.0	200.9	191.0	182.7	176.7	166.4	158.5	150.2	142.8	132.7	126.7

Cly	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	118.7	109.0	103.4	93.8	86.2	80.6	71.2	62.2	57.2	50.2
30.0	220.9	216.6	210.1	203.9	200.2	194.9	188.7	185.0	178.8	174.6
60.0	338.5	334.5	329.1	325.4	320.7	316.6	313.4	307.8	302.1	298.6
90.0	381.1	377.2	372.3	369.3	364.0	359.9	356.9	351.6	346.6	343.3
120.0	330.6	327.2	322.6	317.1	314.0	308.1	303.9	300.5	294.7	289.4
150.0	209.2	205.1	198.6	193.3	189.8	183.2	178.1	173.5	169.1	163.3
180.0	118.4	108.5	103.2	95.6	86.6	80.4	71.6	64.1	58.8	50.2
210.0	217.1	210.6	206.5	200.0	195.1	191.2	185.0	180.0	175.4	170.9
240.0	326.9	322.4	316.8	313.4	307.6	303.5	300.5	294.9	289.4	286.0
270.0	367.1	364.0	359.0	353.5	350.2	346.3	341.5	338.0	333.0	328.8
300.0	314.3	309.9	305.3	299.8	296.3	291.7	285.9	282.1	276.9	272.4
330.0	207.9	201.2	197.2	191.7	185.3	181.3	175.3	170.5	167.0	161.3
360.0	118.7	109.0	103.4	93.8	86.2	80.6	71.2	62.2	57.2	50.2

Cly	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	42.0	37.6	30.4	24.7	20.9	15.4	10.6	8.1	5.5	3.4
30.0	171.0	165.9	160.6	157.8	153.5	148.9	146.3	142.1	138.9	136.4
60.0	293.8	289.0	285.9	281.1	277.2	274.4	269.6	264.8	261.8	257.8
90.0	339.2	334.1	330.9	325.8	321.5	318.5	313.4	308.7	305.5	301.2
120.0	286.2	282.5	277.2	273.9	269.1	265.7	263.4	259.4	254.2	251.2
150.0	159.9	155.6	150.7	147.5	142.4	138.7	135.3	131.1	127.6	125.8
180.0	42.0	37.5	31.3	24.2	20.5	14.8	10.9	8.3	4.8	2.5
210.0	165.2	161.8	157.1	151.9	148.6	143.6	139.6	137.1	132.9	128.4
240.0	281.3	275.8	272.4	267.0	263.4	260.8	255.8	251.2	248.4	244.5
270.0	325.3	320.3	315.0	312.4	307.8	302.8	299.8	294.5	290.8	287.6
300.0	269.1	263.8	260.6	255.5	251.4	245.9	242.8	238.5	236.4	233.8
330.0	155.6	152.5	147.9	142.8	139.6	134.6	131.1	128.1	123.3	118.7
360.0	42.0	37.6	30.4	24.7	20.9	15.4	10.6	8.1	5.5	3.4

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	2.5	2.8	2.7	2.5	2.7	2.3	2.3	2.7
30.0	133.6	127.4	126.0	124.0	121.0	119.3	116.8	114.7	113.3	110.8
60.0	252.1	248.6	242.9	238.9	236.2	232.1	228.8	226.7	223.3	219.4
90.0	296.3	293.3	288.2	284.6	281.8	276.9	272.1	269.1	265.4	260.4
120.0	247.4	242.9	240.3	235.5	232.0	229.5	224.9	220.5	218.6	215.7
150.0	122.4	118.9	116.8	113.4	110.9	109.2	107.2	105.1	103.9	101.9
180.0	2.1	1.8	1.9	1.9	1.9	1.4	1.4	1.2	1.2	1.2
210.0	126.3	124.2	120.5	117.0	115.4	113.3	111.5	108.8	106.4	104.6
240.0	239.8	237.3	233.0	229.7	227.0	222.6	218.9	215.2	211.8	208.3
270.0	282.5	277.7	274.9	271.0	266.1	263.3	258.8	254.9	252.3	247.4
300.0	229.7	226.0	223.5	219.8	215.4	213.1	208.5	206.0	202.8	199.3
330.0	118.0	115.0	113.1	109.9	107.8	105.5	103.0	100.7	99.5	97.7
360.0	2.8	2.7	2.5	2.8	2.7	2.5	2.7	2.3	2.3	2.7

Cly	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	2.1	2.1	2.1	2.1	1.9	2.1	1.8	1.9	1.8	1.8
30.0	108.8	107.9	106.2	103.9	103.0	101.1	100.0	98.8	97.3	96.1
60.0	216.8	212.5	209.9	207.9	204.4	200.7	198.6	195.9	192.1	190.1
90.0	257.8	254.1	249.5	246.6	242.4	238.3	235.2	231.3	227.2	224.2
120.0	212.0	209.9	206.4	202.8	200.7	197.0	194.0	191.3	188.3	185.2
150.0	100.3	99.1	97.2	96.3	95.2	93.3	92.2	91.3	90.5	89.4
180.0	0.9	0.9	0.9	0.9	0.9	0.9	1.1	0.7	1.1	0.7
210.0	102.8	100.7	99.5	97.3	95.8	94.2	93.3	91.7	90.8	89.6
240.0	205.5	202.5	198.9	197.0	193.1	190.5	187.5	184.6	181.4	179.3
270.0	244.0	240.5	236.9	232.7	229.9	225.4	221.9	219.4	215.2	211.8
300.0	195.9	193.6	191.0	188.9	185.2	181.3	178.6	176.5	173.3	171.2
330.0	95.2	94.0	92.1	90.5	89.6	88.2	87.5	86.0	85.2	84.1
360.0	2.1	2.1	2.1	2.1	1.9	2.1	1.8	1.9	1.8	1.8

Cly	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	1.4	1.6	1.9	1.8	1.8	1.8	1.8	1.6	1.6	1.6
30.0	95.2	94.0	92.9	92.8	91.5	90.1	89.9	88.3	87.5	86.2
60.0	186.6	183.6	181.8	178.8	176.1	173.3	170.7	167.5	165.7	163.1
90.0	221.2	216.8	214.3	210.1	206.7	204.2	200.5	196.3	194.4	191.0
120.0	182.9	180.4	177.0	175.3	171.9	169.3	166.6	164.1	161.5	159.7
150.0	88.7	88.0	87.1	86.6	85.7	84.6	84.1	83.8	82.2	81.3
180.0	0.7	0.9	0.7	0.9	0.7	0.7	0.5	0.7	0.9	0.9
210.0	88.5	87.8	86.6	85.5	85.3	84.1	83.0	82.2	80.9	79.2
240.0	175.8	172.6	171.0	168.2	164.8	162.9	159.7	157.4	155.5	152.6
270.0	208.5	205.3	201.1	198.9	195.9	192.1	189.6	185.9	183.0	180.6
300.0	167.8	165.2	162.2	160.1	157.1	155.3	152.6	150.0	148.4	145.4
330.0	83.4	82.5	81.6	80.9	80.4	78.8	77.4	76.3	74.7	73.3
360.0	1.4	1.6	1.9	1.8	1.8	1.8	1.8	1.6	1.6	1.6

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	1.8	1.8	1.4	1.6	1.8	1.6	1.8	1.6	1.6	1.4
30.0	84.8	82.9	81.8	80.4	78.8	77.9	76.5	75.4	74.6	73.8
60.0	159.9	158.1	155.3	153.0	150.5	148.2	145.8	144.4	142.2	139.2
90.0	187.5	185.3	181.4	178.6	176.3	173.1	170.9	167.3	164.8	161.5
120.0	157.4	154.4	153.0	150.4	148.4	147.0	144.2	141.7	140.1	138.0
150.0	79.7	79.2	77.7	76.7	75.4	74.9	73.7	72.3	71.6	70.0
180.0	0.7	0.7	0.3	0.5	0.9	0.5	0.5	0.9	0.7	0.9
210.0	77.7	76.2	74.9	73.7	71.9	70.3	69.1	67.7	65.7	64.3
240.0	149.8	148.1	145.6	143.1	141.2	138.7	135.7	135.2	132.9	130.0
270.0	177.2	173.5	171.7	168.9	165.6	163.8	160.4	157.8	155.8	153.0
300.0	143.6	141.9	139.4	136.8	135.0	133.8	130.9	129.7	126.5	123.7
330.0	71.9	70.5	68.6	67.3	65.9	64.1	62.9	60.6	58.8	57.4
360.0	1.8	1.8	1.4	1.6	1.8	1.6	1.8	1.6	1.6	1.4

Cly	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	1.6	1.6	1.9	1.6	1.4	1.8	1.8	1.8	1.6	1.6
30.0	72.6	71.4	70.3	68.4	67.7	65.6	64.0	63.3	62.0	60.4
60.0	137.5	134.8	132.3	130.0	126.7	123.1	120.8	117.8	114.3	112.4
90.0	159.7	156.2	153.9	151.4	148.1	144.7	142.4	139.2	136.4	132.5
120.0	135.3	133.8	131.1	128.4	127.0	123.3	120.1	118.6	115.9	112.7
150.0	68.7	68.0	66.4	65.0	64.0	62.9	61.1	60.6	59.4	58.5
180.0	0.7	1.1	0.9	0.9	0.9	1.1	0.9	0.9	1.4	1.2
210.0	62.2	60.3	59.2	56.9	55.0	53.7	52.8	51.4	50.5	49.1
240.0	128.4	126.0	122.6	120.5	116.6	113.6	111.5	108.1	104.4	102.3
270.0	149.6	148.1	145.6	142.4	140.5	137.3	134.1	131.4	127.2	122.8
300.0	121.6	118.0	114.5	112.2	109.5	106.4	104.6	100.7	97.7	95.2
330.0	55.3	53.5	52.5	51.2	49.8	49.1	47.7	47.2	46.5	45.2
360.0	1.6	1.6	1.9	1.6	1.4	1.8	1.8	1.8	1.6	1.6

Cly	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	1.8	1.8	1.8	2.1	1.9	1.4	1.9	1.9	2.1	2.1
30.0	59.7	58.5	57.2	56.2	54.4	52.5	51.8	50.2	48.1	47.0
60.0	108.8	106.4	104.2	101.2	97.9	96.1	93.5	90.1	87.8	84.4
90.0	128.3	125.8	123.0	118.9	116.4	112.9	109.5	107.2	103.2	99.1
120.0	110.6	107.4	105.1	103.2	100.2	96.8	94.7	92.1	88.7	86.6
150.0	57.8	56.2	55.0	53.9	52.7	51.1	50.0	48.2	47.0	45.4
180.0	1.4	1.2	1.4	1.6	1.8	1.9	1.9	1.9	1.9	1.9
210.0	48.4	47.9	46.5	45.0	43.8	42.0	40.1	38.5	36.6	35.0
240.0	99.3	95.8	93.3	89.8	86.4	84.1	79.9	75.6	73.1	70.7
270.0	120.3	117.0	112.7	110.1	106.0	102.5	100.0	95.6	90.8	88.2
300.0	91.5	87.5	85.2	81.8	77.4	75.1	71.4	68.7	67.0	64.3
330.0	44.0	42.9	42.0	39.9	39.0	36.9	35.3	34.1	32.0	29.9
360.0	1.8	1.8	1.8	2.1	1.9	1.4	1.9	1.9	2.1	2.1

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	2.1	2.3	2.1	2.3	2.5	2.5	2.3	2.8	2.8	2.8
30.0	45.2	43.3	42.0	40.1	38.3	37.3	35.3	33.2	31.6	29.7
60.0	81.4	79.3	76.2	73.3	71.6	69.4	66.1	64.0	60.6	58.0
90.0	96.8	93.3	89.1	86.8	82.2	79.7	77.7	74.0	70.5	68.0
120.0	82.9	80.2	78.3	75.4	72.6	71.0	68.6	65.4	63.1	59.5
150.0	43.6	42.0	40.8	39.2	37.1	35.9	34.3	32.3	31.3	29.3
180.0	2.1	2.1	2.5	2.3	2.5	2.3	2.5	2.8	3.0	2.7
210.0	33.6	30.7	28.6	26.5	24.4	21.9	20.3	18.7	16.4	15.0
240.0	67.5	65.9	62.7	61.0	59.4	56.7	54.4	51.4	48.8	45.0
270.0	84.1	79.3	76.8	72.6	69.8	67.8	64.7	62.7	60.3	58.0
300.0	62.0	60.4	58.5	55.1	53.4	50.9	47.3	44.9	41.3	37.6
330.0	28.5	26.3	24.0	22.4	19.6	17.8	16.3	14.1	12.4	11.5
360.0	2.1	2.3	2.1	2.3	2.5	2.5	2.3	2.8	2.8	2.8

Cly	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	3.2	3.0	3.4	3.2	3.2	3.2	3.7	3.5	3.4	3.5
30.0	27.7	26.3	24.0	22.6	20.9	18.4	16.8	14.3	12.4	10.8
60.0	55.7	51.9	48.1	45.8	42.6	38.7	36.6	32.7	29.0	26.7
90.0	64.7	60.4	57.8	53.5	49.7	47.0	42.2	37.6	34.8	31.5
120.0	56.7	54.6	50.9	47.0	44.7	41.2	37.5	35.2	31.3	28.6
150.0	27.6	25.8	24.0	21.9	20.5	18.7	16.6	15.0	12.7	10.6
180.0	3.0	3.0	3.0	3.0	3.2	3.2	3.2	3.2	3.5	3.5
210.0	13.1	11.8	11.3	9.9	8.7	7.9	7.1	5.7	4.9	4.1
240.0	42.2	39.0	33.9	31.1	26.5	23.1	20.5	17.0	13.6	11.5
270.0	55.5	51.8	47.2	44.7	40.6	35.9	33.2	29.0	25.6	23.0
300.0	34.6	29.5	25.3	22.4	19.1	15.6	13.6	10.6	8.7	7.4
330.0	10.8	9.9	8.1	7.1	6.2	5.5	4.4	4.1	3.7	3.7
360.0	3.2	3.0	3.4	3.2	3.2	3.2	3.7	3.5	3.4	3.5

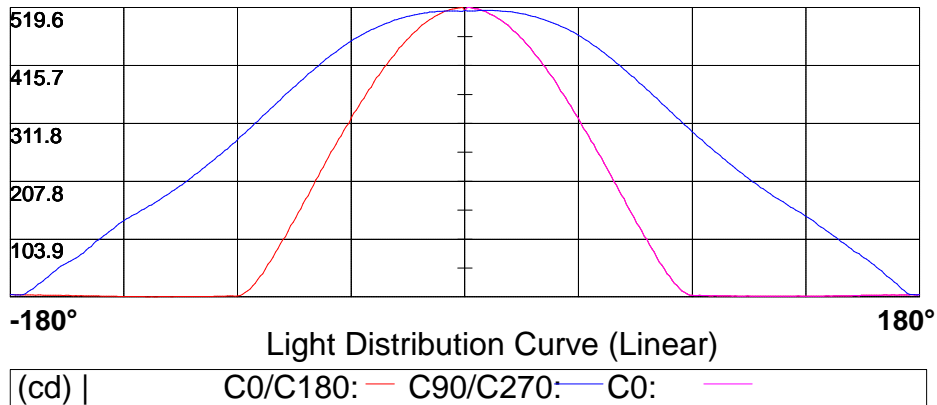
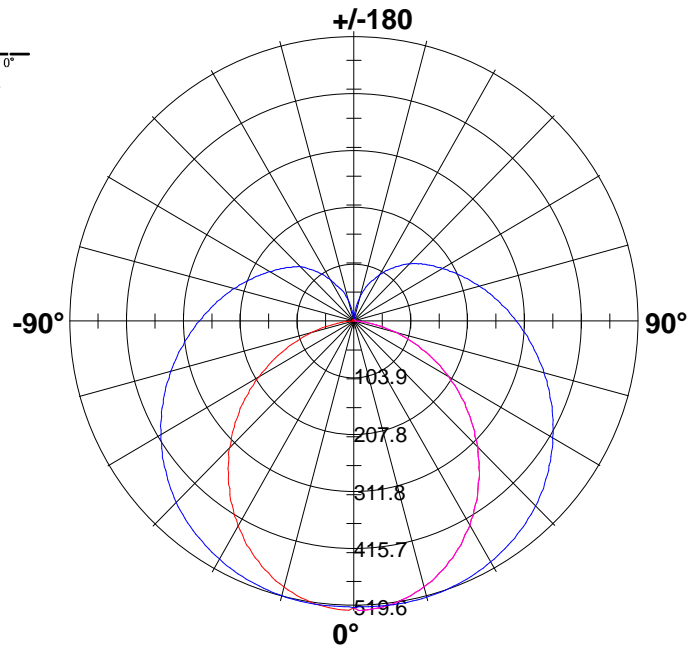
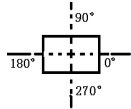
Cly	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	3.9	3.2	3.7	3.9	3.7	3.9	3.9	4.1	3.7	3.9
30.0	8.1	6.2	5.5	4.6	3.9	3.9	3.7	4.1	4.1	4.1
60.0	22.8	18.7	15.9	12.2	8.3	6.4	4.6	3.9	3.9	3.9
90.0	26.9	23.9	19.1	14.7	11.5	7.1	4.8	4.1	4.1	3.9
120.0	25.8	21.4	17.5	14.8	11.3	8.7	5.7	4.2	3.9	3.7
150.0	9.4	6.9	5.7	5.1	4.2	3.9	3.9	4.1	3.9	4.1
180.0	3.4	3.5	3.5	3.5	3.7	3.7	3.9	4.1	3.9	4.2
210.0	3.5	3.5	3.5	3.9	3.7	3.7	3.7	3.9	3.9	3.9
240.0	9.7	7.6	6.5	4.4	3.5	3.9	3.7	3.7	3.9	4.1
270.0	18.4	14.8	12.5	9.5	6.2	4.4	3.9	3.9	3.7	4.1
300.0	5.3	4.2	3.7	3.7	3.5	3.7	3.7	3.9	3.5	3.7
330.0	3.5	3.5	3.5	3.7	3.9	3.9	3.9	3.9	3.7	3.9
360.0	3.9	3.2	3.7	3.9	3.7	3.9	3.9	4.1	3.7	3.9

Photometric Data Table [cd]

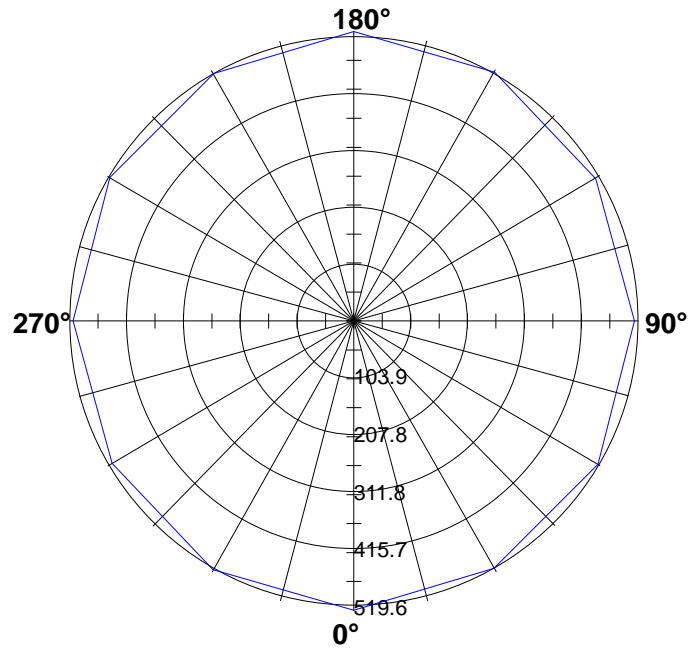
C_v	180.0
0.0	4.1
30.0	3.9
60.0	3.7
90.0	4.1
120.0	3.9
150.0	4.1
180.0	4.1
210.0	3.9
240.0	3.7
270.0	4.1
300.0	3.9
330.0	4.1
360.0	4.1

Light Distribution Curve [Unit: cd]

Luminaire



Max Plane Light Distribution Curve [Unit: cd]

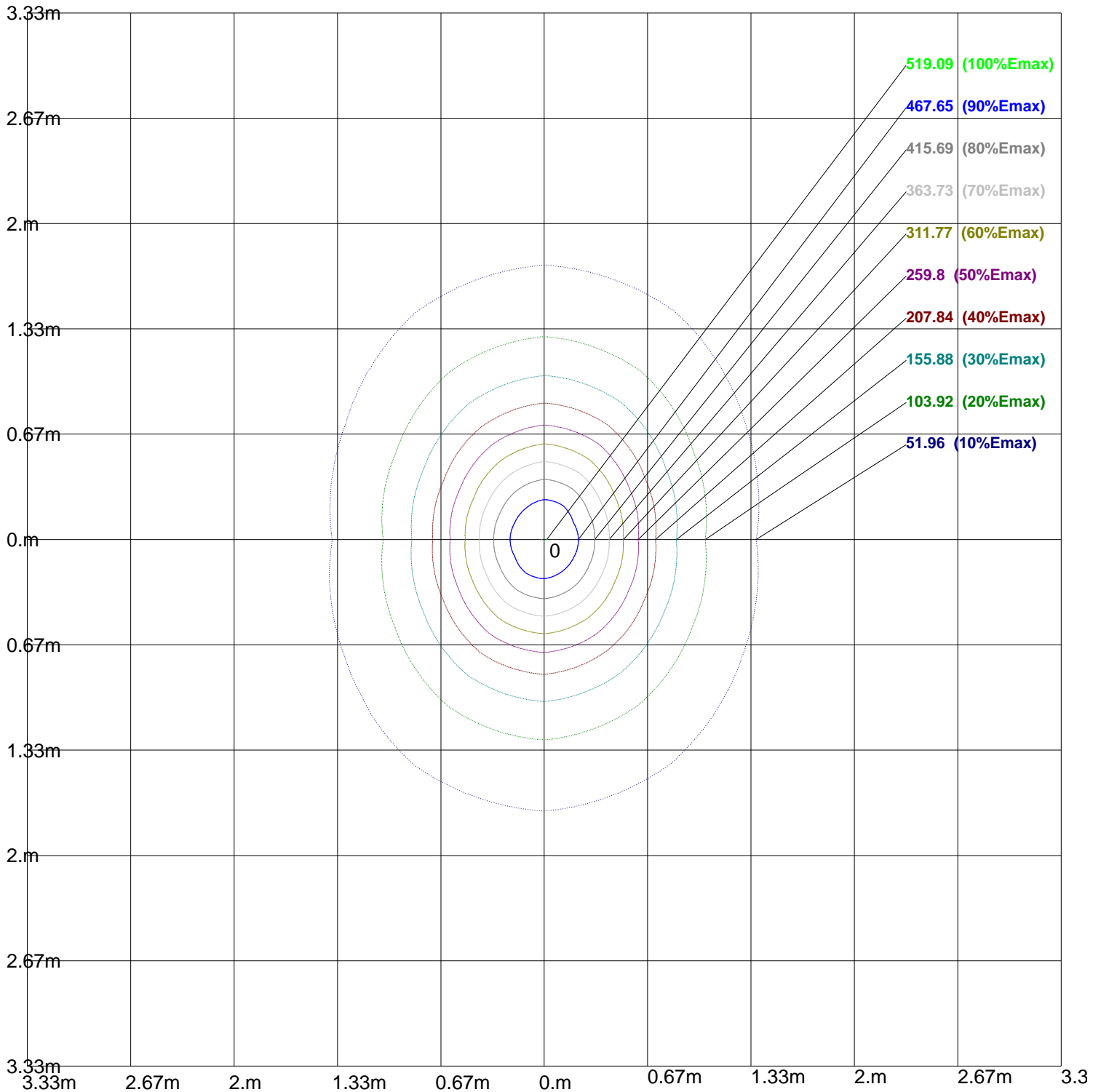


519.6						
415.7						
311.8						
207.8						
103.9						

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

(cd) | γ 1: —

Iso-Lux[lx]



Height: 1 m
Max Illuminance : 519.61lx

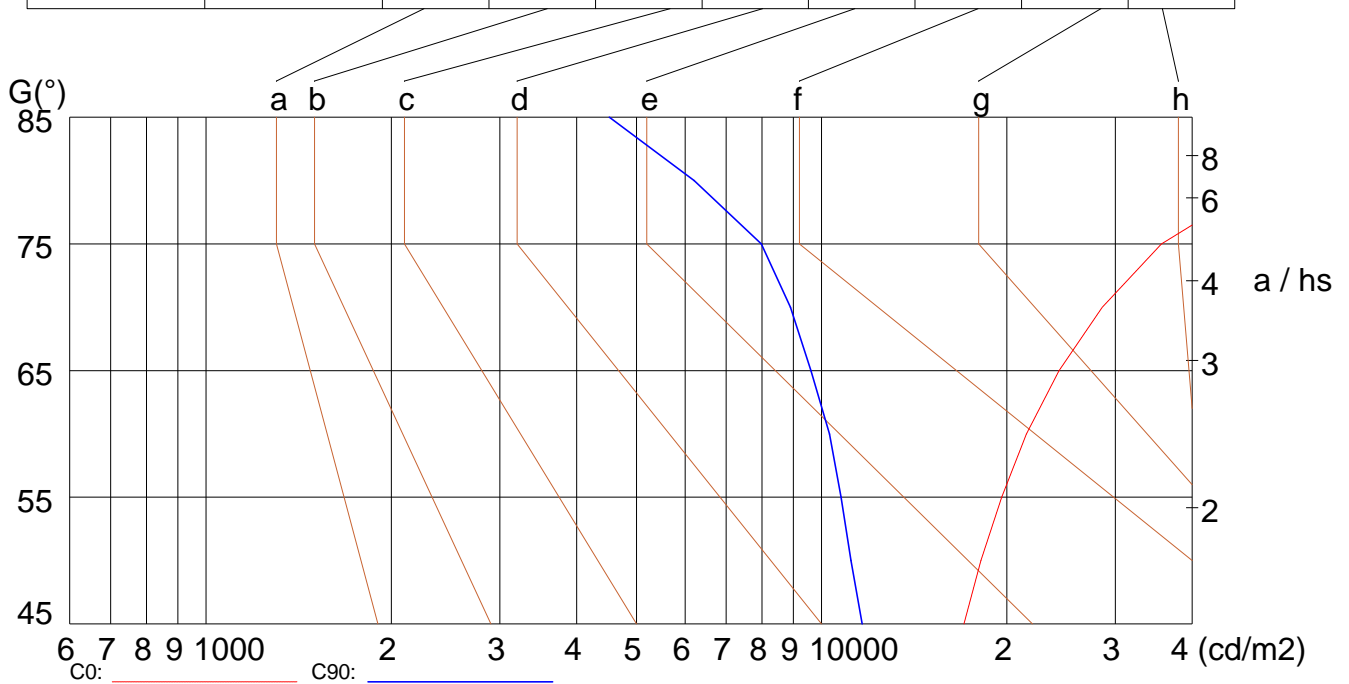
Luminance Limiting Curve

Diameter: 0mm
 Length: 1500mm
 Width: 26mm
 Height: 26mm

(cd/m²)

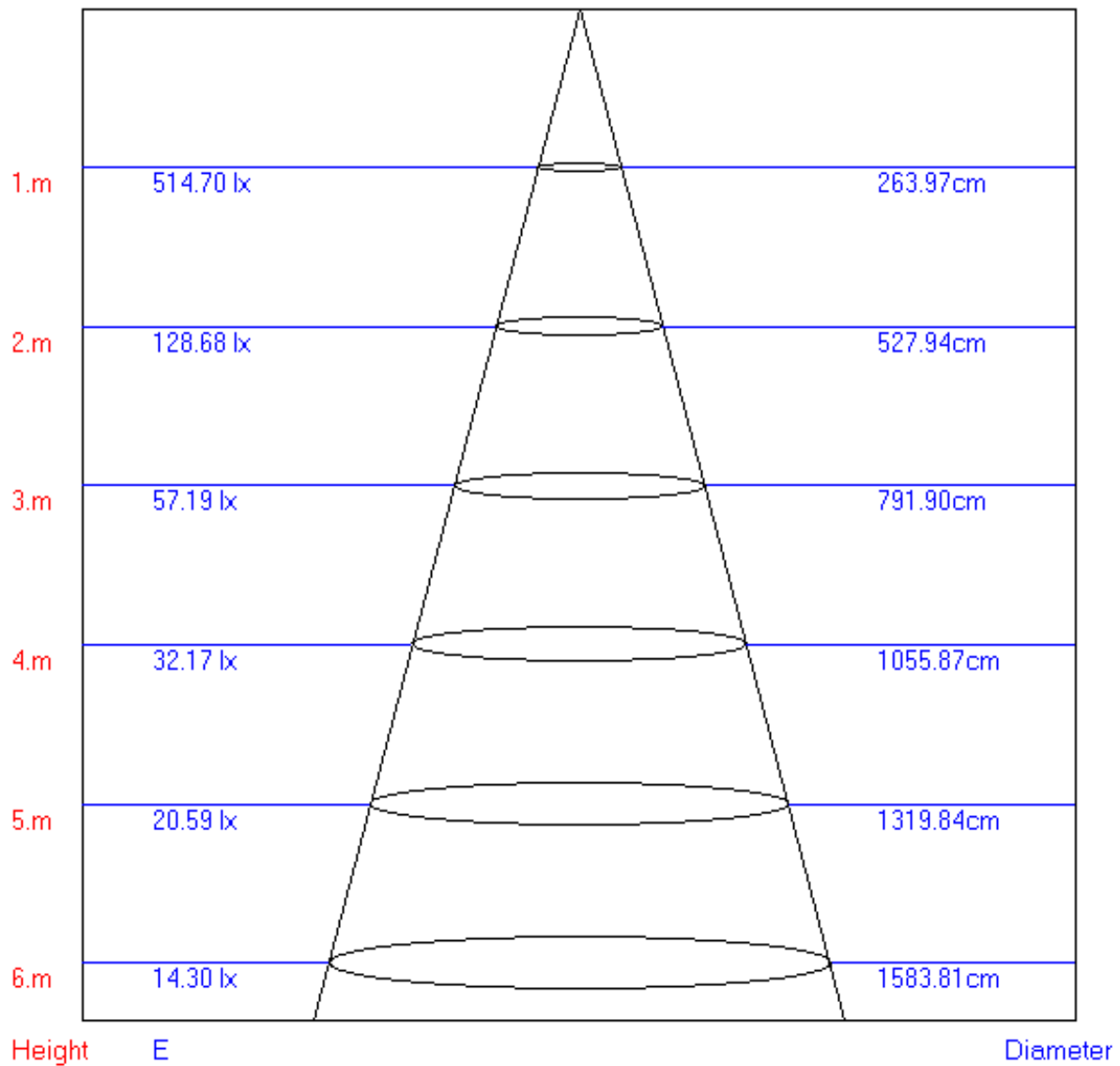
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	17029	18148	19611	21509	24312	28570	35654	50089	93717
C90	11635	11157	10758	10302	9615	8901	7982	6209	4522

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: 157.60°

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	1.01	0.99	0.98	1.00	0.98	0.96	0.97	0.94	0.92	0.92	0.90	0.87	0.86	0.84	0.81	0.76
2	0.88	0.85	0.83	0.87	0.84	0.82	0.85	0.81	0.78	0.82	0.78	0.74	0.77	0.73	0.69	0.65
3	0.78	0.75	0.73	0.78	0.74	0.72	0.76	0.72	0.69	0.74	0.69	0.65	0.71	0.66	0.61	0.57
4	0.70	0.67	0.66	0.70	0.67	0.64	0.70	0.65	0.62	0.68	0.63	0.59	0.65	0.60	0.55	0.51
5	0.64	0.62	0.60	0.65	0.61	0.59	0.64	0.60	0.56	0.63	0.58	0.54	0.61	0.55	0.51	0.47
6	0.60	0.57	0.56	0.60	0.57	0.55	0.60	0.56	0.52	0.59	0.54	0.50	0.58	0.52	0.47	0.44
7	0.56	0.54	0.52	0.56	0.53	0.51	0.57	0.52	0.49	0.56	0.51	0.47	0.55	0.49	0.44	0.41
8	0.53	0.51	0.50	0.53	0.50	0.49	0.54	0.49	0.46	0.53	0.48	0.44	0.52	0.47	0.42	0.39
9	0.51	0.49	0.47	0.51	0.48	0.46	0.51	0.47	0.44	0.51	0.46	0.42	0.50	0.44	0.40	0.37
10	0.49	0.47	0.46	0.49	0.46	0.45	0.49	0.45	0.43	0.49	0.44	0.41	0.48	0.43	0.39	0.36

