Luminaire Property

Luminaire:

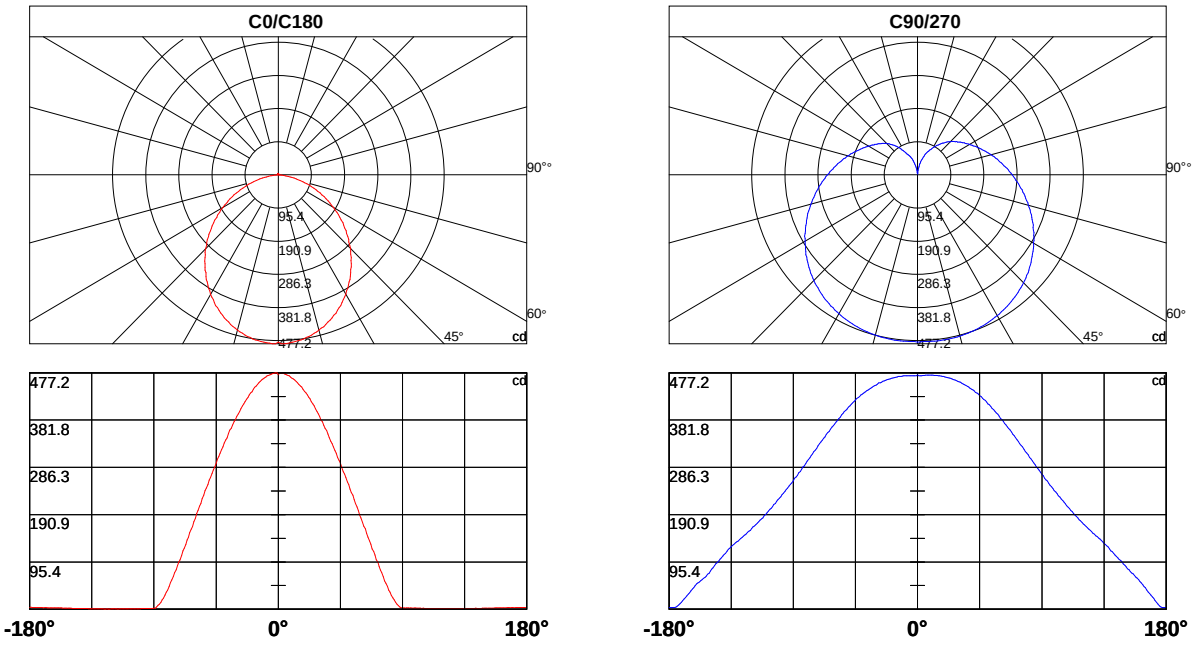
Report NO.:
Test NO.:
Lamp: [LAMP] WS-TL-T812N18R-0002
Sum Lumens: 2474.27 lm
Number of Lamps: 1
Diameter: 0mm
Length: 1200mm
Photometric Type: Type C

Voltage: 221.7 V
Current: 0.0903 A
Power: 18.52 W
Power Factor: 0.925
Ballast Type:
Width: 26mm
Height: 26mm
Remark:

Photometric Results

Lumens: 2474.27 lm
Efficiency: 100%
Central Intensity: 472.655cd
Maximum Intensity: 477.16cd
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]

C\γ	0.0	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0
0.0	472.7	477.2	477.0	476.4	475.4	474.7	473.4	472.0	471.0	468.7
30.0	472.7	470.8	470.7	470.0	469.7	469.0	468.1	467.1	466.1	465.3
60.0	472.7	472.9	472.9	472.8	472.8	472.6	472.6	472.5	472.3	471.8
90.0	472.7	471.3	471.3	471.5	471.6	471.8	472.1	472.1	472.3	472.3
120.0	472.7	468.9	468.7	468.7	468.6	468.1	467.9	467.6	467.1	466.6
150.0	472.7	473.1	472.9	472.1	472.1	470.8	469.9	469.0	467.9	466.3
180.0	472.7	477.0	476.8	476.2	475.4	474.6	473.3	471.8	470.8	468.7
210.0	472.7	470.8	470.7	470.4	469.5	469.2	468.7	467.8	466.8	465.5
240.0	472.7	472.9	473.1	472.9	472.6	472.8	472.5	472.0	471.6	471.3
270.0	472.7	471.2	471.2	471.3	471.3	471.3	471.5	471.3	471.3	470.8
300.0	472.7	469.0	469.0	469.0	469.0	468.7	468.9	468.4	468.4	467.9
330.0	472.7	473.1	472.9	472.5	472.1	471.3	470.5	469.2	468.4	467.4
360.0	472.7	477.2	477.0	476.4	475.4	474.7	473.4	472.0	471.0	468.7

C\γ	10.0	11.0	12.0	13.0	14.0	15.0	16.0	17.0	18.0	19.0
0.0	466.1	464.5	462.6	459.3	457.2	453.6	450.5	448.3	443.9	439.5
30.0	463.4	462.4	460.3	458.8	457.4	454.6	452.5	450.5	447.8	444.7
60.0	471.6	471.0	470.2	469.7	469.0	467.9	467.1	466.1	464.8	464.2
90.0	472.3	472.1	472.0	472.0	471.6	471.2	471.0	470.5	470.2	469.5
120.0	466.5	466.0	465.0	464.5	463.7	462.6	461.6	460.0	459.1	457.9
150.0	465.0	462.9	461.3	459.0	457.4	455.3	452.8	450.2	446.8	443.9
180.0	466.5	464.7	462.6	459.3	457.2	453.6	450.5	448.1	443.9	439.2
210.0	464.2	463.0	460.8	459.6	457.0	455.8	453.0	450.5	448.1	445.5
240.0	470.8	469.9	469.4	468.4	467.3	466.6	465.3	463.9	462.9	461.6
270.0	471.0	470.7	470.0	469.9	469.5	468.6	468.2	467.4	466.6	465.8
300.0	467.3	466.1	465.6	464.7	463.4	463.0	461.3	460.3	459.0	457.5
330.0	465.5	464.0	462.1	460.1	458.0	456.1	453.0	451.2	447.8	445.2
360.0	466.1	464.5	462.6	459.3	457.2	453.6	450.5	448.3	443.9	439.5

C\γ	20.0	21.0	22.0	23.0	24.0	25.0	26.0	27.0	28.0	29.0
0.0	436.6	432.5	427.5	424.4	418.8	414.2	410.6	404.5	398.5	394.3
30.0	442.8	439.0	436.1	433.7	429.6	425.4	423.0	419.4	414.7	411.8
60.0	462.4	460.8	459.8	458.5	456.2	455.1	452.7	451.2	449.7	447.6
90.0	468.7	468.1	467.4	466.6	466.1	464.8	463.7	462.6	461.6	460.1
120.0	456.7	454.6	453.8	451.5	449.4	448.0	446.0	443.6	440.8	439.5
150.0	441.8	438.1	434.0	431.6	428.0	423.3	420.4	415.7	411.6	408.9
180.0	436.4	432.5	427.4	424.1	419.1	414.0	410.6	404.8	398.6	394.6
210.0	442.1	440.2	436.9	432.9	430.6	426.5	422.6	420.0	415.2	410.3
240.0	459.8	458.8	457.0	455.3	454.0	451.5	449.9	447.6	445.7	443.1
270.0	465.0	464.0	463.2	462.4	460.9	460.0	458.5	457.2	456.6	454.5
300.0	455.8	454.5	452.3	450.4	448.9	446.7	445.4	442.6	440.5	438.4
330.0	442.8	439.2	435.3	432.2	428.8	424.3	421.5	416.8	413.1	410.0
360.0	436.6	432.5	427.5	424.4	418.8	414.2	410.6	404.5	398.5	394.3

Photometric Data Table [cd]

C\γ	30.0	31.0	32.0	33.0	34.0	35.0	36.0	37.0	38.0	39.0
0.0	389.1	382.1	378.0	370.9	365.4	360.7	353.5	346.4	338.9	334.2
30.0	407.1	403.2	399.9	394.4	389.5	385.8	381.6	375.8	372.2	366.2
60.0	444.5	442.9	440.8	438.1	436.3	433.5	430.9	428.5	425.2	422.3
90.0	458.8	458.0	456.1	454.3	453.1	451.5	449.6	448.3	446.0	444.2
120.0	437.3	434.3	432.7	429.8	426.9	425.2	421.8	418.6	416.8	413.7
150.0	403.7	398.3	394.9	390.5	385.2	381.6	375.8	371.2	367.6	361.6
180.0	389.2	382.6	378.7	371.5	365.4	361.3	354.2	346.1	341.9	335.4
210.0	407.1	403.2	397.8	394.6	389.1	384.7	380.6	375.0	370.2	366.7
240.0	441.3	439.2	436.6	433.2	431.6	428.6	426.2	423.6	420.0	417.1
270.0	452.5	451.2	449.7	447.6	446.2	443.9	442.0	440.7	438.2	436.3
300.0	435.5	433.7	430.9	429.1	425.6	422.5	420.4	414.9	411.1	407.4
330.0	404.8	399.3	396.0	391.3	385.5	382.1	376.1	370.9	367.6	361.5
360.0	389.1	382.1	378.0	370.9	365.4	360.7	353.5	346.4	338.9	334.2

C\γ	40.0	41.0	42.0	43.0	44.0	45.0	46.0	47.0	48.0	49.0
0.0	327.9	319.8	314.8	306.3	299.8	294.6	286.4	277.8	272.6	265.6
30.0	361.2	357.6	351.4	346.4	341.0	335.7	329.5	325.6	318.8	313.5
60.0	419.6	417.0	413.1	411.0	407.9	404.1	401.7	397.3	394.1	390.7
90.0	442.8	440.5	437.9	436.3	434.0	431.3	429.3	426.2	423.3	421.5
120.0	410.5	408.0	404.5	401.4	398.1	395.7	392.1	390.4	387.1	383.1
150.0	355.1	351.4	346.6	340.4	336.5	330.0	324.8	320.6	313.9	307.1
180.0	327.6	322.7	314.6	308.1	303.2	294.8	286.4	281.3	274.4	265.8
210.0	360.4	354.3	350.3	345.3	338.6	334.7	328.2	322.9	319.0	312.3
240.0	415.0	411.1	407.6	405.0	401.7	397.7	394.9	391.2	387.8	385.0
270.0	434.2	432.1	429.1	427.2	425.1	421.8	419.7	416.3	413.7	410.6
300.0	404.5	401.9	398.3	396.2	392.0	388.3	384.2	381.6	377.1	373.5
330.0	355.1	351.4	346.7	340.1	336.2	329.5	324.2	320.1	313.3	307.9
360.0	327.9	319.8	314.8	306.3	299.8	294.6	286.4	277.8	272.6	265.6

C\γ	50.0	51.0	52.0	53.0	54.0	55.0	56.0	57.0	58.0	59.0
0.0	256.8	251.6	242.6	235.4	230.1	221.0	213.5	206.7	199.2	190.0
30.0	309.6	303.1	297.9	292.9	287.5	281.3	277.3	272.3	265.4	261.7
60.0	387.4	382.7	379.8	376.6	371.7	369.1	364.7	361.2	357.9	353.2
90.0	417.8	414.4	412.1	409.3	405.3	402.9	399.3	396.0	393.3	389.5
120.0	378.8	376.4	372.8	368.5	365.9	361.3	357.8	355.0	350.5	346.9
150.0	302.9	297.6	290.6	286.5	279.7	274.0	270.0	263.0	256.2	252.1
180.0	260.6	251.6	244.5	239.1	230.4	223.1	213.7	208.2	198.9	193.2
210.0	305.7	301.8	296.6	289.9	285.9	279.4	274.0	266.1	263.8	257.0
240.0	380.6	376.1	373.2	369.4	364.7	361.3	356.9	352.7	350.0	345.1
270.0	407.9	404.0	401.1	398.6	394.7	392.5	388.1	384.8	380.5	378.2
300.0	370.9	366.2	361.3	358.4	354.3	349.3	346.1	341.2	337.3	334.5
330.0	302.4	296.8	290.3	285.9	278.9	273.5	268.8	262.2	256.7	251.0
360.0	256.8	251.6	242.6	235.4	230.1	221.0	213.5	206.7	199.2	190.0

Photometric Data Table [cd]

C\γ	60.0	61.0	62.0	63.0	64.0	65.0	66.0	67.0	68.0	69.0
0.0	184.5	175.4	167.8	162.2	152.8	145.5	137.9	131.1	121.8	116.3
30.0	255.7	250.5	246.6	240.4	233.8	229.9	224.7	218.1	214.5	208.2
60.0	348.8	346.1	342.3	337.8	335.0	330.2	326.4	323.7	318.6	314.1
90.0	385.2	382.9	379.2	375.1	372.5	368.0	364.6	362.0	357.4	352.9
120.0	343.3	339.4	335.0	332.4	327.6	323.7	320.9	316.0	313.1	308.3
150.0	246.9	240.0	236.4	229.9	224.7	220.8	214.2	207.5	203.5	198.6
180.0	184.0	176.5	167.1	161.6	154.3	145.2	139.5	130.4	123.1	117.8
210.0	253.1	247.9	241.7	237.5	231.2	225.8	221.6	215.1	209.9	204.4
240.0	340.1	337.3	333.1	328.1	325.0	320.3	316.4	313.3	308.4	303.1
270.0	373.8	370.4	368.1	363.3	359.0	356.5	352.7	347.9	345.4	340.9
300.0	329.4	325.5	321.6	317.7	312.8	309.9	306.0	301.0	297.9	293.0
330.0	245.5	238.7	234.4	229.3	222.6	218.4	212.1	206.5	202.6	195.0
360.0	184.5	175.4	167.8	162.2	152.8	145.5	137.9	131.1	121.8	116.3

C\γ	70.0	71.0	72.0	73.0	74.0	75.0	76.0	77.0	78.0	79.0
0.0	109.0	100.1	94.9	86.2	79.2	74.0	65.4	57.1	52.6	46.1
30.0	202.8	198.9	192.9	187.2	183.8	179.0	173.3	169.9	164.2	160.3
60.0	310.9	307.1	302.3	298.9	294.5	290.7	287.8	282.6	277.4	274.2
90.0	350.0	346.4	341.9	339.1	334.2	330.5	327.7	322.9	318.3	315.2
120.0	303.6	300.5	296.3	291.2	288.3	283.0	279.1	276.0	270.6	265.8
150.0	192.1	188.4	182.4	177.5	174.3	168.3	163.5	159.3	155.3	149.9
180.0	108.7	99.6	94.8	87.8	79.5	73.8	65.7	58.9	54.0	46.1
210.0	199.4	193.4	189.7	183.7	179.1	175.6	169.9	165.3	161.1	156.9
240.0	300.1	296.1	290.9	287.8	282.5	278.7	276.0	270.8	265.8	262.7
270.0	337.1	334.2	329.7	324.6	321.6	318.0	313.6	310.4	305.8	301.9
300.0	288.6	284.6	280.4	275.3	272.1	267.9	262.5	259.1	254.2	250.2
330.0	191.0	184.8	181.1	176.0	170.2	166.5	160.9	156.6	153.3	148.1
360.0	109.0	100.1	94.9	86.2	79.2	74.0	65.4	57.1	52.6	46.1

C\γ	80.0	81.0	82.0	83.0	84.0	85.0	86.0	87.0	88.0	89.0
0.0	38.6	34.6	27.9	22.7	19.1	14.1	9.7	7.5	5.0	3.1
30.0	157.1	152.4	147.5	144.9	141.0	136.8	134.3	130.4	127.5	125.3
60.0	269.8	265.4	262.5	258.1	254.6	252.0	247.6	243.2	240.4	236.7
90.0	311.5	306.8	303.9	299.2	295.3	292.5	287.8	283.4	280.5	276.6
120.0	262.8	259.4	254.6	251.5	247.1	244.0	241.9	238.2	233.5	230.7
150.0	146.8	142.9	138.4	135.5	130.8	127.4	124.3	120.4	117.1	115.5
180.0	38.6	34.4	28.7	22.2	18.8	13.6	10.1	7.6	4.4	2.3
210.0	151.7	148.6	144.2	139.5	136.4	131.9	128.2	125.9	122.0	117.9
240.0	258.3	253.3	250.2	245.1	241.9	239.5	234.9	230.7	228.1	224.6
270.0	298.7	294.1	289.3	286.9	282.6	278.1	275.3	270.5	267.1	264.1
300.0	247.1	242.2	239.3	234.6	230.9	225.8	222.9	219.0	217.1	214.6
330.0	142.9	140.0	135.8	131.1	128.2	123.6	120.4	117.6	113.3	109.0
360.0	38.6	34.6	27.9	22.7	19.1	14.1	9.7	7.5	5.0	3.1

Photometric Data Table [cd]

C\γ	90.0	91.0	92.0	93.0	94.0	95.0	96.0	97.0	98.0	99.0
0.0	2.6	2.4	2.3	2.6	2.4	2.3	2.4	2.1	2.1	2.4
30.0	122.7	117.0	115.7	113.9	111.1	109.5	107.2	105.3	104.0	101.7
60.0	231.5	228.3	223.1	219.4	216.9	213.2	210.1	208.2	205.1	201.5
90.0	272.1	269.3	264.6	261.4	258.8	254.2	249.9	247.1	243.7	239.1
120.0	227.1	223.1	220.6	216.3	213.0	210.8	206.5	202.5	200.7	198.1
150.0	112.4	109.2	107.2	104.2	101.9	100.3	98.5	96.5	95.4	93.6
180.0	2.0	1.6	1.8	1.8	1.8	1.3	1.3	1.1	1.1	1.1
210.0	116.0	114.1	110.7	107.4	105.9	104.0	102.4	99.9	97.7	96.1
240.0	220.2	217.9	214.0	210.9	208.5	204.4	201.0	197.6	194.5	191.3
270.0	259.4	255.1	252.4	248.9	244.3	241.7	237.7	234.1	231.7	227.1
300.0	210.9	207.5	205.2	201.8	197.8	195.7	191.4	189.2	186.3	183.0
330.0	108.4	105.6	103.8	100.9	99.0	96.9	94.6	92.5	91.3	89.7
360.0	2.6	2.4	2.3	2.6	2.4	2.3	2.4	2.1	2.1	2.4

C\γ	100.0	101.0	102.0	103.0	104.0	105.0	106.0	107.0	108.0	109.0
0.0	2.0	2.0	2.0	2.0	1.8	2.0	1.6	1.8	1.6	1.6
30.0	99.9	99.1	97.5	95.4	94.6	92.8	91.8	90.7	89.4	88.3
60.0	199.1	195.2	192.8	191.0	187.7	184.3	182.4	179.9	176.4	174.6
90.0	236.7	233.3	229.1	226.5	222.6	218.9	215.9	212.4	208.6	205.9
120.0	194.7	192.8	189.5	186.3	184.3	180.9	178.1	175.7	172.9	170.0
150.0	92.2	91.0	89.2	88.4	87.4	85.7	84.7	83.9	83.1	82.1
180.0	0.8	0.8	0.8	0.8	0.8	0.8	1.0	0.6	1.0	0.6
210.0	94.4	92.5	91.3	89.4	87.9	86.5	85.7	84.2	83.4	82.3
240.0	188.7	185.9	182.7	180.9	177.3	174.9	172.1	169.6	166.6	164.7
270.0	224.1	220.8	217.6	213.7	211.1	207.0	203.8	201.5	197.6	194.5
300.0	179.9	177.8	175.4	173.4	170.0	166.5	164.0	162.1	159.2	157.2
330.0	87.4	86.3	84.5	83.1	82.3	81.0	80.3	79.0	78.2	77.2
360.0	2.0	2.0	2.0	2.0	1.8	2.0	1.6	1.8	1.6	1.6

C\γ	110.0	111.0	112.0	113.0	114.0	115.0	116.0	117.0	118.0	119.0
0.0	1.3	1.5	1.8	1.6	1.6	1.6	1.6	1.5	1.5	1.5
30.0	87.4	86.3	85.3	85.2	84.0	82.7	82.6	81.1	80.3	79.2
60.0	171.3	168.6	166.9	164.2	161.8	159.2	156.7	153.8	152.2	149.8
90.0	203.1	199.1	196.8	192.9	189.8	187.6	184.1	180.3	178.5	175.4
120.0	167.9	165.6	162.6	160.9	157.9	155.4	153.0	150.7	148.3	146.7
150.0	81.4	80.8	80.0	79.5	78.7	77.7	77.2	76.9	75.4	74.6
180.0	0.6	0.8	0.6	0.8	0.6	0.6	0.5	0.6	0.8	0.8
210.0	81.3	80.6	79.5	78.5	78.4	77.2	76.3	75.4	74.3	72.7
240.0	161.4	158.5	157.1	154.5	151.4	149.6	146.7	144.6	142.8	140.2
270.0	191.4	188.5	184.6	182.7	179.9	176.4	174.1	170.7	168.1	165.8
300.0	154.1	151.7	148.9	147.0	144.2	142.6	140.2	137.8	136.3	133.5
330.0	76.6	75.8	75.0	74.3	73.8	72.4	71.1	70.1	68.6	67.3
360.0	1.3	1.5	1.8	1.6	1.6	1.6	1.6	1.5	1.5	1.5

Photometric Data Table [cd]

C\γ	120.0	121.0	122.0	123.0	124.0	125.0	126.0	127.0	128.0	129.0
0.0	1.6	1.6	1.3	1.5	1.6	1.5	1.6	1.5	1.5	1.3
30.0	77.9	76.1	75.1	73.8	72.4	71.6	70.3	69.3	68.5	67.8
60.0	146.8	145.2	142.6	140.5	138.2	136.1	133.9	132.6	130.6	127.8
90.0	172.1	170.2	166.6	164.0	161.9	159.0	156.9	153.6	151.4	148.3
120.0	144.6	141.8	140.5	138.1	136.3	135.0	132.4	130.1	128.7	126.7
150.0	73.2	72.7	71.4	70.4	69.3	68.8	67.7	66.4	65.7	64.3
180.0	0.6	0.6	0.3	0.5	0.8	0.5	0.5	0.8	0.6	0.8
210.0	71.4	69.9	68.8	67.7	66.0	64.6	63.4	62.1	60.4	59.1
240.0	137.6	136.0	133.7	131.4	129.6	127.4	124.6	124.1	122.0	119.4
270.0	162.7	159.3	157.7	155.1	152.0	150.4	147.3	144.9	143.1	140.5
300.0	131.9	130.3	128.0	125.6	124.0	122.8	120.2	119.1	116.2	113.6
330.0	66.0	64.7	63.0	61.8	60.5	58.9	57.8	55.7	54.0	52.7
360.0	1.6	1.6	1.3	1.5	1.6	1.5	1.6	1.5	1.5	1.3

C\γ	130.0	131.0	132.0	133.0	134.0	135.0	136.0	137.0	138.0	139.0
0.0	1.5	1.5	1.8	1.5	1.3	1.6	1.6	1.6	1.5	1.5
30.0	66.7	65.6	64.6	62.8	62.1	60.2	58.7	58.1	57.0	55.5
60.0	126.2	123.8	121.5	119.4	116.3	113.1	111.0	108.2	105.0	103.2
90.0	146.7	143.4	141.3	139.0	136.0	132.9	130.8	127.8	125.3	121.7
120.0	124.3	122.8	120.4	117.9	116.7	113.3	110.3	108.9	106.4	103.5
150.0	63.1	62.5	61.0	59.7	58.7	57.8	56.1	55.7	54.5	53.7
180.0	0.6	1.0	0.8	0.8	0.8	1.0	0.8	0.8	1.3	1.1
210.0	57.1	55.3	54.3	52.2	50.5	49.3	48.5	47.2	46.4	45.1
240.0	117.9	115.7	112.6	110.7	107.1	104.3	102.4	99.3	95.9	93.9
270.0	137.4	136.0	133.7	130.8	129.0	126.1	123.1	120.7	116.8	112.8
300.0	111.6	108.4	105.1	103.0	100.6	97.7	96.1	92.5	89.7	87.4
330.0	50.8	49.2	48.2	47.0	45.8	45.1	43.8	43.3	42.7	41.5
360.0	1.5	1.5	1.8	1.5	1.3	1.6	1.6	1.6	1.5	1.5

C\γ	140.0	141.0	142.0	143.0	144.0	145.0	146.0	147.0	148.0	149.0
0.0	1.6	1.6	1.6	2.0	1.8	1.3	1.8	1.8	2.0	2.0
30.0	54.8	53.7	52.6	51.6	50.0	48.2	47.5	46.1	44.1	43.2
60.0	99.9	97.7	95.7	93.0	89.9	88.3	85.8	82.7	80.6	77.6
90.0	117.8	115.5	112.9	109.2	106.9	103.7	100.6	98.5	94.8	91.0
120.0	101.6	98.6	96.5	94.8	92.0	88.9	87.0	84.5	81.4	79.5
150.0	53.0	51.6	50.5	49.5	48.3	46.9	45.9	44.3	43.2	41.7
180.0	1.3	1.1	1.3	1.5	1.6	1.8	1.8	1.8	1.8	1.8
210.0	44.5	44.0	42.7	41.4	40.2	38.6	36.8	35.4	33.6	32.1
240.0	91.2	87.9	85.7	82.4	79.3	77.2	73.3	69.4	67.2	64.9
270.0	110.5	107.4	103.5	101.1	97.3	94.1	91.8	87.8	83.4	81.0
300.0	84.0	80.3	78.2	75.1	71.1	68.9	65.6	63.1	61.5	59.1
330.0	40.4	39.4	38.6	36.7	35.9	33.9	32.5	31.3	29.4	27.4
360.0	1.6	1.6	1.6	2.0	1.8	1.3	1.8	1.8	2.0	2.0

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	2.0	2.1	2.0	2.1	2.3	2.3	2.1	2.6	2.6	2.6
30.0	41.5	39.8	38.6	36.8	35.2	34.2	32.5	30.5	29.0	27.3
60.0	74.8	72.8	69.9	67.3	65.7	63.8	60.7	58.7	55.7	53.2
90.0	88.9	85.7	81.8	79.7	75.4	73.2	71.4	68.0	64.7	62.5
120.0	76.1	73.7	71.9	69.3	66.7	65.2	63.0	60.0	57.9	54.7
150.0	40.1	38.6	37.5	36.0	34.1	32.9	31.5	29.7	28.7	26.9
180.0	2.0	2.0	2.3	2.1	2.3	2.1	2.3	2.6	2.8	2.4
210.0	30.8	28.2	26.3	24.3	22.4	20.1	18.7	17.2	15.1	13.8
240.0	62.0	60.5	57.6	56.0	54.5	52.1	50.0	47.2	44.8	41.4
270.0	77.2	72.8	70.6	66.7	64.1	62.3	59.4	57.6	55.3	53.2
300.0	57.0	55.5	53.7	50.6	49.0	46.7	43.5	41.2	38.0	34.6
330.0	26.1	24.2	22.1	20.6	18.0	16.4	14.9	13.0	11.4	10.6
360.0	2.0	2.1	2.0	2.1	2.3	2.3	2.1	2.6	2.6	2.6

C\γ	160.0	161.0	162.0	163.0	164.0	165.0	166.0	167.0	168.0	169.0
0.0	2.9	2.8	3.1	2.9	2.9	2.9	3.4	3.2	3.1	3.2
30.0	25.5	24.2	22.1	20.8	19.1	16.9	15.4	13.1	11.4	9.9
60.0	51.1	47.7	44.1	42.0	39.1	35.5	33.6	30.0	26.6	24.5
90.0	59.4	55.5	53.0	49.2	45.6	43.2	38.8	34.6	32.0	28.9
120.0	52.1	50.1	46.7	43.2	41.0	37.8	34.4	32.3	28.7	26.3
150.0	25.3	23.7	22.1	20.1	18.8	17.2	15.3	13.8	11.7	9.7
180.0	2.8	2.8	2.8	2.8	2.9	2.9	2.9	2.9	3.2	3.2
210.0	12.0	10.9	10.4	9.1	7.9	7.3	6.5	5.2	4.5	3.7
240.0	38.8	35.9	31.1	28.6	24.3	21.3	18.8	15.6	12.5	10.6
270.0	50.9	47.5	43.3	41.0	37.3	32.9	30.5	26.6	23.5	21.1
300.0	31.8	27.1	23.2	20.6	17.5	14.3	12.5	9.7	7.9	6.8
330.0	9.9	9.1	7.5	6.5	5.7	5.0	4.1	3.7	3.4	3.4
360.0	2.9	2.8	3.1	2.9	2.9	2.9	3.4	3.2	3.1	3.2

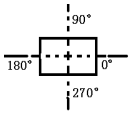
C\γ	170.0	171.0	172.0	173.0	174.0	175.0	176.0	177.0	178.0	179.0
0.0	3.6	2.9	3.4	3.6	3.4	3.6	3.6	3.7	3.4	3.6
30.0	7.5	5.7	5.0	4.2	3.6	3.6	3.4	3.7	3.7	3.7
60.0	20.9	17.2	14.6	11.2	7.6	5.8	4.2	3.6	3.6	3.6
90.0	24.7	21.9	17.5	13.5	10.6	6.5	4.4	3.7	3.7	3.6
120.0	23.7	19.6	16.1	13.6	10.4	7.9	5.2	3.9	3.6	3.4
150.0	8.6	6.3	5.2	4.7	3.9	3.6	3.6	3.7	3.6	3.7
180.0	3.1	3.2	3.2	3.2	3.4	3.4	3.6	3.7	3.6	3.9
210.0	3.2	3.2	3.2	3.6	3.4	3.4	3.4	3.6	3.6	3.6
240.0	8.9	7.0	6.0	4.1	3.2	3.6	3.4	3.4	3.6	3.7
270.0	16.9	13.6	11.5	8.8	5.7	4.1	3.6	3.6	3.4	3.7
300.0	4.9	3.9	3.4	3.4	3.2	3.4	3.4	3.6	3.2	3.4
330.0	3.2	3.2	3.2	3.4	3.6	3.6	3.6	3.6	3.4	3.6
360.0	3.6	2.9	3.4	3.6	3.4	3.6	3.6	3.7	3.4	3.6

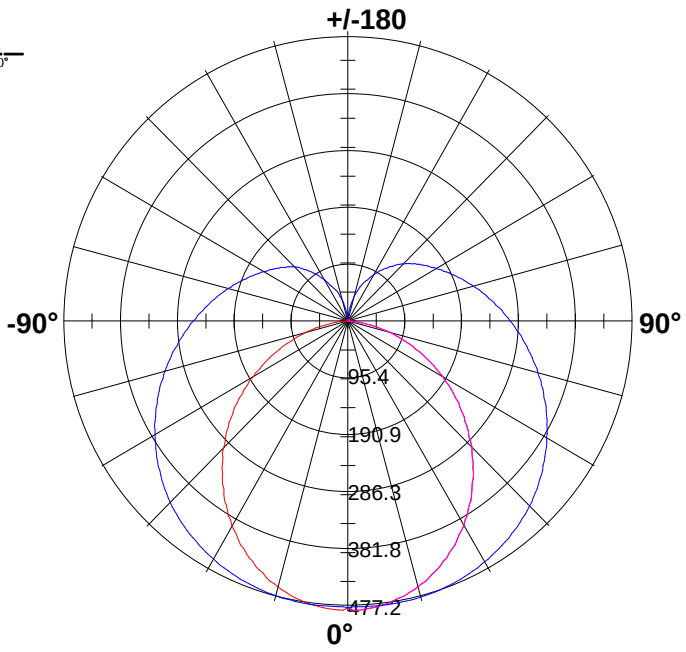
Photometric Data Table [cd]

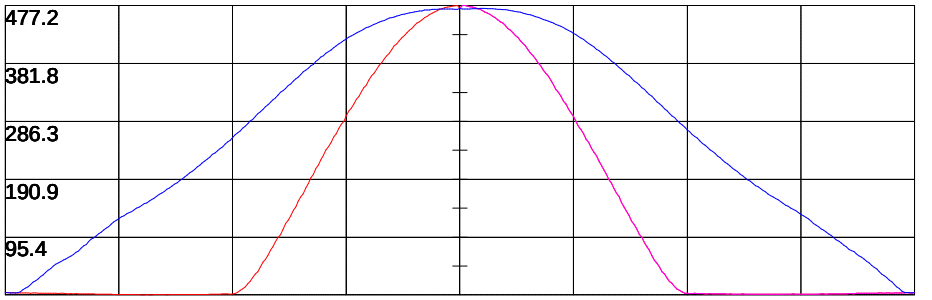
C\γ	180.0
0.0	3.7
30.0	3.6
60.0	3.4
90.0	3.7
120.0	3.6
150.0	3.7
180.0	3.7
210.0	3.6
240.0	3.4
270.0	3.7
300.0	3.6
330.0	3.7
360.0	3.7

Light Distribution Curve [Unit: cd]

Luminaire



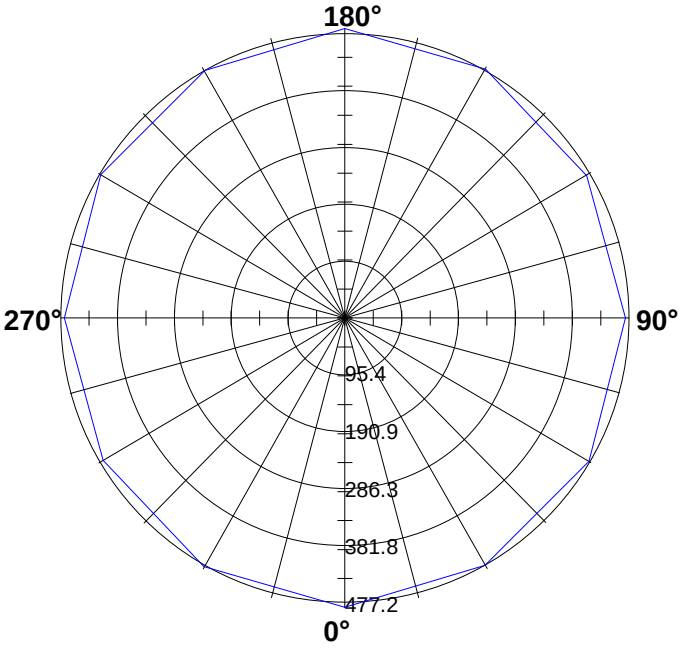


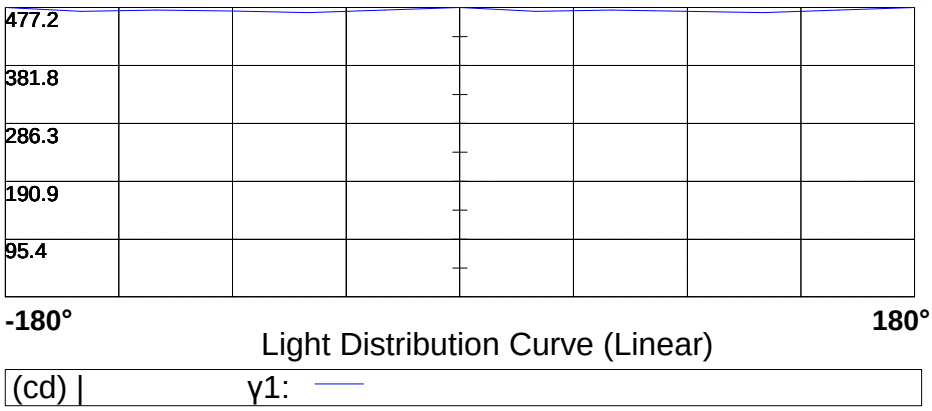


Light Distribution Curve (Linear)

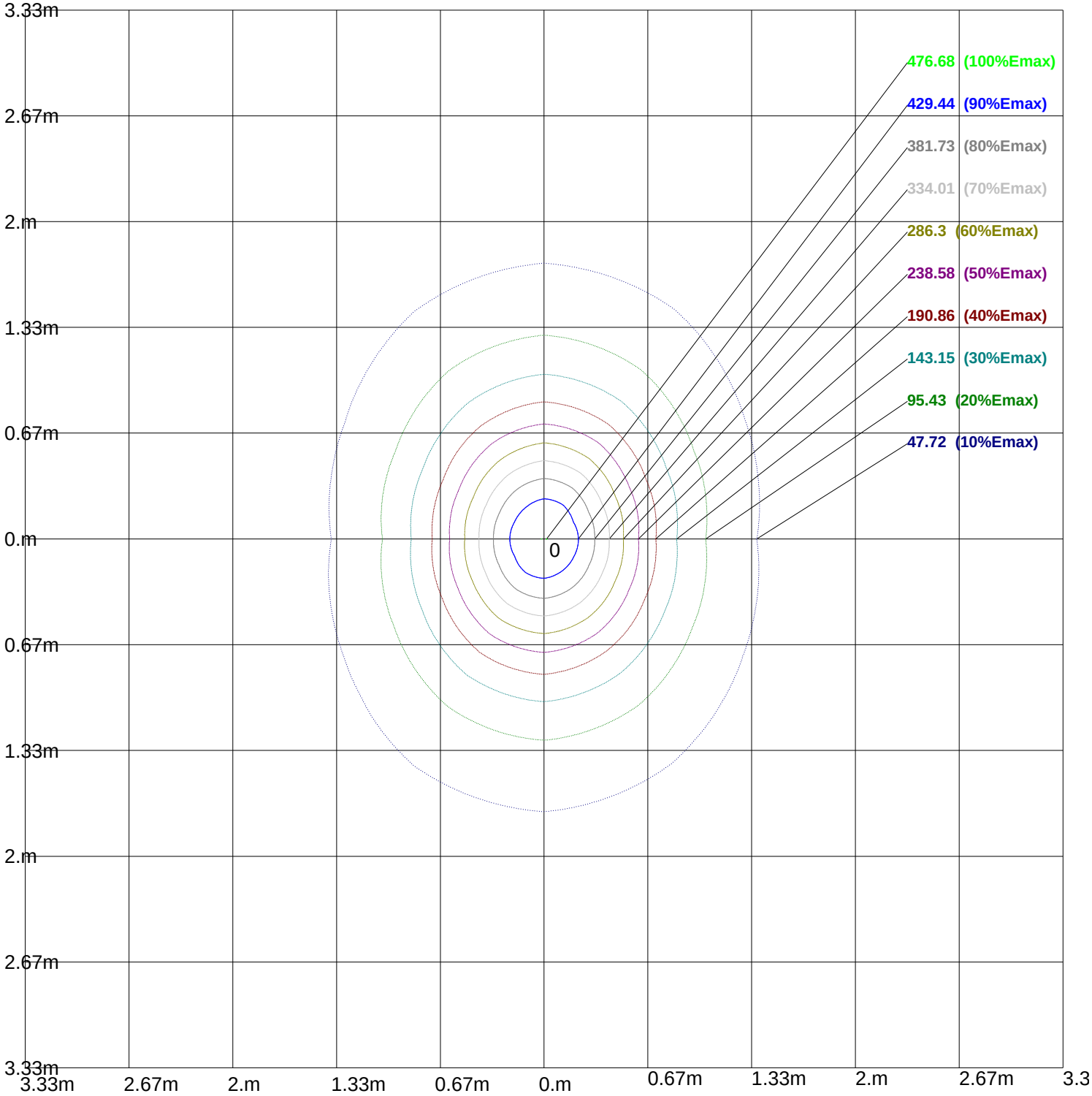
(cd) | C0/C180: C90/C270: C0:

Max Plane Light Distribution Curve [Unit: cd]





Iso-Lux[lx]



Height: 1 m
Max Illuminance : 477.16lx

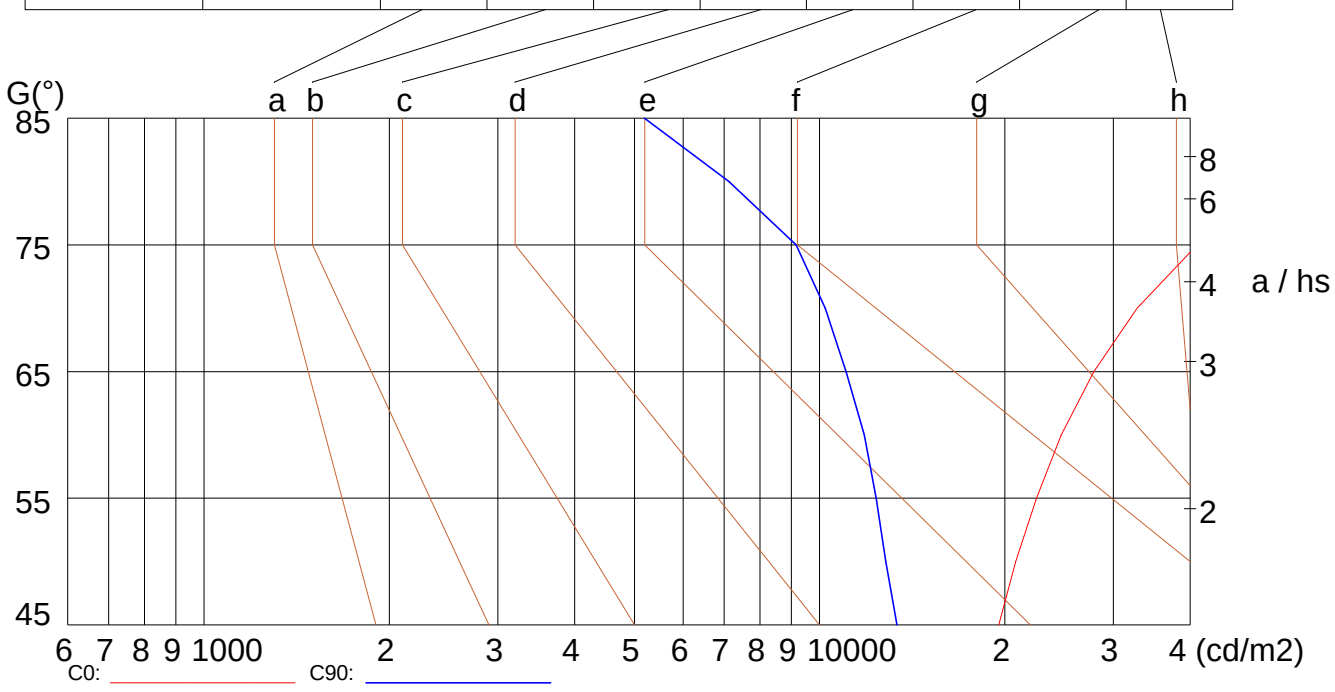
Luminance Limitting Curve

Diameter: 0mm
Length: 1200mm
Width: 26mm
Height: 26mm

(cd/m2)

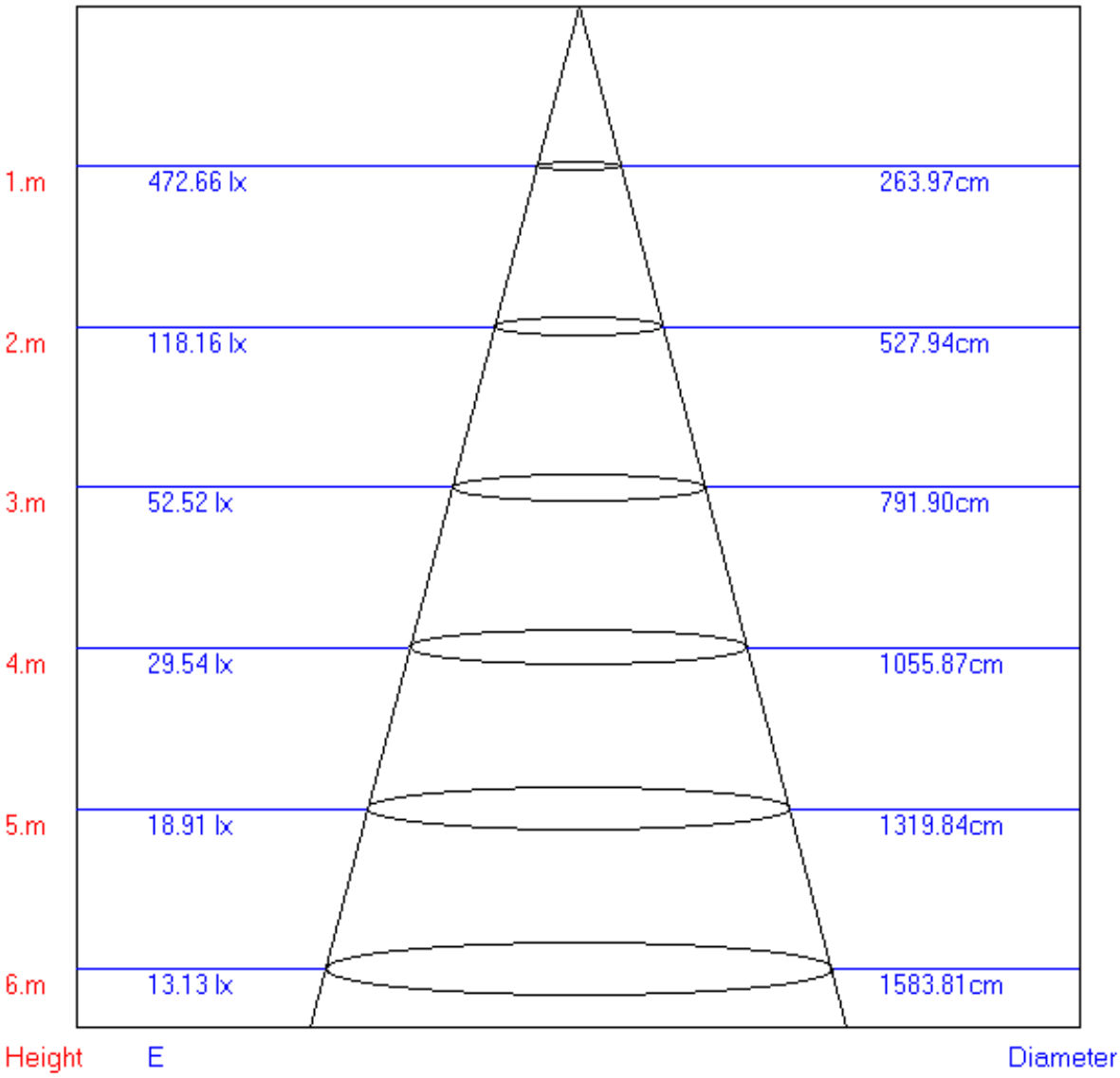
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	19547	20832	22511	24690	27907	32795	40927	57497	107577
C90	13355	12806	12348	11825	11037	10217	9161	7126	5193

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. Limitting Curve (C0/C90)

Lux-Distance Curve



Beam Angle:157.50°

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	COEFFCIENTS 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

Budgetary Estimate Chart			
Light Flux	2474.27 lmlm		
Maintenance	0.8/0.8		
Aver E	200lx		
Work Plane H	0		
Place Name	Cel	Wall	Floor
Reflect1	0.7	0.5	0.2
Reflect2	0.5	0.3	0.2