公司商标

公司名称
公司网址
公司电话
公司传真

Luminaire Property

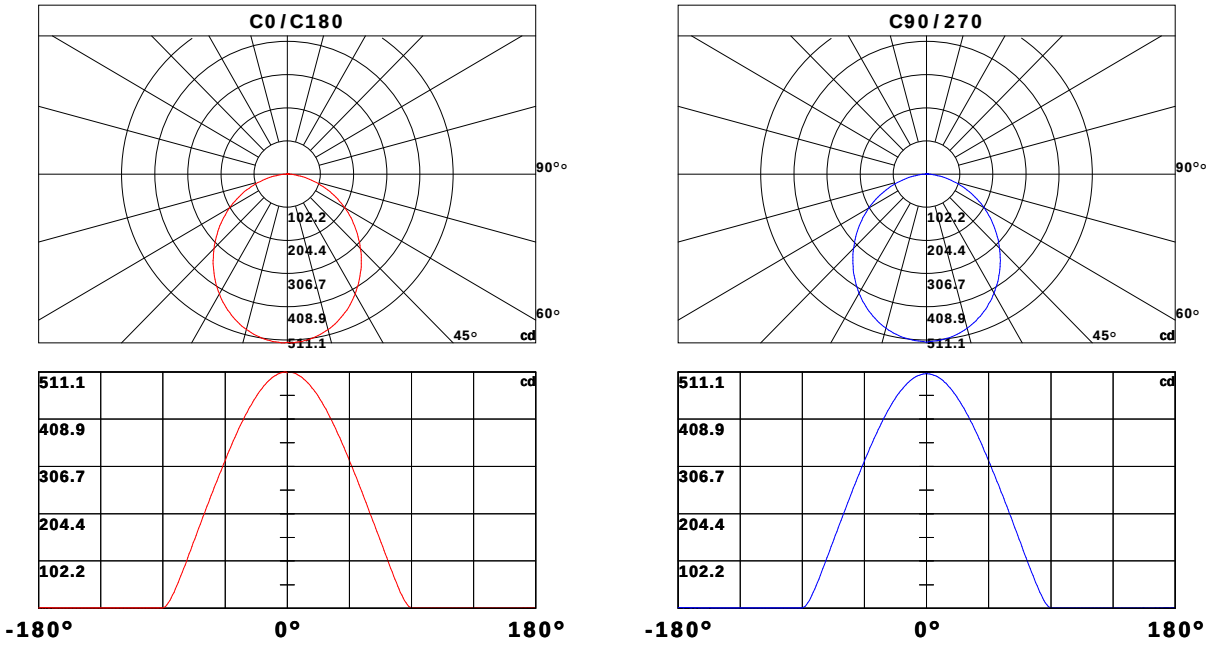
Luminaire Description: GW-1068S-12-WH-NW 003208
Luminaire Categorie:
Lamp Categorie:
Lamp Description:
Number of Lamp:
Lamp Lumens(lm): 1376.2
Luminous Length(m): 0.0
Luminous Width(m): 0.0
Luminous Height(m): 0.0

Voltage: 219.3 V
Current: 0.099 A
Power: 12.2 W
Power Factor: 0.558
Test Lab:
Photometric Type: Type C
Manufactory: GAAPRO LIGHTING CO.,LIMITED

Photometric Results

CIE Class: Direct
Measurement Flux: 1376.20 lm
Efficiency: 112.8033 lm/W
Central Intensity: 508.58cd
Max. Intensity: 511.056cd
Field Angle(10%Imax): Left: -80.6 Right:78.6

Max.Intensity Angle: C:0.0 G:1.0
Beam Angle(50%Imax): L: -54.6 R:52.6
Luminaire Efficacy Rating(LER) : 100.00%
Upward Ratio: 0.42%
Downward Ratio: 99.58%
Beamwidth(50%Imax): C0/180=107.11 C90/270=106.94



Light intensity data Unit[cd]

C\G	G0.0	G1.0	G2.0	G3.0	G4.0	G5.0	G6.0	G7.0	G8.0	G9.0
C0.0	508.6	511.1	510.9	510.4	509.6	508.6	507.4	506.0	504.3	502.6
C45.0	508.6	505.6	505.5	504.9	503.9	503.2	501.9	500.3	498.9	497.0
C90.0	508.6	506.8	506.6	506.1	505.2	504.2	503.3	501.6	500.2	498.3
C135.0	508.6	508.8	508.5	507.9	507.1	506.3	505.1	503.5	502.0	500.2
C180.0	508.6	511.1	510.9	510.4	509.6	508.6	507.4	506.0	504.3	502.6
C225.0	508.6	505.6	505.5	504.9	503.9	503.2	501.9	500.3	498.9	497.0
C270.0	508.6	506.8	506.6	506.1	505.2	504.2	503.3	501.6	500.2	498.3
C315.0	508.6	508.8	508.5	507.9	507.1	506.3	505.1	503.5	502.0	500.2
C360.0	508.6	511.1	510.9	510.4	509.6	508.6	507.4	506.0	504.3	502.6
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	500.3	498.1	495.7	492.9	490.2	487.2	483.9	480.3	476.6	472.7
C45.0	495.1	492.8	490.3	487.9	485.1	482.0	478.9	475.3	471.9	467.9
C90.0	496.3	494.0	491.9	489.0	486.2	483.3	479.8	476.5	473.0	469.1
C135.0	498.2	496.0	493.3	490.7	487.8	485.1	481.7	478.4	474.7	470.9
C180.0	500.3	498.1	495.7	492.9	490.2	487.2	483.9	480.3	476.6	472.7
C225.0	495.1	492.8	490.3	487.9	485.1	482.0	478.9	475.3	471.9	467.9
C270.0	496.3	494.0	491.9	489.0	486.2	483.3	479.8	476.5	473.0	469.1
C315.0	498.2	496.0	493.3	490.7	487.8	485.1	481.7	478.4	474.7	470.9
C360.0	500.3	498.1	495.7	492.9	490.2	487.2	483.9	480.3	476.6	472.7
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	468.5	464.5	460.0	455.2	450.7	445.8	440.6	435.4	430.3	424.2
C45.0	463.9	459.7	455.3	450.7	446.2	441.1	436.2	430.9	425.6	420.0
C90.0	465.0	461.0	456.5	452.1	447.4	442.6	437.4	432.6	427.2	421.5
C135.0	466.8	462.7	458.2	453.5	448.8	443.9	438.6	433.6	428.1	422.4
C180.0	468.5	464.5	460.0	455.2	450.7	445.8	440.6	435.4	430.3	424.2
C225.0	463.9	459.7	455.3	450.7	446.2	441.1	436.2	430.9	425.6	420.0
C270.0	465.0	461.0	456.5	452.1	447.4	442.6	437.4	432.6	427.2	421.5
C315.0	466.8	462.7	458.2	453.5	448.8	443.9	438.6	433.6	428.1	422.4
C360.0	468.5	464.5	460.0	455.2	450.7	445.8	440.6	435.4	430.3	424.2
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	418.7	413.2	406.8	400.9	394.9	387.9	381.7	375.4	368.6	361.7
C45.0	414.5	408.6	402.8	396.8	390.5	384.4	378.2	372.0	365.5	358.6
C90.0	416.1	410.7	404.4	398.4	392.4	386.2	379.7	373.5	366.9	359.9
C135.0	417.1	411.2	405.1	399.1	392.9	386.8	380.7	373.7	367.5	360.7
C180.0	418.7	413.2	406.8	400.9	394.9	387.9	381.7	375.4	368.6	361.7
C225.0	414.5	408.6	402.8	396.8	390.5	384.4	378.2	372.0	365.5	358.6
C270.0	416.1	410.7	404.4	398.4	392.4	386.2	379.7	373.5	366.9	359.9
C315.0	417.1	411.2	405.1	399.1	392.9	386.8	380.7	373.7	367.5	360.7
C360.0	418.7	413.2	406.8	400.9	394.9	387.9	381.7	375.4	368.6	361.7

Light intensity data Unit[cd]

C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	355.0	348.0	340.8	334.1	326.7	319.3	312.2	304.7	297.2	290.1
C45.0	352.0	345.2	338.1	331.3	324.2	316.7	309.8	302.3	294.9	287.7
C90.0	353.4	346.5	339.4	332.6	325.4	318.2	311.3	303.9	296.4	289.3
C135.0	354.3	347.1	340.0	333.3	326.1	318.5	311.4	304.1	296.5	289.1
C180.0	355.0	348.0	340.8	334.1	326.7	319.3	312.2	304.7	297.2	290.1
C225.0	352.0	345.2	338.1	331.3	324.2	316.7	309.8	302.3	294.9	287.7
C270.0	353.4	346.5	339.4	332.6	325.4	318.2	311.3	303.9	296.4	289.3
C315.0	354.3	347.1	340.0	333.3	326.1	318.5	311.4	304.1	296.5	289.1
C360.0	355.0	348.0	340.8	334.1	326.7	319.3	312.2	304.7	297.2	290.1
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	282.5	274.9	267.3	260.1	251.9	244.3	236.9	228.4	221.0	213.3
C45.0	280.1	272.4	265.0	257.2	250.0	242.2	234.3	226.9	219.2	211.2
C90.0	281.9	274.2	266.8	259.6	251.4	244.1	236.6	228.3	220.8	213.2
C135.0	281.6	274.3	266.6	258.5	251.2	243.4	235.6	228.1	220.3	212.7
C180.0	282.5	274.9	267.3	260.1	251.9	244.3	236.9	228.4	221.0	213.3
C225.0	280.1	272.4	265.0	257.2	250.0	242.2	234.3	226.9	219.2	211.2
C270.0	281.9	274.2	266.8	259.6	251.4	244.1	236.6	228.3	220.8	213.2
C315.0	281.6	274.3	266.6	258.5	251.2	243.4	235.6	228.1	220.3	212.7
C360.0	282.5	274.9	267.3	260.1	251.9	244.3	236.9	228.4	221.0	213.3
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	205.4	197.2	189.5	181.5	173.3	165.8	157.5	149.5	141.7	133.5
C45.0	203.8	195.9	188.5	180.5	172.5	164.8	156.7	148.6	140.8	132.7
C90.0	205.4	197.3	189.6	181.6	173.5	165.8	157.7	149.7	142.0	133.7
C135.0	204.9	197.1	189.4	181.4	173.4	165.7	157.4	149.3	141.5	133.3
C180.0	205.4	197.2	189.5	181.5	173.3	165.8	157.5	149.5	141.7	133.5
C225.0	203.8	195.9	188.5	180.5	172.5	164.8	156.7	148.6	140.8	132.7
C270.0	205.4	197.3	189.6	181.6	173.5	165.8	157.7	149.7	142.0	133.7
C315.0	204.9	197.1	189.4	181.4	173.4	165.7	157.4	149.3	141.5	133.3
C360.0	205.4	197.2	189.5	181.5	173.3	165.8	157.5	149.5	141.7	133.5
C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	125.4	117.6	109.5	101.4	93.7	86.1	78.0	70.4	63.1	55.3
C45.0	124.6	116.9	108.7	101.0	92.9	85.2	77.7	69.9	62.8	55.8
C90.0	125.5	117.9	109.7	101.7	93.9	86.0	78.0	70.6	63.3	55.4
C135.0	125.1	117.3	109.2	101.1	93.3	85.5	77.6	70.1	62.8	55.7
C180.0	125.4	117.6	109.5	101.4	93.7	86.1	78.0	70.4	63.1	55.3
C225.0	124.6	116.9	108.7	101.0	92.9	85.2	77.7	69.9	62.8	55.8
C270.0	125.5	117.9	109.7	101.7	93.9	86.0	78.0	70.6	63.3	55.4
C315.0	125.1	117.3	109.2	101.1	93.3	85.5	77.6	70.1	62.8	55.7
C360.0	125.4	117.6	109.5	101.4	93.7	86.1	78.0	70.4	63.1	55.3

Light intensity data Unit[cd]

C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	48.3	41.7	34.4	28.3	22.6	17.0	12.0	8.0	4.6	2.2
C45.0	48.6	42.1	35.8	30.0	24.6	19.7	15.3	12.0	9.2	6.4
C90.0	48.3	41.8	34.9	28.3	22.6	17.0	12.2	8.2	4.7	2.4
C135.0	48.6	41.7	35.6	29.6	24.2	19.3	14.8	11.3	8.7	6.1
C180.0	48.3	41.7	34.4	28.3	22.6	17.0	12.0	8.0	4.6	2.2
C225.0	48.6	42.1	35.8	30.0	24.6	19.7	15.3	12.0	9.2	6.4
C270.0	48.3	41.8	34.9	28.3	22.6	17.0	12.2	8.2	4.7	2.4
C315.0	48.6	41.7	35.6	29.6	24.2	19.3	14.8	11.3	8.7	6.1
C360.0	48.3	41.7	34.4	28.3	22.6	17.0	12.0	8.0	4.6	2.2
C\G	G90.0	G91.0	G92.0	G93.0	G94.0	G95.0	G96.0	G97.0	G98.0	G99.0
C0.0	0.9	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7
C45.0	4.5	2.8	1.4	0.8	0.8	0.7	0.7	0.7	0.7	0.7
C90.0	1.1	0.6	0.7	0.7	0.6	0.7	0.6	0.6	0.6	0.7
C135.0	4.2	2.5	1.3	0.8	0.7	0.6	0.7	0.7	0.7	0.7
C180.0	0.9	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7
C225.0	4.5	2.8	1.4	0.8	0.8	0.7	0.7	0.7	0.7	0.7
C270.0	1.1	0.6	0.7	0.7	0.6	0.7	0.6	0.6	0.6	0.7
C315.0	4.2	2.5	1.3	0.8	0.7	0.6	0.7	0.7	0.7	0.7
C360.0	0.9	0.7	0.7	0.6	0.6	0.7	0.7	0.7	0.7	0.7
C\G	G100.0	G101.0	G102.0	G103.0	G104.0	G105.0	G106.0	G107.0	G108.0	G109.0
C0.0	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
C45.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7
C90.0	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.7
C135.0	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7
C180.0	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
C225.0	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7
C270.0	0.6	0.6	0.6	0.7	0.6	0.7	0.7	0.7	0.7	0.7
C315.0	0.7	0.7	0.7	0.7	0.7	0.7	0.8	0.7	0.7	0.7
C360.0	0.8	0.7	0.6	0.7	0.7	0.7	0.7	0.7	0.7	0.7
C\G	G110.0	G111.0	G112.0	G113.0	G114.0	G115.0	G116.0	G117.0	G118.0	G119.0
C0.0	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8
C45.0	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8
C90.0	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9
C135.0	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	1.0	0.9
C180.0	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8
C225.0	0.8	0.8	0.8	0.8	0.8	0.9	0.8	0.8	0.8	0.8
C270.0	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.9	0.9	0.9
C315.0	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	1.0	0.9
C360.0	0.8	0.8	0.8	0.8	0.7	0.8	0.8	0.8	0.8	0.8

Light intensity data Unit[cd]

C\G	G120.0	G121.0	G122.0	G123.0	G124.0	G125.0	G126.0	G127.0	G128.0	G129.0
C0.0	0.8	0.9	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.9
C45.0	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9
C90.0	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
C135.0	0.8	0.9	0.9	0.9	0.8	0.9	0.8	0.9	1.0	1.0
C180.0	0.8	0.9	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.9
C225.0	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	1.0	0.9
C270.0	0.9	0.8	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.9
C315.0	0.8	0.9	0.9	0.9	0.8	0.9	0.8	0.9	1.0	1.0
C360.0	0.8	0.9	0.8	0.8	0.9	0.8	0.8	0.9	0.9	0.9
C\G	G130.0	G131.0	G132.0	G133.0	G134.0	G135.0	G136.0	G137.0	G138.0	G139.0
C0.0	0.9	0.9	0.9	1.0	0.9	0.9	1.0	1.0	0.9	0.9
C45.0	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
C90.0	1.0	0.9	1.0	1.0	0.9	1.0	1.1	1.0	0.9	1.1
C135.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.0
C180.0	0.9	0.9	0.9	1.0	0.9	0.9	1.0	1.0	0.9	0.9
C225.0	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
C270.0	1.0	0.9	1.0	1.0	0.9	1.0	1.1	1.0	0.9	1.1
C315.0	0.9	1.0	0.9	1.0	1.0	1.0	1.0	1.0	1.1	1.0
C360.0	0.9	0.9	0.9	1.0	0.9	0.9	1.0	1.0	0.9	0.9
C\G	G140.0	G141.0	G142.0	G143.0	G144.0	G145.0	G146.0	G147.0	G148.0	G149.0
C0.0	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.1
C45.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
C90.0	1.1	1.1	1.0	1.1	1.1	1.2	1.1	1.2	1.1	1.2
C135.0	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.2	1.1	1.1
C180.0	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.1
C225.0	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.2
C270.0	1.1	1.1	1.0	1.1	1.1	1.2	1.1	1.2	1.1	1.2
C315.0	1.0	1.0	1.1	1.1	1.1	1.0	1.1	1.2	1.1	1.1
C360.0	1.1	1.1	1.0	1.0	1.0	1.1	1.0	1.1	1.1	1.1
C\G	G150.0	G151.0	G152.0	G153.0	G154.0	G155.0	G156.0	G157.0	G158.0	G159.0
C0.0	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.1
C45.0	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2
C90.0	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.3
C135.0	1.1	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.2
C180.0	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.1
C225.0	1.2	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.2	1.2
C270.0	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.3
C315.0	1.1	1.2	1.2	1.1	1.1	1.2	1.2	1.2	1.3	1.2
C360.0	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.1	1.2	1.1

Light intensity data Unit[cd]

C\G	G160.0	G161.0	G162.0	G163.0	G164.0	G165.0	G166.0	G167.0	G168.0	G169.0
C0.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
C45.0	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.2
C90.0	1.3	1.2	1.2	1.2	1.3	1.3	1.4	1.3	1.3	1.3
C135.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
C180.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
C225.0	1.2	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.3	1.2
C270.0	1.3	1.2	1.2	1.2	1.3	1.3	1.4	1.3	1.3	1.3
C315.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
C360.0	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.3	1.2
C\G	G170.0	G171.0	G172.0	G173.0	G174.0	G175.0	G176.0	G177.0	G178.0	G179.0
C0.0	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.2
C45.0	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3
C90.0	1.3	1.2	1.3	1.3	1.4	1.3	1.3	1.4	1.3	1.3
C135.0	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3
C180.0	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.2
C225.0	1.3	1.3	1.3	1.3	1.3	1.3	1.4	1.3	1.3	1.3
C270.0	1.3	1.2	1.3	1.3	1.4	1.3	1.3	1.4	1.3	1.3
C315.0	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.3	1.3	1.3
C360.0	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.2	1.3	1.2
C\G	G180.0									
C0.0	1.3									
C45.0	1.2									
C90.0	1.4									
C135.0	1.3									
C180.0	1.3									
C225.0	1.2									
C270.0	1.4									
C315.0	1.3									
C360.0	1.3									

Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	508.58	0.00	0.00	0.00	0.00
0.0-1.0	508.08	0.49	0.49	0.04	0.04
1.0-2.0	507.87	1.46	1.94	0.11	0.14
2.0-3.0	507.33	2.43	4.37	0.18	0.32
3.0-4.0	506.47	3.39	7.77	0.25	0.56
4.0-5.0	505.57	4.35	12.12	0.32	0.88
5.0-6.0	504.41	5.31	17.43	0.39	1.27
6.0-7.0	502.85	6.25	23.68	0.45	1.72
7.0-8.0	501.35	7.19	30.87	0.52	2.24
8.0-9.0	499.55	8.11	38.98	0.59	2.83
9.0-10.0	497.48	9.02	48.00	0.66	3.49
10.0-11.0	495.22	9.92	57.92	0.72	4.21
11.0-12.0	492.80	10.80	68.72	0.78	4.99
12.0-13.0	490.13	11.66	80.39	0.85	5.84
13.0-14.0	487.33	12.51	92.90	0.91	6.75
14.0-15.0	484.39	13.34	106.24	0.97	7.72
15.0-16.0	481.08	14.15	120.38	1.03	8.75
16.0-17.0	477.65	14.93	135.31	1.08	9.83
17.0-18.0	474.05	15.69	151.01	1.14	10.97
18.0-19.0	470.15	16.43	167.43	1.19	12.17
19.0-20.0	466.05	17.14	184.57	1.25	13.41
20.0-21.0	461.95	17.82	202.39	1.29	14.71
21.0-22.0	457.51	18.48	220.86	1.34	16.05
22.0-23.0	452.87	19.10	239.97	1.39	17.44
23.0-24.0	448.28	19.70	259.67	1.43	18.87
24.0-25.0	443.36	20.27	279.94	1.47	20.34
25.0-26.0	438.21	20.81	300.75	1.51	21.85
26.0-27.0	433.10	21.32	322.07	1.55	23.40
27.0-28.0	427.81	21.80	343.87	1.58	24.99
28.0-29.0	422.03	22.23	366.10	1.62	26.60
29.0-30.0	416.59	22.64	388.74	1.65	28.25
30.0-31.0	410.90	23.03	411.77	1.67	29.92
31.0-32.0	404.75	23.37	435.14	1.70	31.62
32.0-33.0	398.78	23.67	458.81	1.72	33.34
33.0-34.0	392.69	23.95	482.76	1.74	35.08
34.0-35.0	386.33	24.19	506.95	1.76	36.84
35.0-36.0	380.07	24.40	531.36	1.77	38.61
36.0-37.0	373.64	24.58	555.94	1.79	40.40
37.0-38.0	367.11	24.72	580.66	1.80	42.19
38.0-39.0	360.22	24.83	605.49	1.80	44.00
39.0-40.0	353.66	24.90	630.39	1.81	45.81

Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	346.73	24.94	655.33	1.81	47.62
41.0-42.0	339.56	24.93	680.26	1.81	49.43
42.0-43.0	332.81	24.91	705.17	1.81	51.24
43.0-44.0	325.59	24.85	730.02	1.81	53.05
44.0-45.0	318.16	24.74	754.76	1.80	54.84
45.0-46.0	311.16	24.61	779.37	1.79	56.63
46.0-47.0	303.74	24.46	803.83	1.78	58.41
47.0-48.0	296.23	24.25	828.08	1.76	60.17
48.0-49.0	289.05	24.03	852.11	1.75	61.92
49.0-50.0	281.52	23.79	875.90	1.73	63.65
50.0-51.0	273.97	23.50	899.40	1.71	65.35
51.0-52.0	266.45	23.19	922.59	1.69	67.04
52.0-53.0	258.86	22.85	945.45	1.66	68.70
53.0-54.0	251.14	22.48	967.92	1.63	70.33
54.0-55.0	243.50	22.08	990.00	1.60	71.94
55.0-56.0	235.86	21.66	1011.66	1.57	73.51
56.0-57.0	227.94	21.21	1032.87	1.54	75.05
57.0-58.0	220.30	20.73	1053.60	1.51	76.56
58.0-59.0	212.63	20.24	1073.84	1.47	78.03
59.0-60.0	204.87	19.72	1093.56	1.43	79.46
60.0-61.0	196.88	19.17	1112.74	1.39	80.86
61.0-62.0	189.26	18.61	1131.34	1.35	82.21
62.0-63.0	181.26	18.02	1149.36	1.31	83.52
63.0-64.0	173.15	17.39	1166.75	1.26	84.78
64.0-65.0	165.51	16.76	1183.51	1.22	86.00
65.0-66.0	157.31	16.11	1199.62	1.17	87.17
66.0-67.0	149.26	15.42	1215.03	1.12	88.29
67.0-68.0	141.48	14.73	1229.76	1.07	89.36
68.0-69.0	133.26	14.02	1243.78	1.02	90.38
69.0-70.0	125.14	13.27	1257.05	0.96	91.34
70.0-71.0	117.42	12.54	1269.59	0.91	92.25
71.0-72.0	109.26	11.79	1281.37	0.86	93.11
72.0-73.0	101.28	11.01	1292.38	0.80	93.91
73.0-74.0	93.44	10.24	1302.62	0.74	94.65
74.0-75.0	85.68	9.46	1312.08	0.69	95.34
75.0-76.0	77.84	8.68	1320.76	0.63	95.97
76.0-77.0	70.26	7.90	1328.66	0.57	96.55
77.0-78.0	63.00	7.13	1335.79	0.52	97.06
78.0-79.0	55.58	6.37	1342.16	0.46	97.53
79.0-80.0	48.45	5.61	1347.77	0.41	97.93
80.0-81.0	41.82	4.88	1352.65	0.35	98.29

Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
81.0-82.0	35.16	4.17	1356.83	0.30	98.59
82.0-83.0	29.03	3.49	1360.32	0.25	98.85
83.0-84.0	23.47	2.86	1363.18	0.21	99.05
84.0-85.0	18.23	2.28	1365.45	0.17	99.22
85.0-86.0	13.58	1.74	1367.19	0.13	99.35
86.0-87.0	9.88	1.28	1368.48	0.09	99.44
87.0-88.0	6.79	0.91	1369.39	0.07	99.51
88.0-89.0	4.29	0.61	1370.00	0.04	99.55
89.0-90.0	2.68	0.38	1370.38	0.03	99.58
90.0-91.0	1.65	0.24	1370.62	0.02	99.59
91.0-92.0	1.02	0.15	1370.76	0.01	99.60
92.0-93.0	0.74	0.10	1370.86	0.01	99.61
93.0-94.0	0.72	0.08	1370.94	0.01	99.62
94.0-95.0	0.68	0.08	1371.01	0.01	99.62
95.0-96.0	0.67	0.07	1371.09	0.01	99.63
96.0-97.0	0.68	0.07	1371.16	0.01	99.63
97.0-98.0	0.69	0.07	1371.24	0.01	99.64
98.0-99.0	0.70	0.08	1371.31	0.01	99.64
99.0-100.0	0.71	0.08	1371.39	0.01	99.65
100.0-101.0	0.66	0.07	1371.46	0.01	99.66
101.0-102.0	0.65	0.07	1371.53	0.01	99.66
102.0-103.0	0.68	0.07	1371.60	0.01	99.67
103.0-104.0	0.69	0.07	1371.68	0.01	99.67
104.0-105.0	0.71	0.07	1371.75	0.01	99.68
105.0-106.0	0.72	0.08	1371.83	0.01	99.68
106.0-107.0	0.70	0.08	1371.90	0.01	99.69
107.0-108.0	0.71	0.07	1371.98	0.01	99.69
108.0-109.0	0.73	0.08	1372.05	0.01	99.70
109.0-110.0	0.75	0.08	1372.13	0.01	99.70
110.0-111.0	0.79	0.08	1372.21	0.01	99.71
111.0-112.0	0.77	0.08	1372.29	0.01	99.72
112.0-113.0	0.75	0.08	1372.36	0.01	99.72
113.0-114.0	0.76	0.08	1372.44	0.01	99.73
114.0-115.0	0.80	0.08	1372.52	0.01	99.73
115.0-116.0	0.79	0.08	1372.59	0.01	99.74
116.0-117.0	0.82	0.08	1372.67	0.01	99.74
117.0-118.0	0.87	0.08	1372.76	0.01	99.75
118.0-119.0	0.84	0.08	1372.84	0.01	99.76
119.0-120.0	0.86	0.08	1372.92	0.01	99.76
120.0-121.0	0.87	0.08	1373.00	0.01	99.77
121.0-122.0	0.88	0.08	1373.08	0.01	99.77

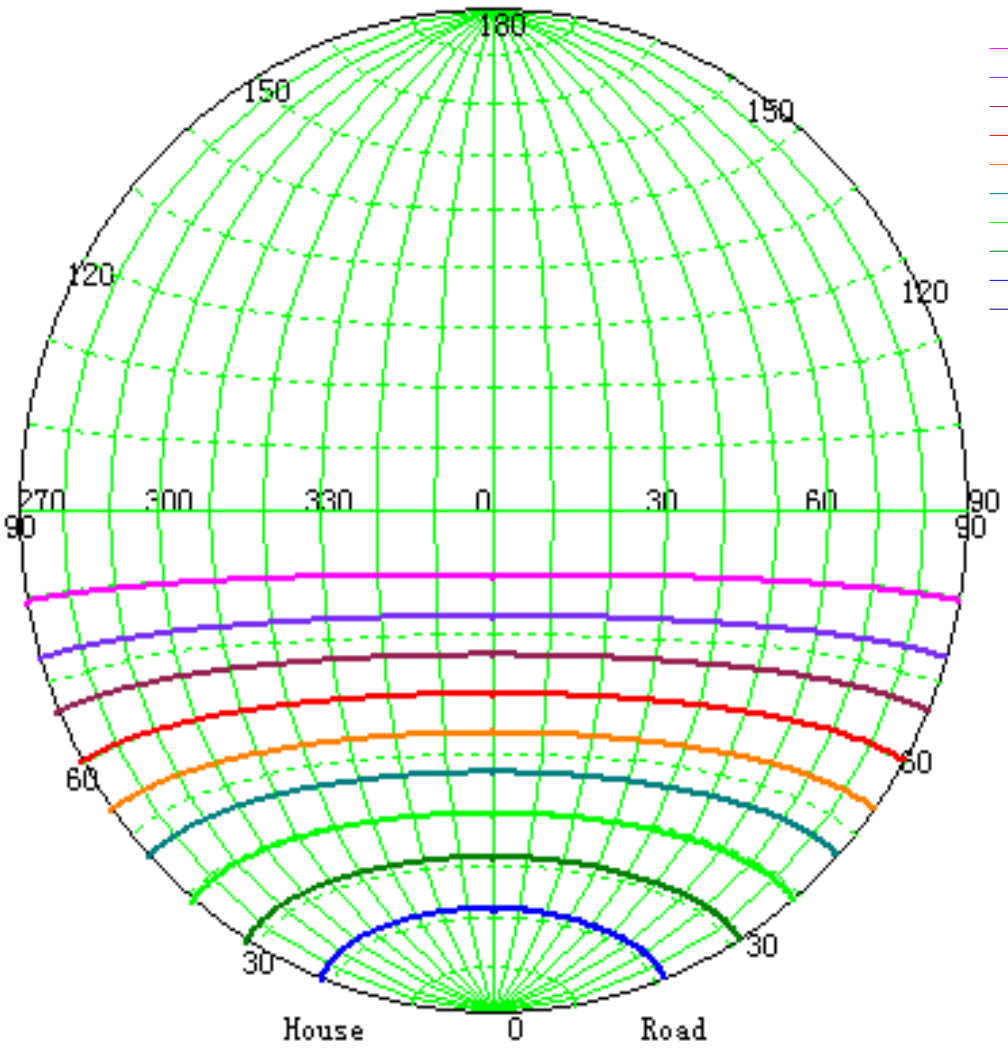
Zonal Luminous Flux Data

Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
122.0-123.0	0.90	0.08	1373.16	0.01	99.78
123.0-124.0	0.89	0.08	1373.25	0.01	99.79
124.0-125.0	0.87	0.08	1373.33	0.01	99.79
125.0-126.0	0.87	0.08	1373.40	0.01	99.80
126.0-127.0	0.91	0.08	1373.48	0.01	99.80
127.0-128.0	0.92	0.08	1373.56	0.01	99.81
128.0-129.0	0.94	0.08	1373.64	0.01	99.81
129.0-130.0	0.93	0.08	1373.72	0.01	99.82
130.0-131.0	0.96	0.08	1373.80	0.01	99.83
131.0-132.0	0.95	0.08	1373.88	0.01	99.83
132.0-133.0	0.99	0.08	1373.96	0.01	99.84
133.0-134.0	0.95	0.08	1374.03	0.01	99.84
134.0-135.0	1.00	0.08	1374.11	0.01	99.85
135.0-136.0	1.03	0.08	1374.19	0.01	99.85
136.0-137.0	1.01	0.08	1374.26	0.01	99.86
137.0-138.0	1.00	0.07	1374.34	0.01	99.86
138.0-139.0	1.04	0.07	1374.41	0.01	99.87
139.0-140.0	1.06	0.08	1374.49	0.01	99.88
140.0-141.0	1.06	0.07	1374.56	0.01	99.88
141.0-142.0	1.07	0.07	1374.63	0.01	99.89
142.0-143.0	1.09	0.07	1374.71	0.01	99.89
143.0-144.0	1.07	0.07	1374.78	0.01	99.90
144.0-145.0	1.13	0.07	1374.85	0.01	99.90
145.0-146.0	1.11	0.07	1374.92	0.01	99.91
146.0-147.0	1.17	0.07	1374.99	0.01	99.91
147.0-148.0	1.13	0.07	1375.05	0.00	99.92
148.0-149.0	1.15	0.07	1375.12	0.00	99.92
149.0-150.0	1.11	0.06	1375.18	0.00	99.93
150.0-151.0	1.16	0.06	1375.24	0.00	99.93
151.0-152.0	1.18	0.06	1375.30	0.00	99.93
152.0-153.0	1.15	0.06	1375.36	0.00	99.94
153.0-154.0	1.15	0.06	1375.42	0.00	99.94
154.0-155.0	1.20	0.06	1375.47	0.00	99.95
155.0-156.0	1.21	0.05	1375.53	0.00	99.95
156.0-157.0	1.22	0.05	1375.58	0.00	99.96
157.0-158.0	1.21	0.05	1375.63	0.00	99.96
158.0-159.0	1.20	0.05	1375.68	0.00	99.96
159.0-160.0	1.20	0.05	1375.73	0.00	99.97
160.0-161.0	1.21	0.04	1375.77	0.00	99.97
161.0-162.0	1.20	0.04	1375.81	0.00	99.97
162.0-163.0	1.22	0.04	1375.85	0.00	99.97

Zonal Luminous Flux Data

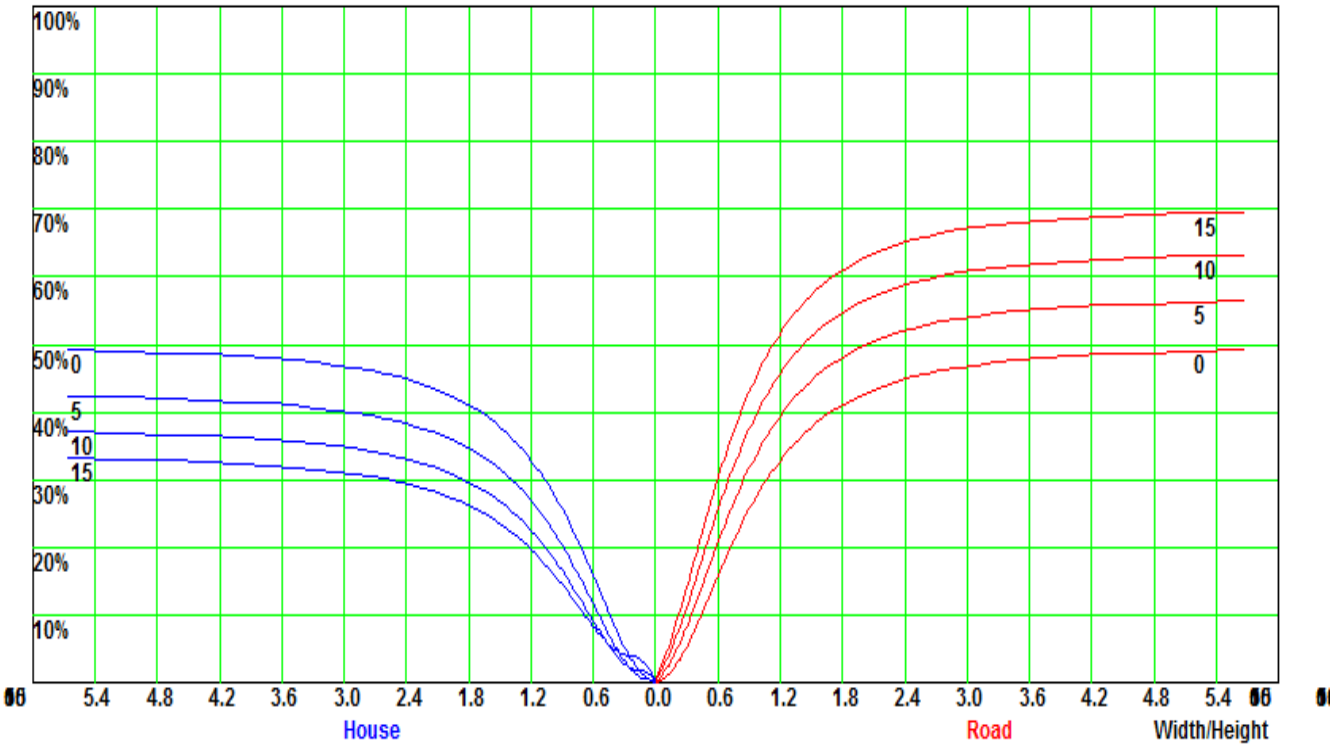
Gamma [°]	Imean [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
163.0-164.0	1.23	0.04	1375.89	0.00	99.98
164.0-165.0	1.25	0.04	1375.93	0.00	99.98
165.0-166.0	1.24	0.03	1375.96	0.00	99.98
166.0-167.0	1.26	0.03	1375.99	0.00	99.99
167.0-168.0	1.29	0.03	1376.03	0.00	99.99
168.0-169.0	1.26	0.03	1376.05	0.00	99.99
169.0-170.0	1.27	0.03	1376.08	0.00	99.99
170.0-171.0	1.30	0.02	1376.10	0.00	99.99
171.0-172.0	1.29	0.02	1376.12	0.00	99.99
172.0-173.0	1.29	0.02	1376.14	0.00	100.00
173.0-174.0	1.31	0.02	1376.16	0.00	100.00
174.0-175.0	1.29	0.01	1376.17	0.00	100.00
175.0-176.0	1.32	0.01	1376.18	0.00	100.00
176.0-177.0	1.29	0.01	1376.19	0.00	100.00
177.0-178.0	1.31	0.01	1376.20	0.00	100.00
178.0-179.0	1.29	0.00	1376.20	0.00	100.00
179.0-180.0	1.30	0.00	1376.20	0.00	100.00

Iso-Candela [cd]

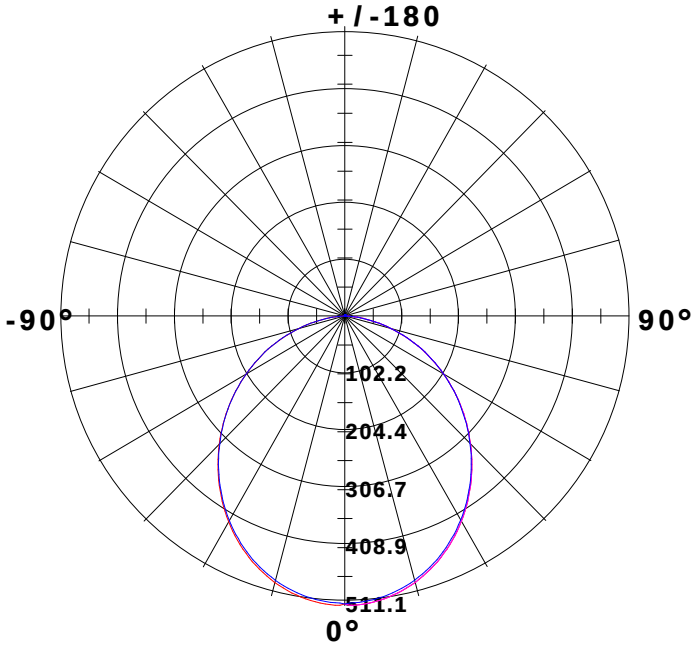


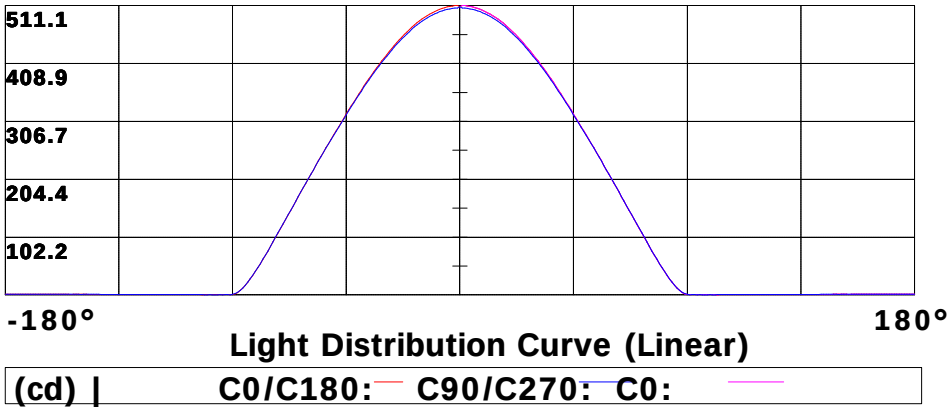
(10%):51.1056 cd
(20%):102.2112 cd
(30%):153.3168 cd
(40%):204.4224 cd
(50%):255.528 cd
(60%):306.6336 cd
(70%):357.7392 cd
(80%):408.8448 cd
(90%):459.9504 cd
(100%):511.056 cd

Coefficient Utilization Curve



Light Distribution Curve [Unit: cd]

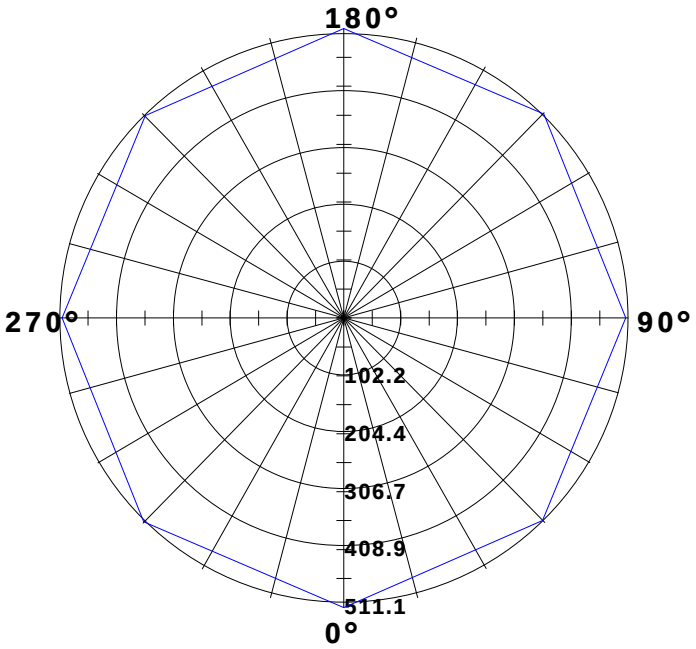


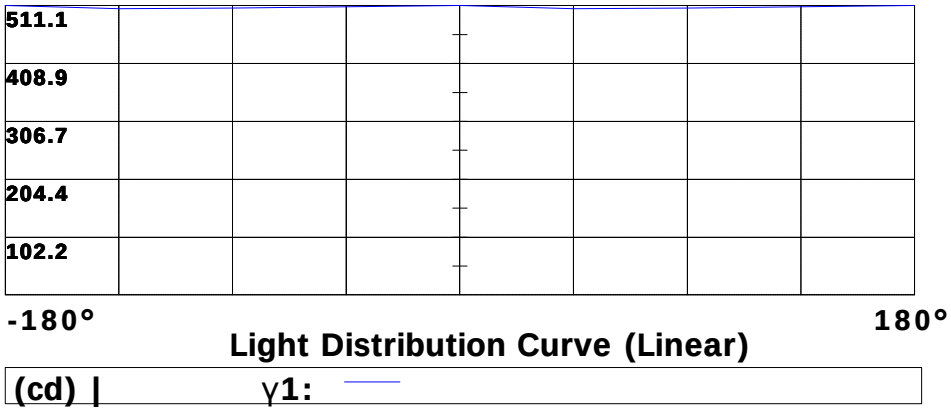


Light Distribution Curve (Linear)

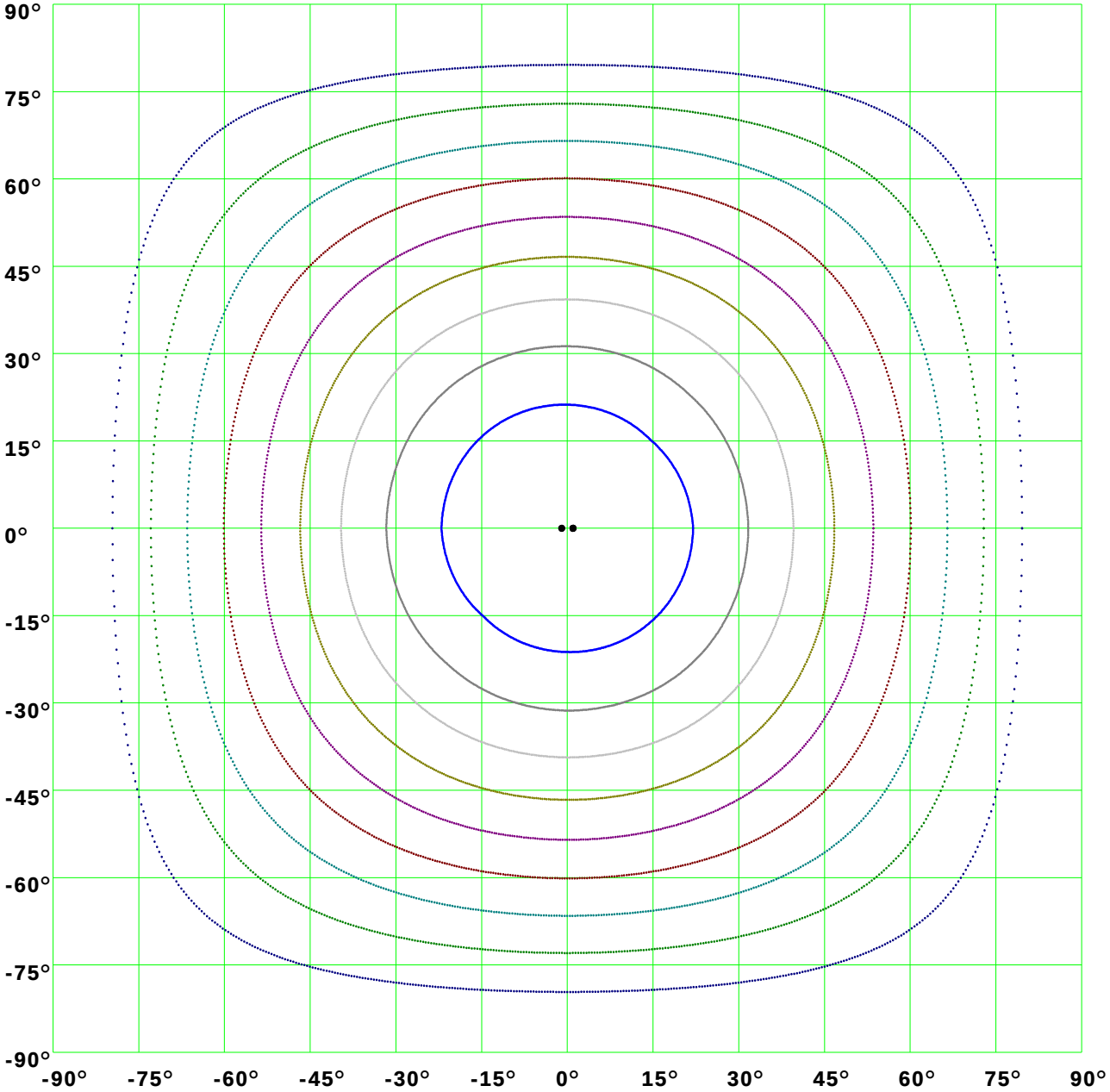
(cd) | C0/C180: C90/C270: C0:

Max Plane Light Distribution Curve [Unit: cd]



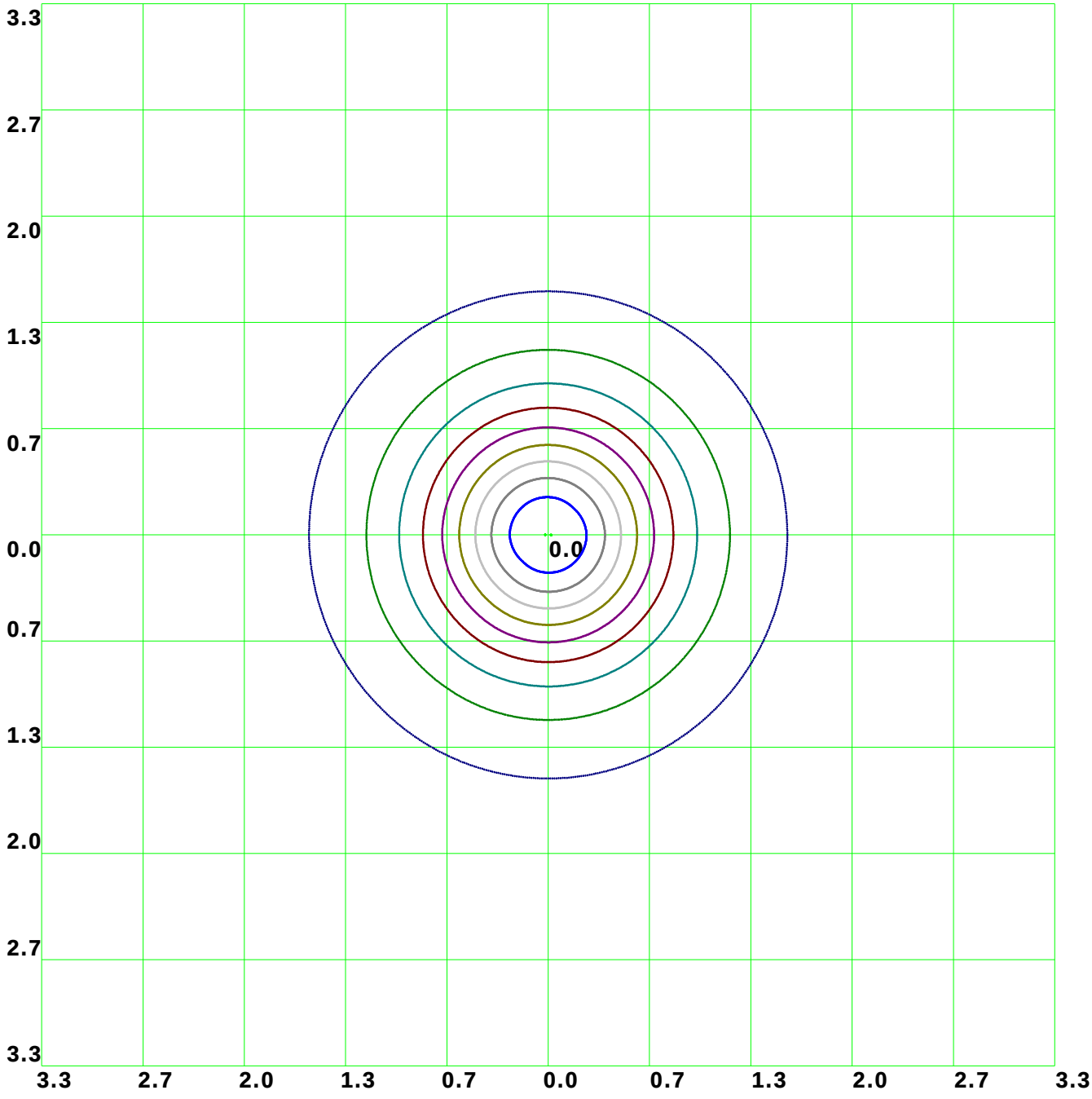


Isocandela(rectangle)



(10%): 51.1cd (20%): 102.2cd (30%): 153.3cd (40%): 204.4cd
(50%): 255.5cd (60%): 306.6cd (70%): 357.7cd (80%): 408.8cd
(90%): 460.cd (100%): 511.1cd

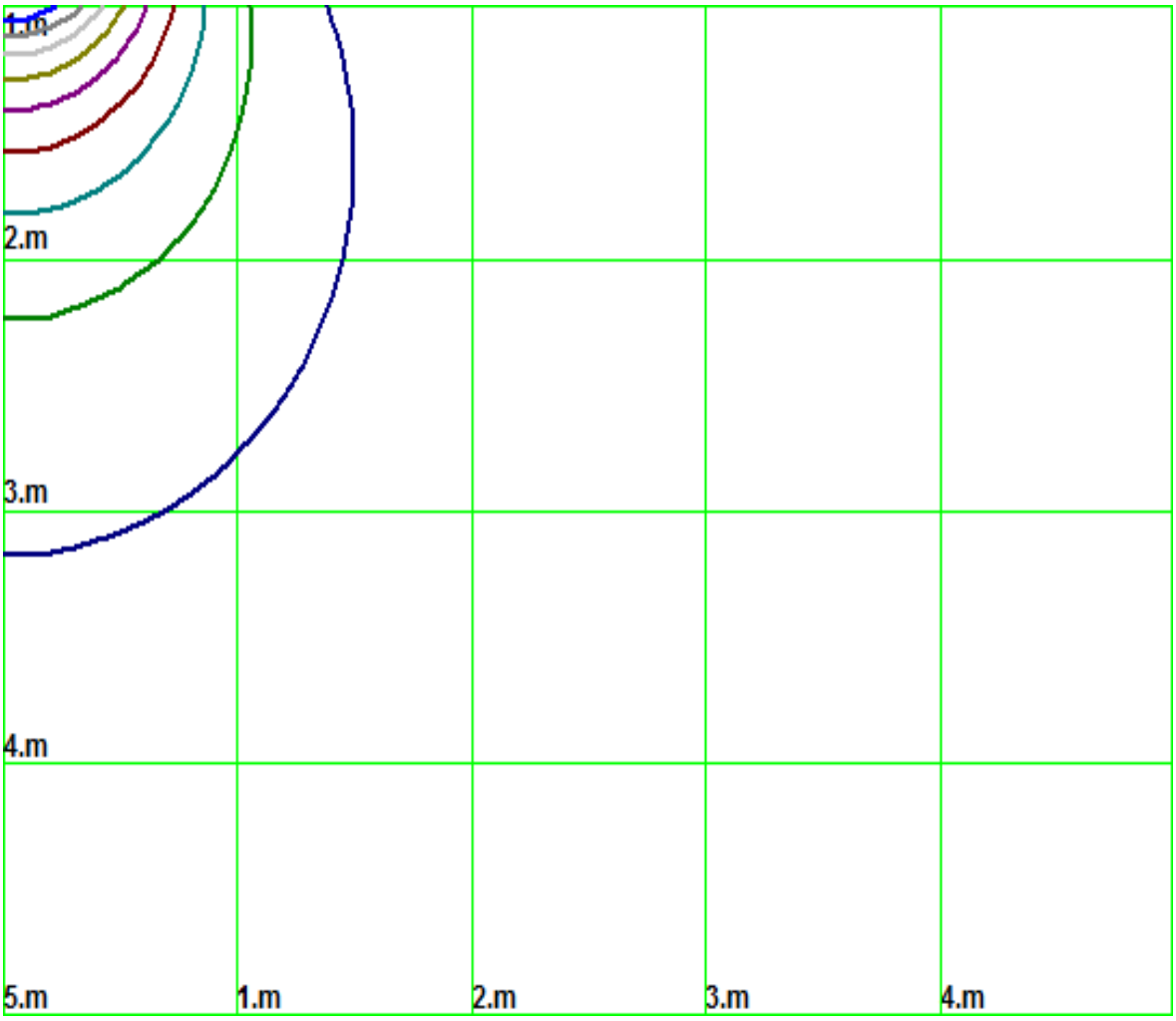
Isolx curve



Height: 1 m

(10%): 51.1lx (20%): 102.2lx (30%): 153.3lx (40%): 204.4lx
(50%): 255.5lx (60%): 306.6lx (70%): 357.7lx (80%): 408.9lx
(90%): 460.lx (100%): 510.6lx

Space Isolx Curve



(10%): 51.1lx (20%): 102.2lx (30%): 153.3lx (40%): 204.4lx
(50%): 255.5lx (60%): 306.6lx (70%): 357.7lx (80%): 408.9lx
(90%): 460.lx (100%): 510.6lx

Luminance Limitting Curve

Diameter: 0mm

Length: 0mm

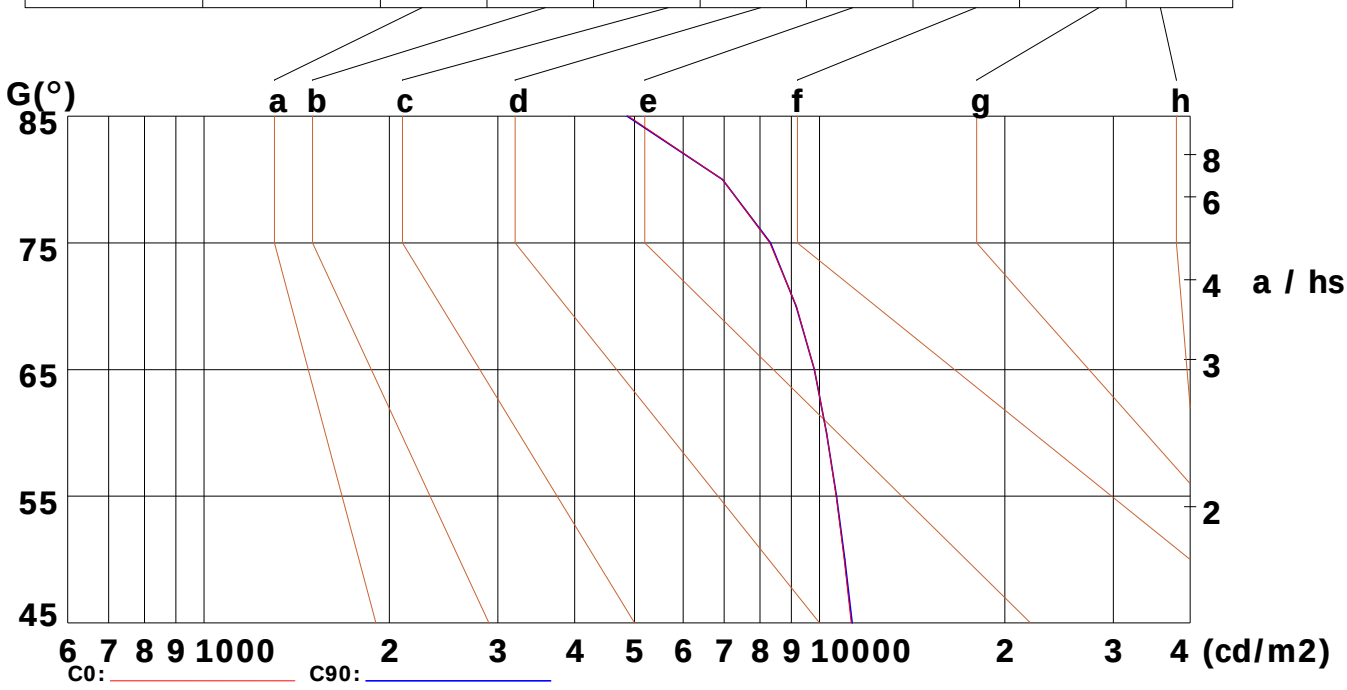
Width: 0mm

Height: 0mm

(cd/m2)

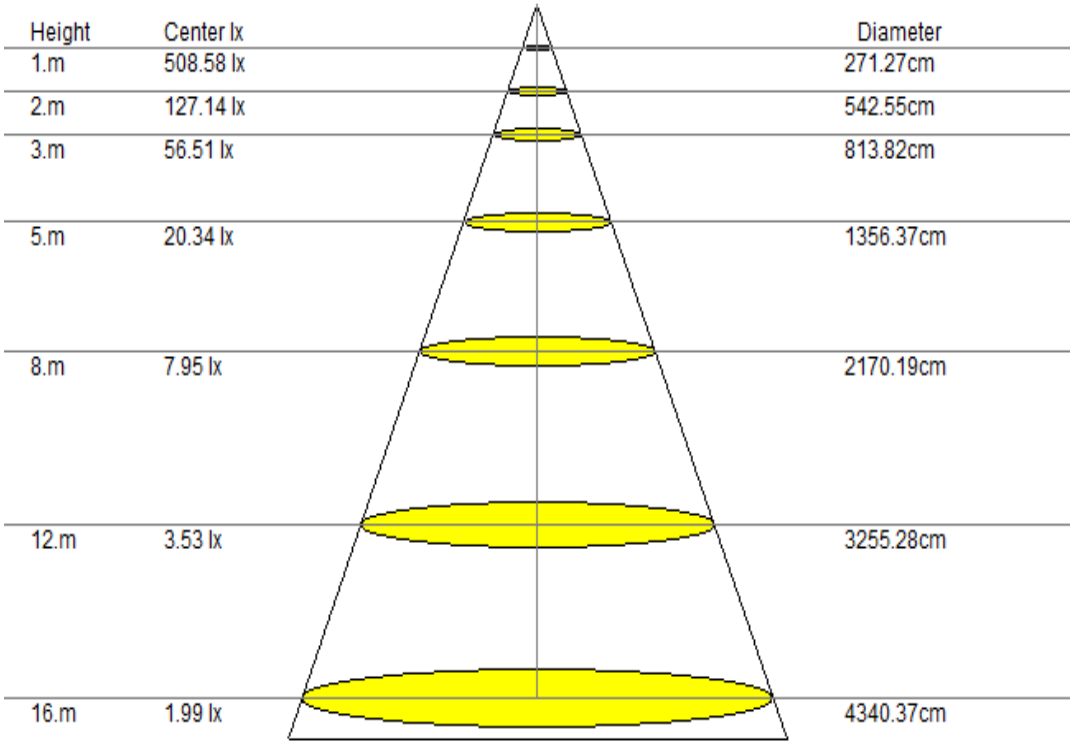
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	11251	10962	10639	10269	9808	9172	8307	6958	4890
C90	11288	10987	10648	10269	9807	9163	8318	6950	4864

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



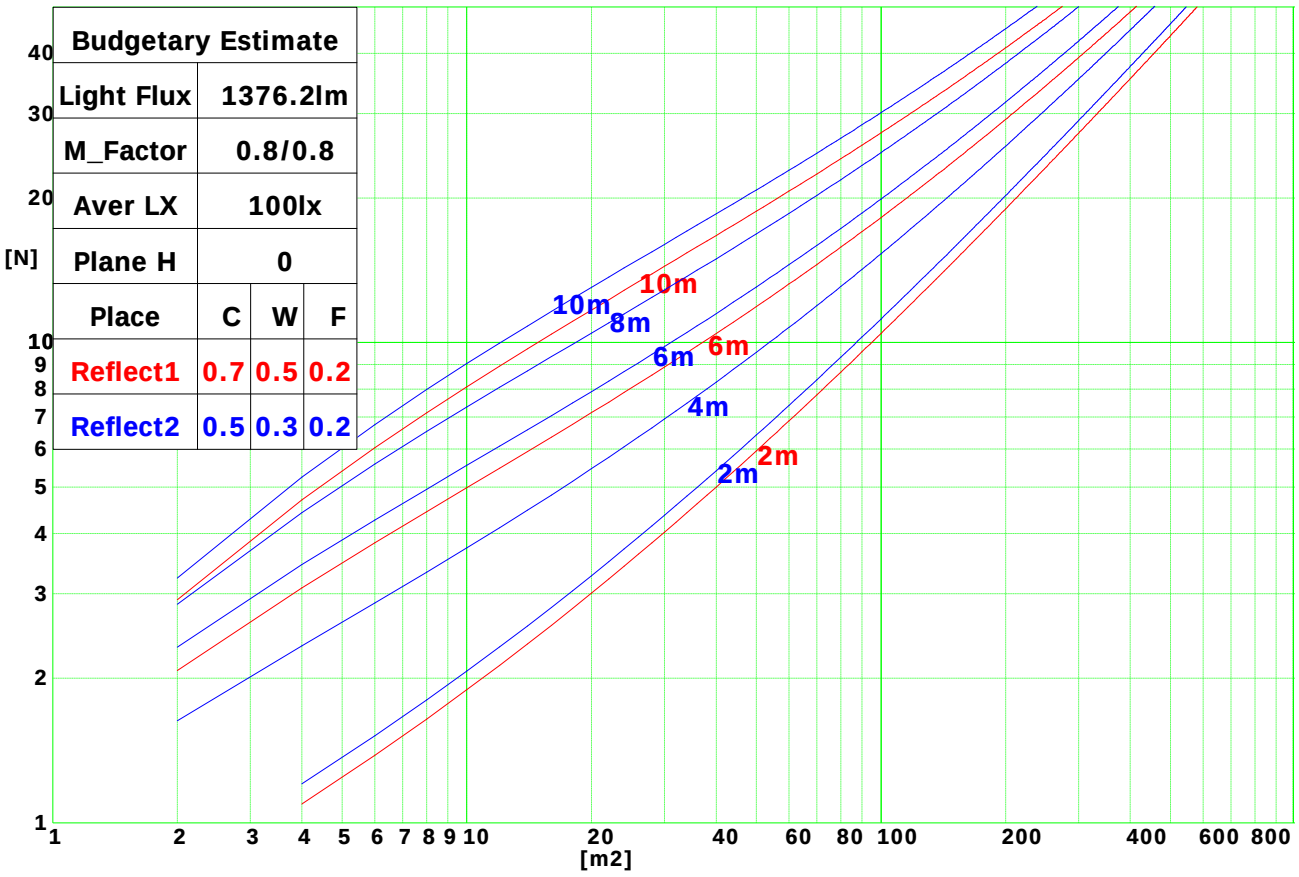
Beam Angle:107.20°(50%Imax)

Cofficiencts of Utilization

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	1.05	1.03	1.02	1.03	1.01	1.00	1.00	0.98	0.96	0.95	0.93	0.91	0.89	0.86	0.84	0.79
2	0.89	0.87	0.85	0.89	0.86	0.83	0.86	0.83	0.80	0.83	0.79	0.76	0.78	0.74	0.71	0.66
3	0.76	0.74	0.72	0.76	0.73	0.70	0.75	0.71	0.67	0.73	0.68	0.64	0.70	0.65	0.60	0.56
4	0.66	0.63	0.61	0.66	0.63	0.60	0.66	0.61	0.58	0.65	0.59	0.55	0.63	0.57	0.52	0.48
5	0.58	0.55	0.53	0.59	0.55	0.52	0.59	0.54	0.50	0.58	0.52	0.48	0.57	0.50	0.45	0.41
6	0.51	0.48	0.47	0.52	0.48	0.46	0.53	0.48	0.44	0.52	0.47	0.42	0.52	0.45	0.40	0.36
7	0.46	0.43	0.41	0.47	0.43	0.41	0.48	0.43	0.39	0.48	0.42	0.37	0.47	0.41	0.36	0.32
8	0.41	0.39	0.37	0.42	0.39	0.36	0.43	0.38	0.35	0.44	0.38	0.34	0.44	0.37	0.32	0.29
9	0.37	0.35	0.33	0.38	0.35	0.33	0.40	0.35	0.32	0.40	0.34	0.30	0.41	0.34	0.29	0.26
10	0.34	0.32	0.30	0.35	0.32	0.30	0.36	0.32	0.29	0.37	0.32	0.28	0.38	0.31	0.26	0.24

Indoor Budgetary Estimate Chart

Budgetary Estimate			
Light Flux	1376.2lm		
M_Factor	0.8/0.8		
Aver LX	100lx		
Plane H	0		
Place	C	W	F
Reflect1	0.7	0.5	0.2
Reflect2	0.5	0.3	0.2



UGR Glare Index

Ceiling		70	70	50	50	30	70	70	50	50	30
Wall		50	30	50	30	30	50	30	50	30	30
Floor		20	20	20	20	20	20	20	20	20	20
Room Size		Weft to light axis direction of observation					Direction of light axis parallel observation				
X	Y										
2H	2H	14.7	16.0	14.9	15.9	16.5	14.7	15.9	14.8	16.0	16.5
	3H	16.3	17.4	16.7	17.9	17.9	16.2	17.4	16.4	17.8	18.0
	4H	16.9	18.1	17.4	18.7	18.8	16.9	18.1	17.3	18.5	18.8
	6H	17.6	18.5	18.0	18.9	18.9	17.4	18.3	17.8	18.9	19.0
	8H	17.8	18.9	18.1	19.0	19.3	17.7	18.7	17.9	19.0	19.3
	12H	17.9	18.8	18.1	19.2	19.5	17.7	18.7	18.1	19.2	19.6
4H	2H	15.7	16.6	15.9	16.8	17.0	15.6	16.6	15.8	16.9	17.0
	3H	17.5	18.4	17.7	18.4	18.8	17.3	18.2	17.6	18.3	18.7
	4H	18.3	18.9	18.5	19.1	19.5	18.0	18.9	18.4	19.1	19.6
	6H	18.8	19.5	19.1	19.8	20.2	18.7	19.5	18.9	19.7	20.0
	8H	19.0	19.7	19.4	20.0	20.3	19.0	19.5	19.3	20.0	20.3
	12H	19.2	19.8	19.7	20.0	20.5	19.1	19.8	19.5	20.1	20.5
8H	4H	18.5	19.2	18.8	19.4	19.8	18.5	19.1	18.7	19.4	19.8
	6H	19.3	19.8	19.8	20.2	20.6	19.2	19.7	19.6	20.2	20.5
	8H	19.8	20.2	20.2	20.5	20.9	19.6	20.0	20.1	20.4	21.0
	12H	20.0	20.4	20.4	20.9	21.1	19.8	20.3	20.3	20.8	21.2
12H	4H	18.6	19.2	19.1	19.6	19.8	18.5	19.0	18.9	19.4	19.8
	6H	19.5	20.0	19.9	20.2	20.7	19.4	19.9	19.8	20.2	20.6
	8H	19.9	20.3	20.4	20.5	21.1	19.8	20.2	20.3	20.6	21.0