

Luminaire Property

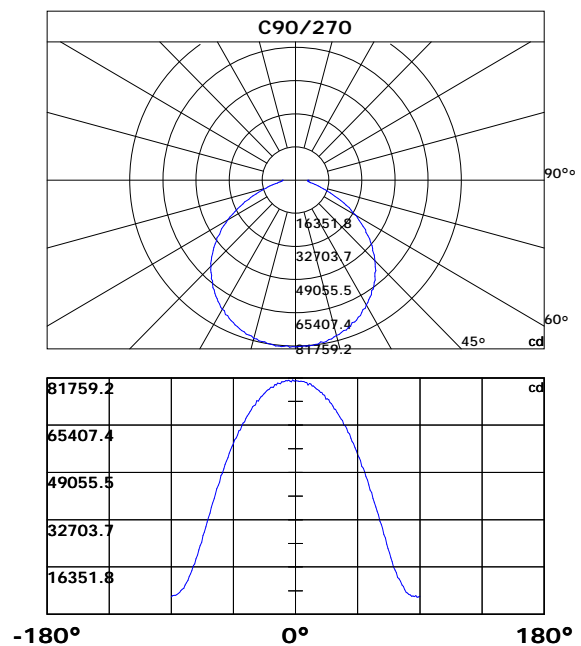
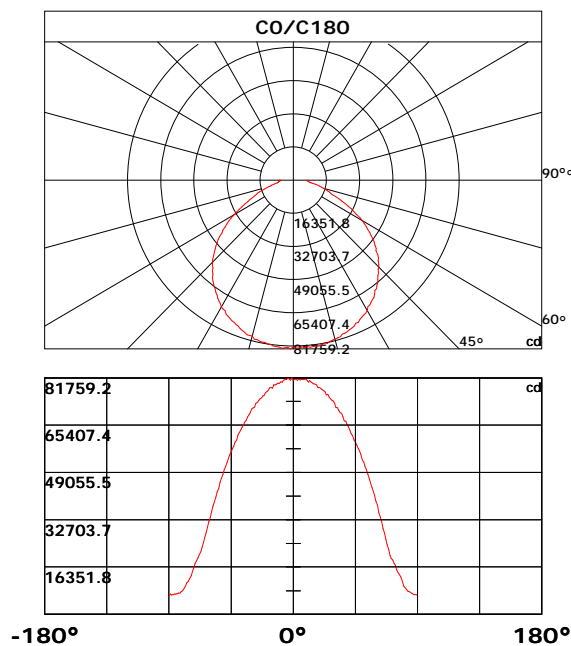
Luminaire Description: T500-1440W-120D
Luminaire Categorie: LED FLOOD LIGHT
Lamp Categorie:
Lamp Description: CO-T500-1440W-120D
Number of Lamp: 1
Lamp Lumens(lm): 239481
Luminous Length(m): 1.152
Luminous Width(m): 0.579
Luminous Height(m): 0.274

Voltage: 220.2 V
Current: 5.876 A
Power: 1437.8 W
Power Factor: 0.964
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Measurement Flux: 239481.00 lm
Efficiency: 166.5607 lm/W
Central Intensity: 80796.45cd
Max. Intensity: 81759.227cd
Field Angle(10%Imax): Left: -79.0 Right:83.7

Max.Intensity Angle: C:180.0 G:1.0
Beam Angle(50%Imax): L: -54.8 R:60.0
Luminaire Efficacy Rating(LER): 100.00%
Upward Ratio: 0.0%
Downward Ratio: 100.0%



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	80796.4	81360.5	81262.0	80875.3	81368.5	81029.0	81407.8	81210.7	81127.5	81344.5
C22.5	80796.4	80208.3	80354.1	80007.3	80433.3	80185.0	80074.5	80015.2	79379.6	79502.0
C45.0	80796.4	80800.0	80732.8	80508.5	80732.8	80496.5	80026.6	80330.8	79770.3	80050.5
C67.5	80796.4	80523.8	80662.3	80752.8	80291.5	80220.3	80291.5	79904.8	79229.8	80129.7
C90.0	80796.4	80764.8	80595.0	80531.8	80603.0	80484.5	80480.5	80157.0	80181.0	79293.0
C112.5	80796.4	80670.2	80626.3	80531.8	80208.3	80382.0	79845.5	80192.3	79964.0	79798.3
C135.0	80796.4	80701.5	80740.8	80658.3	80670.2	80468.5	80386.0	80291.5	80141.1	79900.8
C157.5	80796.4	80957.8	80965.8	80934.5	80732.8	80515.8	80559.7	79924.1	80283.5	80078.5
C180.0	80796.4	81759.2	80989.7	81336.5	81628.8	81112.2	81104.2	80879.2	80310.8	80433.3
C202.5	80796.4	80460.6	80453.2	80484.5	80429.3	80531.8	80496.5	80484.5	80326.8	80251.6
C225.0	80796.4	80630.3	80985.8	80492.5	80626.3	80204.3	81100.2	80488.5	80394.0	80591.0
C247.5	80796.4	80981.8	80480.5	80216.3	80843.3	80504.5	80729.5	80681.6	80619.0	80808.0
C270.0	80796.4	80634.3	81029.0	80314.8	80630.3	80926.5	80709.5	80843.3	80492.5	80449.2
C292.5	80796.4	80646.3	80599.0	80591.0	80740.8	80678.2	80709.5	80089.8	80449.2	79964.0
C315.0	80796.4	80334.8	80670.2	80192.3	80804.0	80796.0	80760.8	80950.5	80208.3	80429.3
C337.5	80796.4	80950.5	80875.3	80985.8	80973.8	80985.8	80583.0	80709.5	80460.6	80551.8
C360.0	80796.4	81360.5	81262.0	80875.3	81368.5	81029.0	81407.8	81210.7	81127.5	81344.5
C\G	G10.0	G11.0	G12.0	G13.0	G14.0	G15.0	G16.0	G17.0	G18.0	G19.0
C0.0	80942.5	80247.6	80832.0	80228.3	79983.3	79675.8	79510.0	79328.3	78444.3	78437.0
C22.5	79135.3	79020.8	78744.5	78425.0	77643.6	77600.3	76921.4	76968.6	76487.4	76081.3
C45.0	79293.0	79245.8	78791.8	78448.3	78425.0	77963.1	77529.1	77336.0	76570.6	75986.1
C67.5	78886.3	79265.1	79273.1	78744.5	78006.3	78337.8	77189.6	77107.1	76531.3	76179.8
C90.0	79786.3	79636.5	78918.3	78949.6	78401.1	77947.8	77770.0	77264.8	76712.3	76755.6
C112.5	79454.8	79297.0	78969.5	78705.3	78543.5	78124.8	77742.1	77071.8	76858.8	76404.8
C135.0	79020.8	79281.0	79115.3	78859.0	78570.8	78251.3	78003.0	77509.8	77027.9	76593.9
C157.5	79948.0	79616.5	79557.3	79012.8	78835.1	78515.6	78093.5	77623.6	77043.8	76842.8
C180.0	79829.5	79928.1	79655.8	79309.0	79399.5	78124.8	78337.8	78294.6	77481.8	77055.8
C202.5	79596.6	79794.3	79537.3	79438.8	79229.8	79000.8	78716.6	78389.1	78006.3	77738.1
C225.0	80366.0	80026.6	80121.7	79466.8	79498.0	79123.3	79020.8	78437.0	77754.1	78113.5
C247.5	80121.7	80093.8	80085.8	79391.5	79561.3	79309.0	78598.8	78736.6	77935.8	77805.3
C270.0	80334.8	79754.3	79860.8	79900.8	79332.3	79470.8	78503.6	78472.3	78511.6	77801.3
C292.5	80169.0	80015.2	79841.5	79549.3	79313.0	79076.0	78918.3	78227.3	78105.5	77726.8
C315.0	79964.0	80062.5	79805.6	79616.5	78875.0	79052.1	78369.8	78468.3	78077.6	77786.0
C337.5	80460.6	80232.2	79987.3	79825.5	79620.5	79253.8	79024.8	78570.8	78385.8	77935.8
C360.0	80942.5	80247.6	80832.0	80228.3	79983.3	79675.8	79510.0	79328.3	78444.3	78437.0
C\G	G20.0	G21.0	G22.0	G23.0	G24.0	G25.0	G26.0	G27.0	G28.0	G29.0
C0.0	78089.6	77616.3	77320.1	76906.0	75868.3	76053.4	75074.9	74558.3	73954.6	73760.9
C22.5	75982.8	74724.1	74700.1	74325.4	73457.4	72888.9	72225.9	71136.9	70864.7	69756.4
C45.0	76124.6	75062.9	74917.1	74053.1	73662.4	72873.6	71949.7	71811.9	71148.9	70241.7
C67.5	75686.6	74917.1	75279.9	73954.6	73914.7	73299.6	72454.9	71807.9	71342.6	70241.7
C90.0	75946.9	75729.9	74403.9	74558.3	74171.6	73169.1	72920.9	71977.6	70999.2	70880.7

Light intensity data Unit[cd]

C112.5	76096.6	75532.8	75090.8	74459.2	73895.4	73370.2	72719.2	72218.6	71425.2	70794.1
C135.0	76235.1	75611.4	75221.3	74159.6	74021.2	73453.4	72825.7	72210.6	71736.7	71283.4
C157.5	75891.6	75962.8	75438.3	74937.1	74274.1	73820.1	73090.6	72526.1	71914.4	71140.9
C180.0	76645.1	75749.8	75496.9	74826.6	74499.1	73969.9	73283.6	72944.2	71654.1	71409.2
C202.5	77442.6	76902.0	76578.5	75647.3	75524.8	74767.3	74542.4	74076.4	73496.6	72778.4
C225.0	77371.3	77055.8	76838.8	76128.6	75398.4	75469.6	74380.6	74013.8	73418.1	72984.1
C247.5	77533.1	76353.6	77071.8	76487.4	75477.6	75299.9	75019.6	74566.3	73488.6	72818.4
C270.0	77612.3	77134.4	76601.8	76183.8	75496.9	75201.3	74554.3	73717.6	73840.1	72399.7
C292.5	77248.9	76858.8	76093.3	75954.8	75457.6	75011.6	74419.9	73907.3	73165.1	72667.9
C315.0	77300.1	76633.8	76444.1	75702.6	75418.3	75055.6	74463.1	73473.3	73133.9	72080.2
C337.5	77375.3	76826.8	76519.3	76183.8	75580.1	75062.9	74443.8	73938.6	73023.4	72751.1
C360.0	78089.6	77616.3	77320.1	76906.0	75868.3	76053.4	75074.9	74558.3	73954.6	73760.9
C\G	G30.0	G31.0	G32.0	G33.0	G34.0	G35.0	G36.0	G37.0	G38.0	G39.0
C0.0	72940.2	71590.9	71417.2	70509.9	69787.7	69385.0	68343.9	66848.2	66749.7	65510.3
C22.5	69464.2	68651.4	67941.2	67045.3	65743.3	65171.5	64141.7	63502.1	62666.0	61458.5
C45.0	69709.1	68205.5	68233.4	67428.0	66106.7	65739.3	64354.7	63383.6	62787.8	61296.8
C67.5	69484.2	68821.2	68063.7	67219.0	65996.2	65806.5	64410.0	63695.8	63000.8	61821.3
C90.0	69767.7	69069.5	68276.7	67444.0	66942.7	65380.5	65147.5	64208.3	62883.0	62330.5
C112.5	69933.5	69239.2	68126.9	67676.9	66978.7	66082.7	64969.8	64228.3	63198.5	62196.1
C135.0	70174.4	69420.9	68742.0	68043.7	66994.0	66177.3	64985.8	64310.8	63352.3	62496.3
C157.5	70395.4	69594.7	68907.7	67554.5	67392.7	66469.5	65620.8	64599.0	63853.5	62827.8
C180.0	70955.9	69827.0	69085.4	68260.7	67128.5	66457.5	65305.3	64729.5	63782.3	62791.8
C202.5	72218.6	71535.7	70790.1	70233.7	69361.7	68718.7	67380.7	66887.5	65779.2	65104.2
C225.0	72233.9	71334.6	71393.9	70051.9	69625.9	68951.0	68035.7	66950.7	66611.3	65108.2
C247.5	72360.4	71697.4	70833.4	70798.1	68726.7	68627.5	68114.9	66852.2	66694.5	65344.5
C270.0	72178.7	71709.4	70774.2	70135.2	69337.7	68548.9	67802.8	66572.0	66154.0	65084.3
C292.5	71934.4	71322.7	70643.7	69902.2	68994.9	67972.5	67452.0	66603.3	65782.5	64852.0
C315.0	72186.7	71212.2	70545.2	69846.9	68785.2	68189.5	67085.2	66580.0	65672.0	64804.0
C337.5	72056.9	71484.4	70671.7	69866.9	68970.9	68292.0	67538.5	66717.8	65941.0	64899.2
C360.0	72940.2	71590.9	71417.2	70509.9	69787.7	69385.0	68343.9	66848.2	66749.7	65510.3
C\G	G40.0	G41.0	G42.0	G43.0	G44.0	G45.0	G46.0	G47.0	G48.0	G49.0
C0.0	64871.3	63604.6	62393.8	61750.1	60274.4	59596.1	58636.9	57209.1	56486.9	55248.1
C22.5	59946.9	59592.1	58088.4	57528.6	56064.9	55105.7	54190.4	52395.2	51219.0	50162.0
C45.0	60633.8	59848.4	58511.1	57524.6	55685.4	55152.9	54056.0	52363.2	51558.5	49853.8
C67.5	60416.8	59777.1	58017.8	57370.8	56214.6	55117.7	53803.7	52493.7	51605.7	49953.0
C90.0	60854.8	59670.6	59138.1	57559.9	56526.1	55287.4	54147.1	53188.0	51203.7	50461.5
C112.5	61304.8	60124.6	59051.6	57977.9	56818.4	55283.4	54328.2	53235.2	52028.4	50560.0
C135.0	61403.3	60424.8	59379.1	58242.8	57070.6	55965.7	54730.9	53436.9	52328.0	50682.5
C157.5	61675.5	60795.6	59655.3	58601.6	56928.9	56120.1	54415.4	53791.7	52545.0	51274.2
C180.0	62014.3	60211.8	59560.1	58085.1	57358.9	56135.4	55109.7	53752.4	52517.7	50958.7
C202.5	64366.1	63486.7	62417.1	61340.1	60337.6	59343.1	58325.4	57153.8	55903.1	54300.9
C225.0	64362.1	63419.5	62519.6	61430.6	60167.9	59710.6	57753.6	57007.4	56261.9	54703.0

Light intensity data Unit[cd]

C247.5	64571.7	63876.8	61375.3	61841.3	60353.6	59434.3	58522.4	56735.2	55760.7	54663.7
C270.0	63719.0	63403.5	61963.1	61035.9	60365.6	59055.6	58167.6	56778.4	55658.1	54158.5
C292.5	64034.6	62867.0	61907.8	60661.1	59856.3	58621.6	57623.1	56317.1	54849.4	54024.7
C315.0	63770.3	62791.8	61694.8	61016.6	59690.6	58660.9	57437.4	55674.1	55030.5	53436.9
C337.5	63900.8	62654.0	62164.8	61059.8	60034.1	58849.9	57713.6	56542.1	55377.9	54241.7
C360.0	64871.3	63604.6	62393.8	61750.1	60274.4	59596.1	58636.9	57209.1	56486.9	55248.1
C\G	G50.0	G51.0	G52.0	G53.0	G54.0	G55.0	G56.0	G57.0	G58.0	G59.0
C0.0	53184.0	52651.5	51069.2	50063.4	48382.0	47001.5	45561.1	43714.6	42582.3	40972.1
C22.5	48571.7	47364.3	45786.0	43978.8	42842.6	40932.9	39954.4	38123.2	36691.4	35140.5
C45.0	48583.7	47056.8	45640.3	44523.3	42826.6	41402.1	40179.4	37831.6	36994.9	35511.2
C67.5	48611.0	47237.8	45955.8	44424.8	43079.6	41197.1	39946.4	38569.2	36888.4	35282.2
C90.0	49286.0	47569.3	46421.1	44756.3	42957.1	42045.1	40112.1	38758.9	37093.5	35696.9
C112.5	49290.0	47881.5	46504.3	45316.8	43659.3	42077.1	40132.1	39027.1	37306.5	35894.0
C135.0	49546.2	48209.0	46851.1	45596.3	43990.8	42447.9	40865.6	39425.2	37819.7	36209.5
C157.5	49700.0	48512.5	47028.8	45592.3	44144.6	42495.1	40936.9	39078.4	37685.2	35645.7
C180.0	49881.7	48362.7	46961.6	45589.0	43513.6	42341.4	40498.9	39160.9	37460.2	35712.9
C202.5	53353.7	51846.7	50883.5	49479.0	48113.8	46721.3	45324.1	43714.6	42148.3	40526.2
C225.0	53393.0	51894.0	50564.0	49538.3	48117.8	46701.3	45170.3	43399.1	42688.8	40466.9
C247.5	53132.7	51799.4	50402.3	48962.5	47340.3	46508.3	45387.3	43635.4	42680.8	40814.4
C270.0	52998.9	51779.5	50307.7	48591.1	47968.0	45722.8	44586.6	43422.4	41635.1	39977.7
C292.5	52738.0	51460.0	50193.3	48820.0	47344.3	46093.6	44298.3	42949.1	41520.6	39903.1
C315.0	52620.2	51247.0	49929.0	49025.7	46887.0	45549.1	44298.3	42688.8	41338.9	39575.6
C337.5	52971.0	51625.7	50442.2	49041.0	47214.5	46330.5	44701.1	43248.6	41690.4	40005.6
C360.0	53184.0	52651.5	51069.2	50063.4	48382.0	47001.5	45561.1	43714.6	42582.3	40972.1
C\G	G60.0	G61.0	G62.0	G63.0	G64.0	G65.0	G66.0	G67.0	G68.0	G69.0
C0.0	39050.4	37776.4	35105.2	33609.5	31992.0	29821.3	28074.0	25915.4	24191.4	22407.4
C22.5	33049.0	31151.3	29794.0	27628.1	25888.1	23851.9	21985.4	20628.2	18687.2	17578.2
C45.0	33519.0	32283.5	30168.8	28310.3	26656.9	25031.4	23393.9	21614.7	19925.9	18631.9
C67.5	33585.5	32386.0	30594.8	29028.6	27391.1	25907.4	24140.1	22533.9	20557.0	19361.5
C90.0	34394.9	32110.5	31104.0	29644.3	27632.0	26416.6	24313.2	22711.6	21176.7	19574.5
C112.5	34379.0	32772.8	31005.5	29525.8	27757.9	26005.9	24478.9	22920.6	21307.1	19716.9
C135.0	34454.2	33057.0	31112.0	29419.3	27485.6	26136.4	24443.6	22723.6	20955.7	19302.2
C157.5	34205.2	32607.0	30879.0	28973.3	27308.5	25516.6	23658.2	22111.9	20478.4	19211.7
C180.0	33644.8	32058.6	30216.1	28338.3	26539.1	24763.1	23287.4	21642.0	20675.4	19535.2
C202.5	38975.9	37279.2	35531.2	33648.8	31703.8	30252.0	28412.8	26471.8	24960.8	23224.2
C225.0	38987.9	37831.6	35894.0	34114.7	32287.5	30690.0	29127.1	27351.8	25659.1	24044.9
C247.5	38328.9	37472.2	36233.4	33913.0	32493.2	30895.0	29107.8	27489.6	25639.1	24136.1
C270.0	38439.4	37038.2	35053.9	33467.7	31968.0	30208.1	28294.4	27237.3	24960.8	23729.4
C292.5	38202.4	36308.7	35160.4	33329.3	31672.5	30003.1	28279.0	26408.6	25129.9	23283.4
C315.0	37669.9	36485.7	34520.8	33171.5	31498.7	29873.3	28132.6	26238.9	24609.4	22959.9
C337.5	38159.1	36698.7	35065.2	33222.8	31466.8	29711.5	27738.5	25595.9	24013.6	22103.9
C360.0	39050.4	37776.4	35105.2	33609.5	31992.0	29821.3	28074.0	25915.4	24191.4	22407.4

Light intensity data Unit[cd]

C\G	G70.0	G71.0	G72.0	G73.0	G74.0	G75.0	G76.0	G77.0	G78.0	G79.0
C0.0	20423.2	19342.2	18765.7	17546.3	16978.5	15360.3	14307.3	13707.5	12894.8	11355.8
C22.5	16505.2	15408.2	14915.0	14039.0	12697.1	12578.6	11446.3	9710.4	8928.9	8787.1
C45.0	16477.3	15850.2	14528.3	12803.6	11849.1	11091.6	10234.9	9276.4	9130.6	8301.9
C67.5	18004.2	16718.2	15183.2	14117.6	12709.1	11853.1	10507.1	9623.8	9024.1	8357.1
C90.0	18193.9	16410.0	15376.3	14370.5	12756.3	12180.5	11431.0	10160.3	9635.1	8550.1
C112.5	18402.9	16603.7	15625.2	14319.2	13356.1	12109.3	10985.1	9840.8	9169.9	8357.1
C135.0	18016.2	16386.7	15116.0	13798.1	12784.3	11580.8	10744.1	10093.1	9454.1	8869.7
C157.5	17637.5	16958.5	15684.5	14815.8	13742.8	12677.8	11458.3	10396.6	10124.4	8755.8
C180.0	18619.9	17503.0	16035.3	14911.0	13344.1	12354.3	11403.1	10834.6	9741.6	8932.9
C202.5	21436.9	19953.2	18655.2	17728.0	16745.5	15617.2	14315.3	13167.0	12188.5	11304.6
C225.0	21902.9	20695.4	18793.7	17310.0	16303.5	14709.3	13454.6	12342.3	11403.1	10858.6
C247.5	22837.4	21373.7	19945.2	17688.7	17081.0	16039.3	14579.5	12847.5	11865.0	10543.1
C270.0	22316.9	20501.7	19223.7	17365.2	16880.0	15056.8	13983.8	13028.6	11825.1	10893.9
C292.5	21792.4	20249.4	18781.7	17321.9	15775.0	15202.6	13632.3	12448.8	11525.6	10783.4
C315.0	21152.7	19503.9	17885.7	15960.7	15084.7	13601.0	12902.8	11640.0	11150.8	10227.6
C337.5	20675.4	18939.5	17590.2	16366.8	15830.2	14504.3	13881.3	12894.8	12428.8	11616.1
C360.0	20423.2	19342.2	18765.7	17546.3	16978.5	15360.3	14307.3	13707.5	12894.8	11355.8
C\G	G80.0	G81.0	G82.0	G83.0	G84.0	G85.0	G86.0	G87.0	G88.0	G89.0
C0.0	9840.8	9252.4	8680.6	7990.3	7875.9	7512.4	7232.2	6877.4	6790.9	6834.1
C22.5	8269.9	7342.7	7176.9	6987.9	6881.4	6746.9	6746.9	6979.9	6593.2	6573.9
C45.0	7903.1	7331.4	7023.2	6565.9	6956.6	7035.1	6625.1	6392.1	6419.4	6392.1
C67.5	7536.4	7176.9	6814.2	6411.4	6415.4	6206.4	6183.1	6163.2	6293.6	6324.9
C90.0	7567.7	7272.1	6912.7	6621.1	6198.4	6336.9	6147.2	6400.1	5930.2	6060.7
C112.5	7863.9	7212.9	6707.7	6502.6	6218.4	6506.6	6404.1	6396.1	6131.9	6052.7
C135.0	8494.9	7776.7	7303.4	7023.2	6842.1	6593.2	6746.9	6498.6	6553.9	6648.4
C157.5	8258.6	7784.7	7473.1	7220.9	7019.2	6897.4	6834.1	6774.9	6668.4	6750.9
C180.0	8136.1	7946.4	7268.1	7323.4	7121.7	7007.9	6940.6	6758.9	6640.4	6971.9
C202.5	10369.3	9761.6	8787.1	8100.8	7540.4	7386.6	7169.6	6924.7	6565.9	6774.9
C225.0	9773.6	9138.6	8956.9	8376.4	7816.6	7311.4	7011.9	6652.4	6711.6	6632.4
C247.5	9726.3	8826.4	8700.6	7800.6	7552.4	7291.4	6834.1	6561.9	6518.6	6561.9
C270.0	10136.4	8972.8	8672.6	8222.7	7544.4	7204.9	6822.1	6597.2	6561.9	6466.7
C292.5	9761.6	9249.1	8116.1	7583.6	7323.4	7272.1	6521.9	6561.9	6404.1	6273.7
C315.0	9189.8	8988.1	8250.6	7843.9	7571.7	6830.1	7011.9	6605.1	6131.9	6470.7
C337.5	9718.3	9071.3	8609.4	8175.4	7800.6	7382.6	7125.7	6901.4	7106.4	6834.1
C360.0	9840.8	9252.4	8680.6	7990.3	7875.9	7512.4	7232.2	6877.4	6790.9	6834.1
C\G	G90.0									
C0.0	6648.4									
C22.5	6510.6									
C45.0	6494.6									
C67.5	6364.2									
C90.0	6163.2									

Light intensity data Unit[cd]

C112.5	6277.7									
C135.0	6419.4									
C157.5	6545.9									
C180.0	6111.9									
C202.5	6802.2									
C225.0	6312.9									
C247.5	6506.6									
C270.0	5985.4									
C292.5	6273.7									
C315.0	6427.4									
C337.5	6652.4									
C360.0	6648.4									

Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
0.0	80796.45	0.00	0.00	0.00	0.00
0.0-1.0	80774.04	77.31	77.31	0.03	0.03
1.0-2.0	80751.37	231.84	309.15	0.10	0.13
2.0-3.0	80588.36	385.87	695.02	0.16	0.29
3.0-4.0	80732.30	539.99	1235.01	0.23	0.52
4.0-5.0	80595.06	694.02	1929.03	0.29	0.81
5.0-6.0	80579.09	847.01	2776.04	0.35	1.16
6.0-7.0	80447.08	999.49	3775.53	0.42	1.58
7.0-8.0	80208.61	1149.78	4925.31	0.48	2.06
8.0-9.0	80223.46	1300.22	6225.53	0.54	2.60
9.0-10.0	79831.82	1448.44	7673.97	0.60	3.20
10.0-11.0	79719.83	1594.25	9268.22	0.67	3.87
11.0-12.0	79568.61	1741.25	11009.47	0.73	4.60
12.0-13.0	79241.94	1884.68	12894.15	0.79	5.38
13.0-14.0	78952.38	2024.87	14919.02	0.85	6.23
14.0-15.0	78676.70	2164.00	17083.02	0.90	7.13
15.0-16.0	78265.56	2299.64	19382.67	0.96	8.09
16.0-17.0	77987.87	2433.29	21815.95	1.02	9.11
17.0-18.0	77495.93	2563.59	24379.55	1.07	10.18
18.0-19.0	77202.75	2691.44	27070.99	1.12	11.30
19.0-20.0	76786.40	2818.43	29889.42	1.18	12.48
20.0-21.0	76167.02	2937.02	32826.43	1.23	13.71
21.0-22.0	75876.01	3055.37	35881.80	1.28	14.98
22.0-23.0	75279.27	3171.65	39053.45	1.32	16.31
23.0-24.0	74757.36	3280.34	42333.79	1.37	17.68
24.0-25.0	74297.89	3389.19	45722.98	1.42	19.09
25.0-26.0	73648.07	3492.28	49215.26	1.46	20.55
26.0-27.0	73055.36	3589.13	52804.39	1.50	22.05
27.0-28.0	72412.88	3682.95	56487.33	1.54	23.59
28.0-29.0	71749.29	3771.69	60259.02	1.57	25.16
29.0-30.0	71124.63	3857.57	64116.59	1.61	26.77
30.0-31.0	70294.78	3935.50	68052.09	1.64	28.42
31.0-32.0	69652.90	4009.34	72061.43	1.67	30.09
32.0-33.0	68876.05	4081.11	76142.54	1.70	31.79
33.0-34.0	67929.60	4140.14	80282.69	1.73	33.52
34.0-35.0	67248.11	4198.12	84480.82	1.75	35.28
35.0-36.0	66293.08	4251.98	88732.79	1.78	37.05
36.0-37.0	65416.81	4295.64	93028.43	1.79	38.85
37.0-38.0	64681.77	4342.52	97370.93	1.81	40.66
38.0-39.0	63620.38	4379.31	101750.20	1.83	42.49
39.0-40.0	62615.38	4402.65	106152.90	1.84	44.33

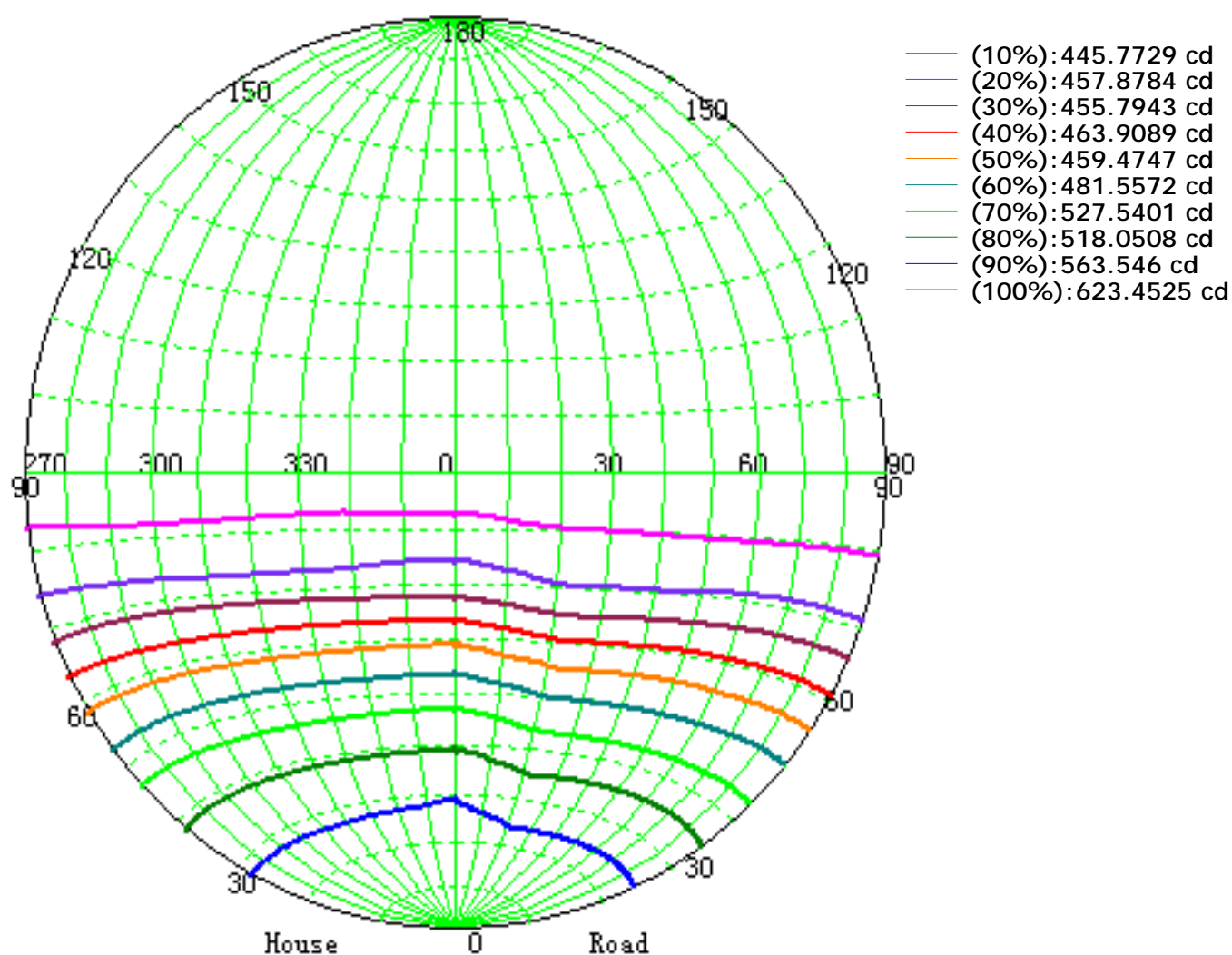
Zonal Luminous Flux Data

Gamma [°]	I _{mean} [cd]	Zonal Flux [lm]	Sum Flux [lm]	Zonal Flux [%]	Sum Flux [%]
40.0-41.0	61659.31	4425.36	110578.30	1.85	46.17
41.0-42.0	60489.86	4437.89	115016.10	1.85	48.03
42.0-43.0	59564.17	4447.15	119463.30	1.86	49.88
43.0-44.0	58359.23	4450.76	123914.10	1.86	51.74
44.0-45.0	57340.01	4446.46	128360.50	1.86	53.60
45.0-46.0	56185.09	4439.72	132800.30	1.85	55.45
46.0-47.0	54879.61	4417.33	137217.60	1.84	57.30
47.0-48.0	53770.89	4392.22	141609.90	1.83	59.13
48.0-49.0	52417.69	4360.70	145970.60	1.82	60.95
49.0-50.0	51116.37	4316.69	150287.30	1.80	62.76
50.0-51.0	49781.09	4268.82	154556.10	1.78	64.54
51.0-52.0	48433.75	4214.47	158770.60	1.76	66.30
52.0-53.0	47081.17	4154.89	162925.50	1.73	68.03
53.0-54.0	45523.86	4081.64	167007.10	1.70	69.74
54.0-55.0	44097.94	4000.57	171007.70	1.67	71.41
55.0-56.0	42622.05	3918.63	174926.40	1.64	73.04
56.0-57.0	41046.69	3825.53	178751.90	1.60	74.64
57.0-58.0	39639.07	3731.19	182483.10	1.56	76.20
58.0-59.0	37958.41	3627.73	186110.80	1.51	77.71
59.0-60.0	36190.34	3503.05	189613.80	1.46	79.18
60.0-61.0	34707.34	3383.38	192997.20	1.41	80.59
61.0-62.0	32964.90	3260.85	196258.00	1.36	81.95
62.0-63.0	31209.07	3121.11	199379.20	1.30	83.25
63.0-64.0	29483.86	2978.18	202357.30	1.24	84.50
64.0-65.0	27817.72	2835.81	205193.10	1.18	85.68
65.0-66.0	26054.19	2687.86	207881.00	1.12	86.80
66.0-67.0	24349.73	2534.45	210415.40	1.06	87.86
67.0-68.0	22682.97	2382.52	212797.90	0.99	88.86
68.0-69.0	21175.09	2237.43	215035.40	0.93	89.79
69.0-70.0	19649.69	2096.69	217132.00	0.88	90.67
70.0-71.0	18274.85	1960.15	219092.20	0.82	91.49
71.0-72.0	17006.56	1834.53	220926.70	0.77	92.25
72.0-73.0	15653.90	1707.90	222634.70	0.71	92.97
73.0-74.0	14619.82	1591.57	224226.30	0.66	93.63
74.0-75.0	13532.29	1487.45	225713.70	0.62	94.25
75.0-76.0	12454.17	1379.46	227093.20	0.58	94.83
76.0-77.0	11375.79	1270.51	228363.70	0.53	95.36
77.0-78.0	10655.65	1179.36	229543.10	0.49	95.85
78.0-79.0	9780.91	1098.05	230641.10	0.46	96.31
79.0-80.0	8909.18	1007.63	231648.80	0.42	96.73
80.0-81.0	8319.00	931.67	232580.40	0.39	97.12

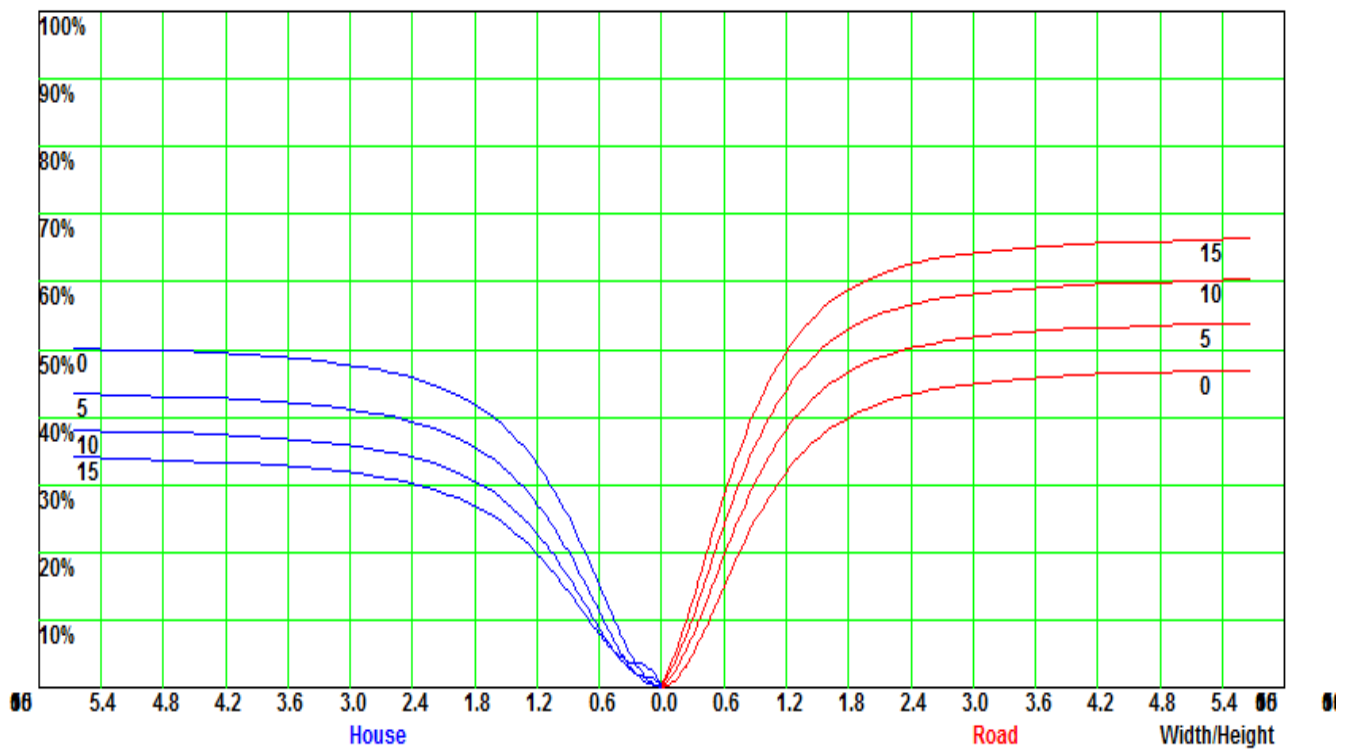
Zonal Luminous Flux Data

[illegible]

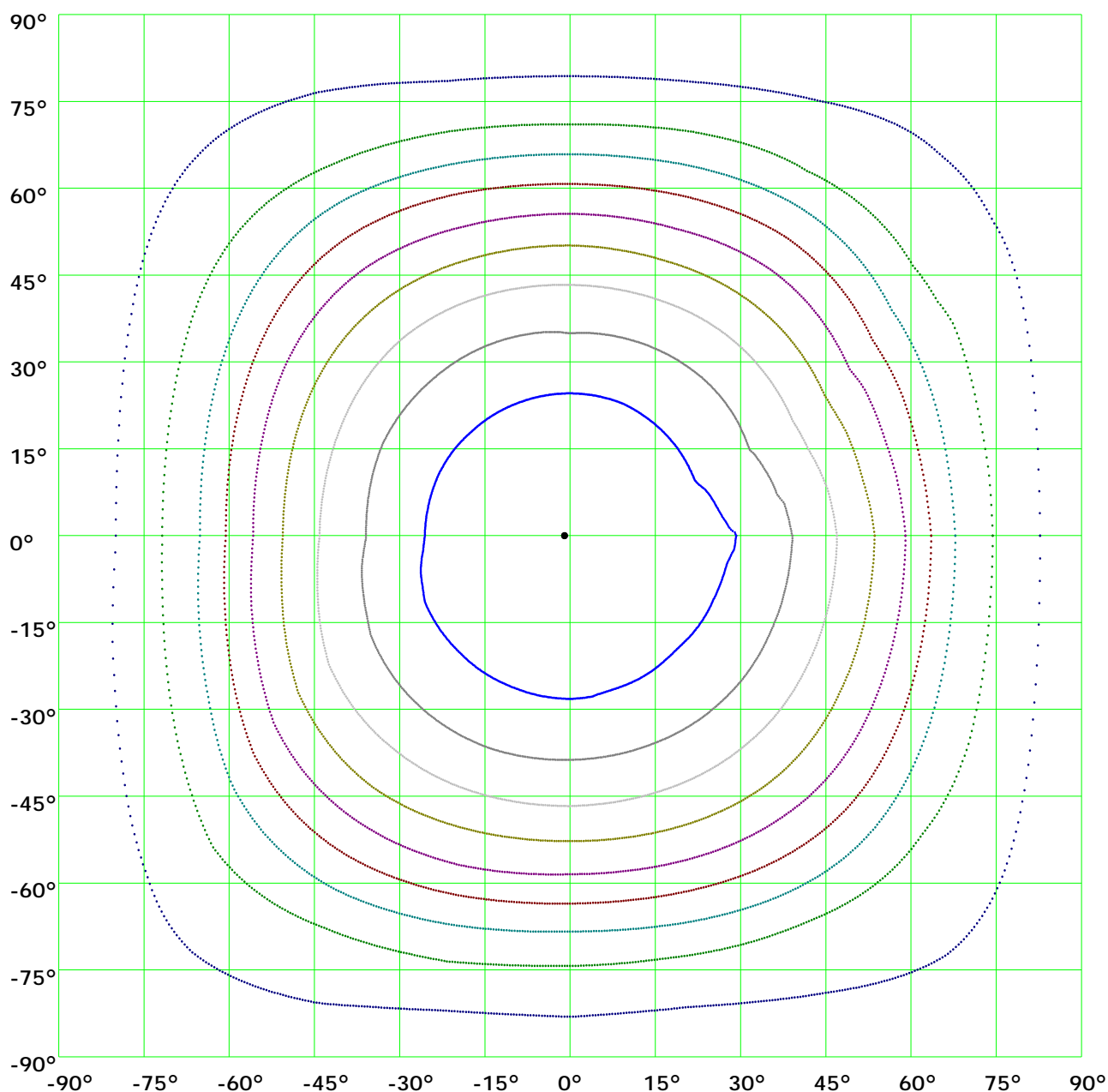
Iso-Candela [cd]



Coefficient Utilization Curve

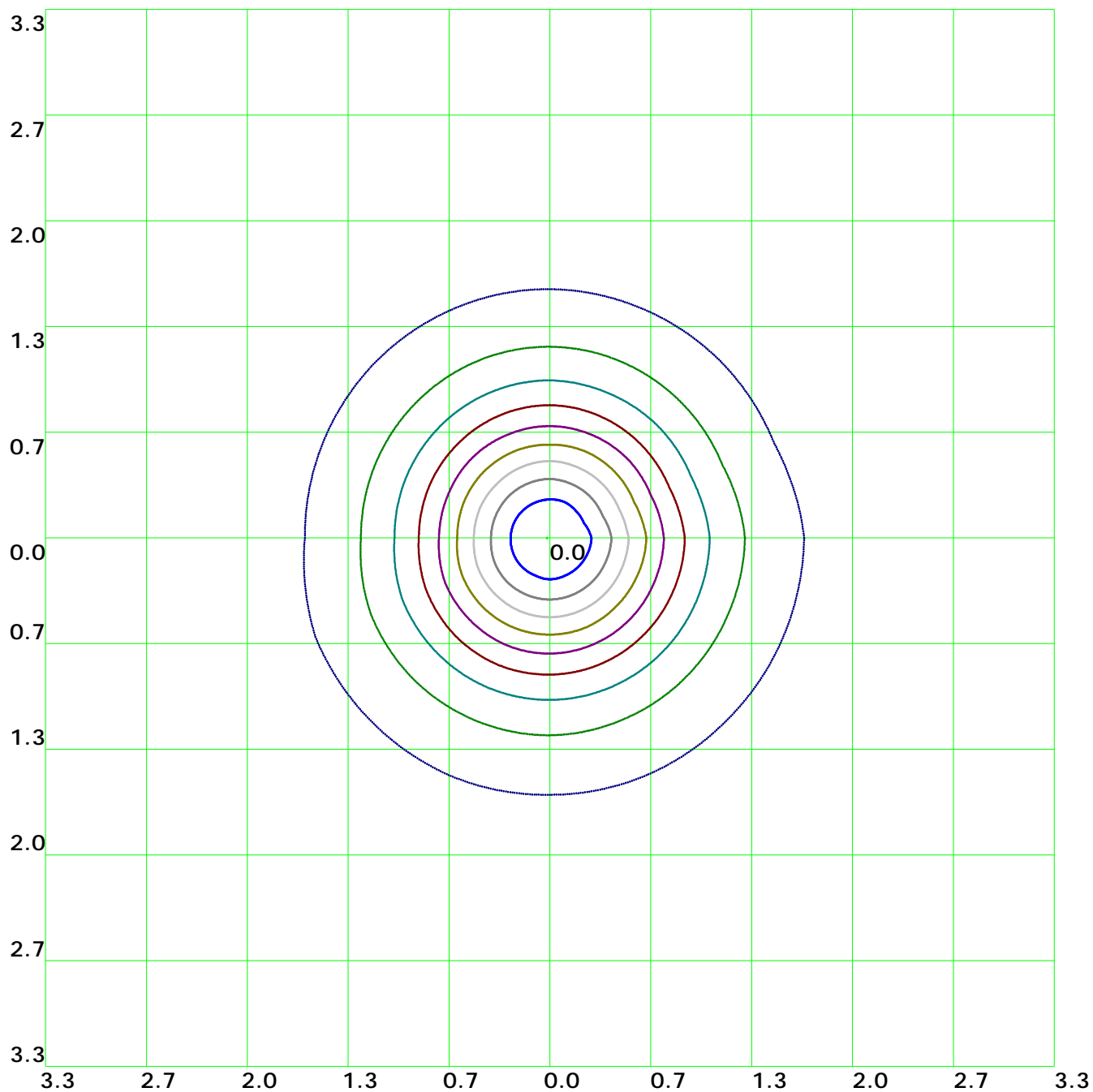


Isocandela(rectangle)



(10%): 8175.9cd	(20%): 16351.9cd	(30%): 24527.8cd	(40%): 32703.7cd
(50%): 40879.6cd	(60%): 49055.5cd	(70%): 57231.5cd	(80%): 65407.4cd
(90%): 73583.3cd	(100%): 81759.2cd		

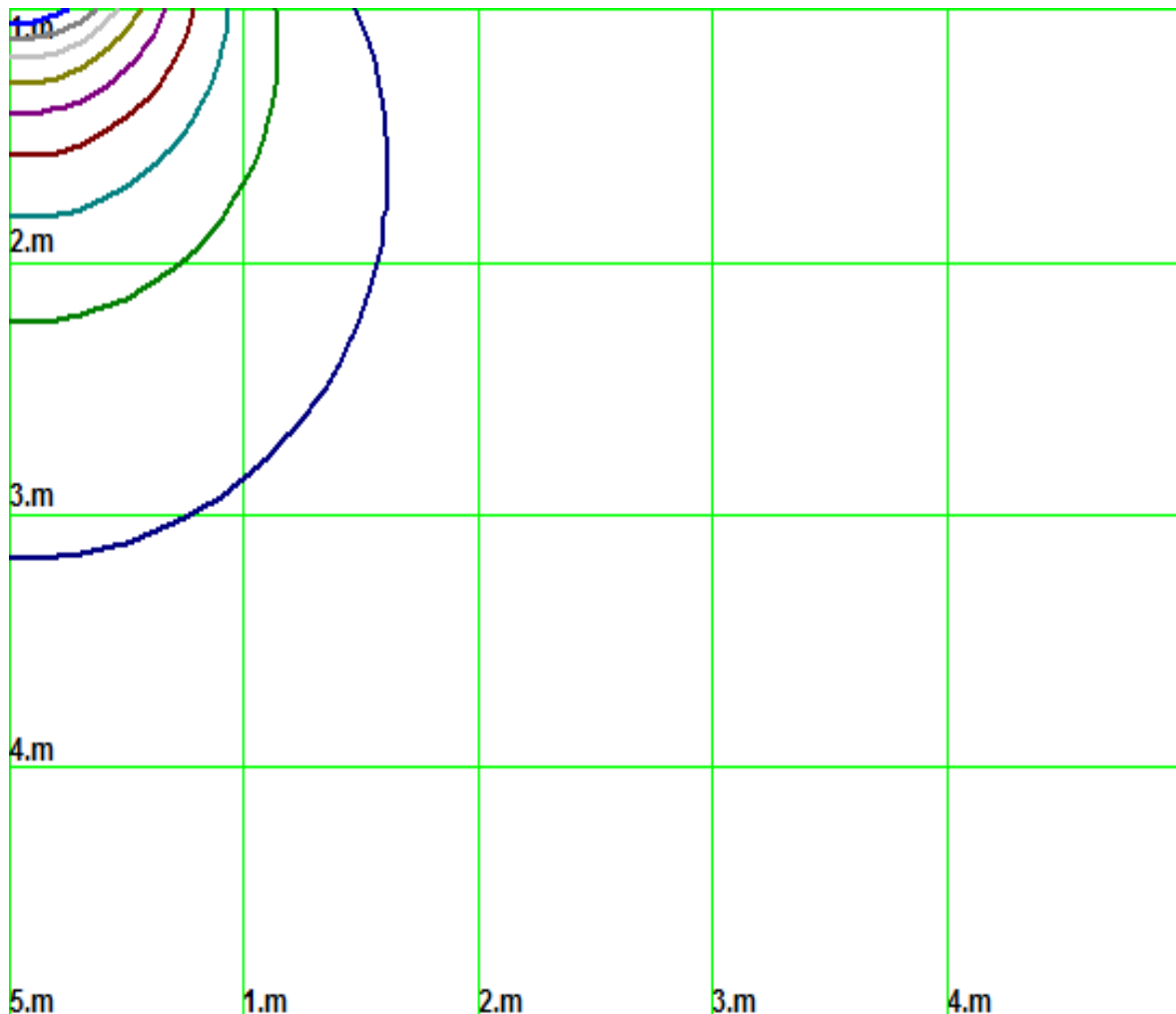
Isolx curve



Height: 1 m

(10%): 8175.9lx (20%): 16351.9lx (30%): 24527.8lx (40%): 32703.7lx
 (50%): 40879.6lx (60%): 49055.5lx (70%): 57231.5lx (80%): 65407.4lx
 (90%): 73583.3lx (100%): 81677.5lx

Space Isolx Curve



(10%): 8175.9lx (20%): 16351.9lx (30%): 24527.8lx (40%): 32703.7lx
 (50%): 40879.6lx (60%): 49055.5lx (70%): 57231.5lx (80%): 65407.4lx
 (90%): 73583.3lx (100%): 81677.5lx

Luminance Limiting Curve

Diameter: 1152mm

Length: 1152mm

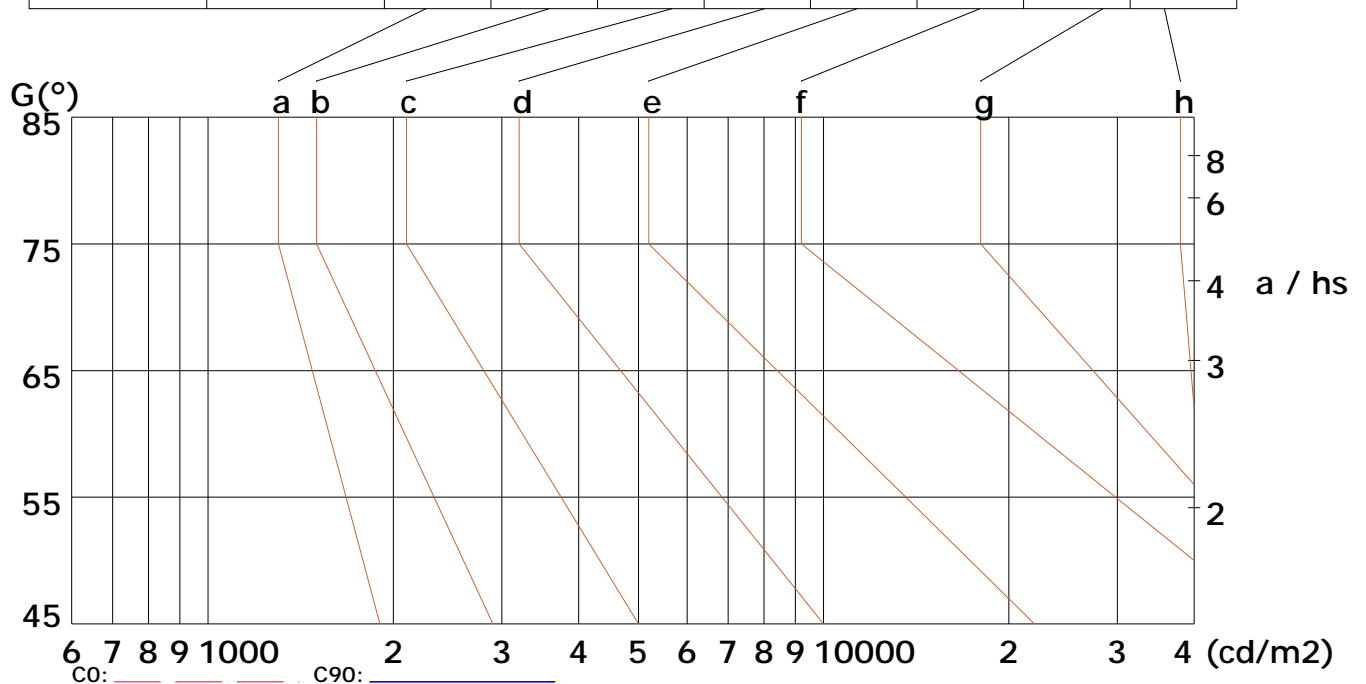
Width: 579mm

Height: 0mm

(cd/m2)

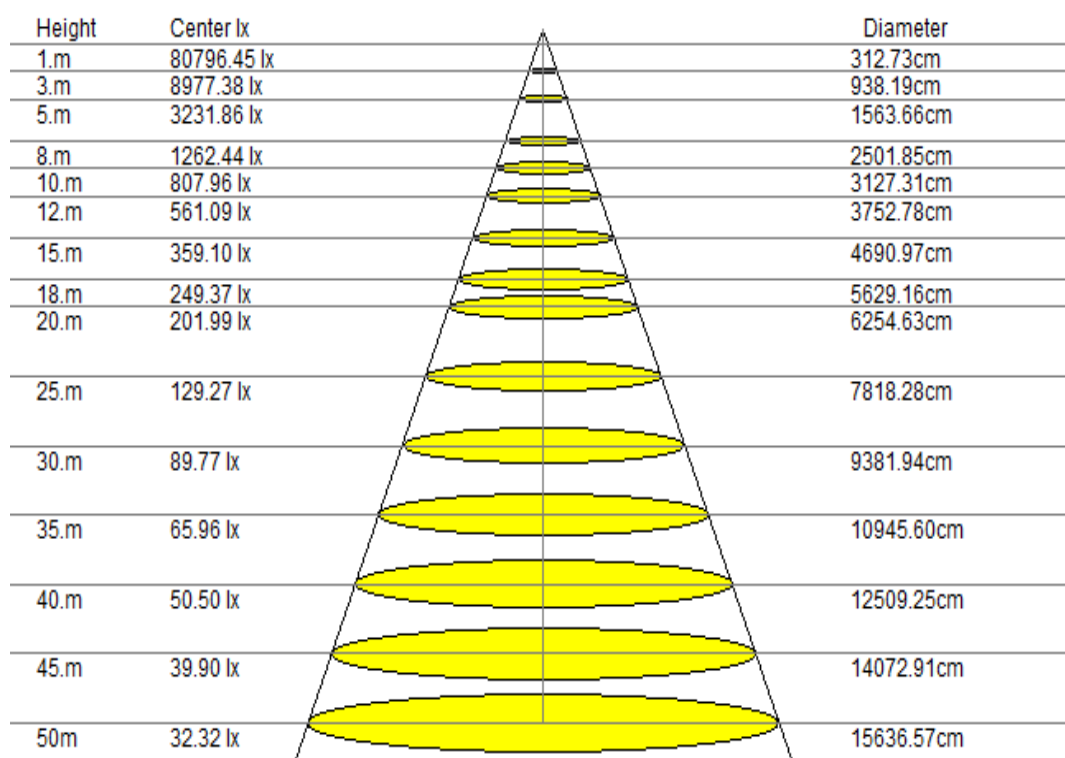
γ	45°	50°	55°	60°	65°	70°	75°	80°	85°
C0	1954704	1416884	832587	719748	562674	329888	176550	89510	17692
C90	210704	106848	604861	352527	264082	192833	183692	16726	154881

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: 114.80° (50%Imax)

Coefficients 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	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	1.00	1.02	1.00	0.98	0.99	0.96	0.94	0.94	0.92	0.89	0.88	0.85	0.83	0.78
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	0.70	0.65
3	0.75	0.72	0.70	0.75	0.71	0.69	0.74	0.70	0.66	0.72	0.67	0.63	0.69	0.64	0.59	0.55
4	0.65	0.62	0.60	0.65	0.61	0.59	0.65	0.60	0.56	0.64	0.58	0.54	0.62	0.56	0.51	0.47
5	0.57	0.54	0.52	0.57	0.53	0.51	0.58	0.52	0.49	0.57	0.51	0.47	0.56	0.49	0.44	0.40
6	0.50	0.47	0.45	0.51	0.47	0.44	0.51	0.46	0.43	0.51	0.45	0.41	0.51	0.44	0.39	0.35
7	0.44	0.42	0.40	0.45	0.42	0.39	0.46	0.41	0.38	0.47	0.41	0.36	0.46	0.40	0.34	0.31
8	0.40	0.37	0.36	0.41	0.37	0.35	0.42	0.37	0.34	0.43	0.37	0.32	0.43	0.36	0.31	0.28
9	0.36	0.33	0.32	0.37	0.33	0.31	0.38	0.33	0.30	0.39	0.33	0.29	0.39	0.33	0.28	0.25
10	0.33	0.30	0.29	0.34	0.30	0.28	0.35	0.30	0.27	0.36	0.30	0.26	0.37	0.30	0.25	0.22

Indoor Budgetary Estimate Chart

