

Luminaire Property

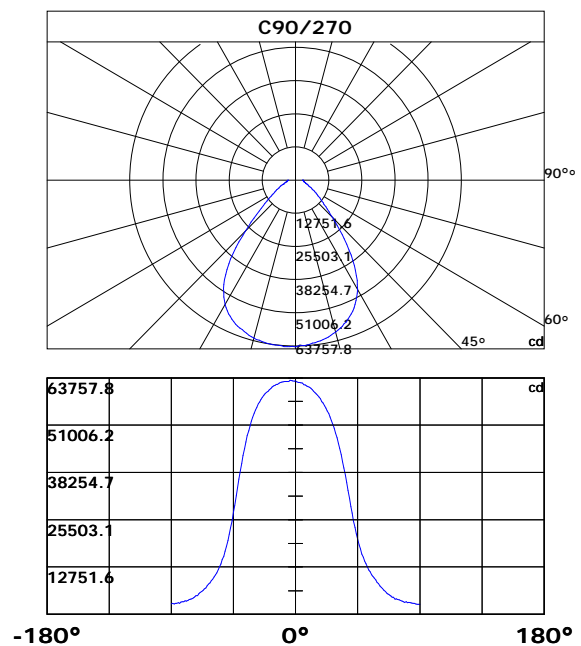
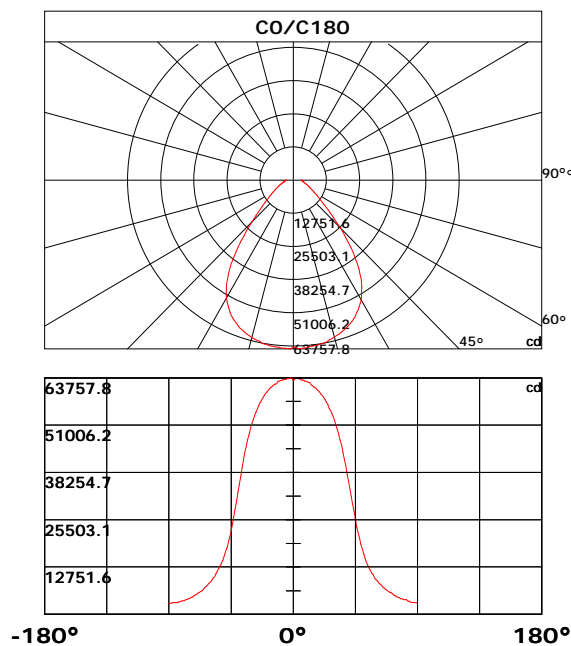
Luminaire Description: T500-720W-90D
Luminaire Category: LED FLOOD LIGHT
Lamp Category:
Lamp Description: CO-T500-720W-90D
Number of Lamp: 1
Lamp Lumens(lm): 119817
Luminous Length(m): 0.687
Luminous Width(m): 0.579
Luminous Height(m): 0.199

Voltage: 220.2 V
Current: 2.937 A
Power: 718.6 W
Power Factor: 0.964
Test Lab: Huipu-lab
Photometric Type: Type C
Manufactory:

Photometric Results

CIE Class: Direct
Measurement Flux: 119817.00 lm
Efficiency: 166.7367 lm/W
Central Intensity: 62978.26cd
Max. Intensity: 63757.76cd
Field Angle(10%Imax): Left: -68.0 Right:66.2

Max.Intensity Angle: C:0.0 G:2.0
Beam Angle(50%Imax): L: -42.5 R:39.9
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 | 62978.3 | 63383.2 | 63757.8 | 63573.3 | 63494.1 | 63418.9 | 63084.1 | 63179.3 | 62985.2 | 62906.0 |
| C22.5 | 62978.3 | 62592.9 | 62218.6 | 62139.4 | 62093.7 | 61602.4 | 61774.9 | 61448.1 | 61214.1 | 60990.6 |
| C45.0 | 62978.3 | 62503.7 | 62278.1 | 62242.4 | 62082.0 | 61893.8 | 61711.4 | 61519.2 | 61277.6 | 61042.1 |
| C67.5 | 62978.3 | 62418.5 | 62262.1 | 62424.5 | 62172.8 | 62058.2 | 61901.5 | 61638.2 | 61386.6 | 61190.4 |
| C90.0 | 62978.3 | 62715.9 | 62496.0 | 62557.1 | 62379.0 | 62317.5 | 61927.2 | 61871.8 | 61570.7 | 61424.3 |
| C112.5 | 62978.3 | 62971.2 | 62874.2 | 62836.5 | 62450.2 | 62428.5 | 62533.4 | 62180.9 | 61951.0 | 61850.0 |
| C135.0 | 62978.3 | 63123.9 | 62870.2 | 63018.6 | 62943.4 | 62777.0 | 62703.8 | 62381.0 | 62321.6 | 62141.4 |
| C157.5 | 62978.3 | 63420.9 | 63426.9 | 63335.7 | 63133.6 | 63036.6 | 63074.1 | 62963.1 | 62799.1 | 62646.4 |
| C180.0 | 62978.3 | 63708.0 | 63686.3 | 63613.1 | 63648.5 | 63395.2 | 63414.9 | 63216.8 | 63201.1 | 63012.9 |
| C202.5 | 62978.3 | 62674.1 | 62555.1 | 62434.5 | 62864.2 | 62644.3 | 62634.7 | 62695.8 | 62359.3 | 62648.4 |
| C225.0 | 62978.3 | 62682.1 | 62604.9 | 62737.6 | 62630.6 | 62804.7 | 62759.3 | 62802.7 | 62715.9 | 62693.8 |
| C247.5 | 62978.3 | 62781.0 | 62860.2 | 63090.1 | 62697.8 | 62868.2 | 62844.5 | 62862.2 | 62806.7 | 62741.6 |
| C270.0 | 62978.3 | 62826.5 | 62925.7 | 63040.7 | 63068.4 | 62781.0 | 62804.7 | 62799.1 | 62787.0 | 62705.8 |
| C292.5 | 62978.3 | 62883.9 | 62923.7 | 63224.8 | 63030.6 | 63012.9 | 62935.7 | 62812.8 | 62689.8 | 62535.4 |
| C315.0 | 62978.3 | 63207.1 | 63214.8 | 63169.3 | 63167.3 | 63044.7 | 62759.3 | 63088.1 | 62775.0 | 62745.3 |
| C337.5 | 62978.3 | 63258.5 | 63613.1 | 63567.3 | 63329.7 | 63228.8 | 63088.1 | 62935.7 | 62850.5 | 62555.1 |
| C360.0 | 62978.3 | 63383.2 | 63757.8 | 63573.3 | 63494.1 | 63418.9 | 63084.1 | 63179.3 | 62985.2 | 62906.0 |
| | | | | | | | | | | |
| C\G | G10.0 | G11.0 | G12.0 | G13.0 | G14.0 | G15.0 | G16.0 | G17.0 | G18.0 | G19.0 |
| C0.0 | 62759.3 | 62527.4 | 62494.0 | 61846.0 | 61689.7 | 61295.4 | 61101.2 | 60744.7 | 60334.6 | 59910.9 |
| C22.5 | 60865.6 | 60525.1 | 59912.9 | 59806.0 | 59504.9 | 59009.7 | 58760.1 | 58134.2 | 57312.2 | 57080.3 |
| C45.0 | 60634.0 | 60564.5 | 60021.9 | 59782.3 | 59360.2 | 58934.5 | 58544.2 | 57932.0 | 57581.5 | 56935.9 |
| C67.5 | 60724.9 | 60659.8 | 60283.2 | 59968.4 | 59332.5 | 59110.6 | 58470.7 | 58252.8 | 57710.2 | 57219.0 |
| C90.0 | 61226.2 | 60905.4 | 60622.0 | 60216.0 | 59764.2 | 59433.4 | 59049.1 | 58555.9 | 58072.7 | 57325.9 |
| C112.5 | 61557.0 | 61141.0 | 60923.1 | 60566.6 | 60331.0 | 59954.4 | 59469.2 | 58805.5 | 58563.9 | 57839.1 |
| C135.0 | 61887.8 | 61671.9 | 61438.0 | 61099.5 | 60780.4 | 60255.4 | 60045.6 | 59540.3 | 59182.1 | 58629.4 |
| C157.5 | 62404.8 | 62165.2 | 61848.0 | 61511.5 | 61352.8 | 61097.5 | 60722.9 | 60095.0 | 60041.6 | 59178.1 |
| C180.0 | 62872.2 | 62834.5 | 62161.2 | 62091.6 | 61844.0 | 61582.7 | 61200.4 | 60857.6 | 60414.2 | 59988.1 |
| C202.5 | 62505.7 | 62377.0 | 62363.0 | 62024.5 | 61973.0 | 61858.1 | 61632.2 | 61184.4 | 60863.6 | 60647.8 |
| C225.0 | 62596.9 | 62527.4 | 62394.7 | 62343.3 | 62042.2 | 61733.1 | 61705.4 | 61323.1 | 61178.7 | 60956.8 |
| C247.5 | 62620.6 | 62414.8 | 62184.9 | 62309.5 | 62048.2 | 61909.5 | 61648.2 | 61434.0 | 61216.2 | 60849.9 |
| C270.0 | 62571.2 | 62497.6 | 62345.3 | 62008.4 | 62032.2 | 61758.8 | 61521.2 | 61287.7 | 60853.9 | 60540.8 |
| C292.5 | 62753.3 | 62424.5 | 62204.6 | 62135.4 | 61580.7 | 61541.0 | 61237.9 | 61016.3 | 60606.3 | 60299.2 |
| C315.0 | 62462.2 | 62075.9 | 62084.0 | 61725.4 | 61695.7 | 61398.6 | 61051.7 | 60780.4 | 60180.3 | 59956.4 |
| C337.5 | 62555.1 | 62333.6 | 62167.2 | 61867.8 | 61521.2 | 61329.1 | 61230.2 | 60675.5 | 60402.1 | 59906.9 |
| C360.0 | 62759.3 | 62527.4 | 62494.0 | 61846.0 | 61689.7 | 61295.4 | 61101.2 | 60744.7 | 60334.6 | 59910.9 |
| | | | | | | | | | | |
| C\G | G20.0 | G21.0 | G22.0 | G23.0 | G24.0 | G25.0 | G26.0 | G27.0 | G28.0 | G29.0 |
| C0.0 | 59463.2 | 59007.7 | 58453.0 | 57942.1 | 57282.4 | 56569.3 | 55570.9 | 55034.2 | 54006.0 | 53196.0 |
| C22.5 | 56396.9 | 55796.8 | 54951.0 | 54303.4 | 53481.4 | 52310.5 | 51579.7 | 50393.1 | 49270.0 | 48067.7 |
| C45.0 | 56394.9 | 55743.3 | 54974.7 | 53946.9 | 53505.1 | 52225.3 | 51435.0 | 50221.0 | 49036.4 | 47903.3 |
| C67.5 | 56733.8 | 55731.6 | 55196.6 | 54356.9 | 53518.8 | 52756.3 | 51676.9 | 50432.9 | 49444.4 | 48016.2 |
| C90.0 | 56949.6 | 56212.8 | 55646.4 | 54857.8 | 54113.3 | 53243.5 | 52211.6 | 51088.5 | 50167.5 | 48899.7 |

Light intensity data Unit[cd]

| | | | | | | | | | | |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| C112.5 | 57601.2 | 56870.4 | 56317.7 | 55454.3 | 54683.7 | 53915.1 | 53071.4 | 51968.0 | 50987.6 | 49801.0 |
| C135.0 | 58140.2 | 57323.9 | 56842.7 | 56181.1 | 55432.2 | 54645.9 | 53645.8 | 52766.3 | 51611.4 | 50666.4 |
| C157.5 | 58716.6 | 58318.3 | 57631.0 | 56977.4 | 56040.4 | 55727.6 | 54600.5 | 53727.0 | 52821.8 | 51676.9 |
| C180.0 | 59522.6 | 58986.0 | 58354.1 | 57745.9 | 57066.6 | 56270.3 | 55410.5 | 54511.3 | 53590.3 | 52482.9 |
| C202.5 | 60071.3 | 59914.9 | 59388.0 | 59059.2 | 58580.0 | 58019.3 | 57536.1 | 56446.4 | 55967.2 | 55047.9 |
| C225.0 | 60649.8 | 60259.5 | 59815.7 | 59479.2 | 58958.2 | 58548.2 | 57844.8 | 57296.1 | 56411.0 | 55888.0 |
| C247.5 | 60578.6 | 60180.3 | 59810.0 | 59269.0 | 58817.6 | 58312.3 | 57759.6 | 57118.0 | 56448.4 | 55691.8 |
| C270.0 | 60057.6 | 59881.2 | 59471.2 | 59096.9 | 58474.7 | 57884.6 | 57252.7 | 56815.0 | 55828.5 | 55097.7 |
| C292.5 | 59736.5 | 59377.9 | 58827.3 | 58498.4 | 57896.3 | 57363.6 | 56678.3 | 55890.0 | 54925.3 | 54279.7 |
| C315.0 | 59417.7 | 59074.9 | 58672.9 | 58088.4 | 57430.8 | 56771.5 | 56036.4 | 55343.3 | 54529.0 | 53586.3 |
| C337.5 | 59263.3 | 58918.5 | 58526.2 | 57823.1 | 57363.6 | 56304.0 | 56016.6 | 55149.2 | 54095.2 | 53386.2 |
| C360.0 | 59463.2 | 59007.7 | 58453.0 | 57942.1 | 57282.4 | 56569.3 | 55570.9 | 55034.2 | 54006.0 | 53196.0 |
| | | | | | | | | | | |
| C\G | G30.0 | G31.0 | G32.0 | G33.0 | G34.0 | G35.0 | G36.0 | G37.0 | G38.0 | G39.0 |
| C0.0 | 52225.3 | 51003.3 | 49668.3 | 48470.0 | 46956.6 | 45556.2 | 43668.5 | 41984.7 | 40067.3 | 37815.4 |
| C22.5 | 46604.1 | 44866.8 | 43577.3 | 41725.4 | 40065.3 | 37995.5 | 36157.3 | 33966.5 | 31791.5 | 29969.3 |
| C45.0 | 46376.2 | 44851.1 | 43430.9 | 41596.7 | 39819.7 | 37844.8 | 35727.6 | 33988.3 | 31813.6 | 29706.0 |
| C67.5 | 46766.5 | 45443.2 | 43791.1 | 42299.8 | 40009.8 | 38276.8 | 36448.3 | 34253.9 | 32358.2 | 30202.9 |
| C90.0 | 47604.2 | 46114.9 | 44736.1 | 42985.1 | 41075.8 | 39449.4 | 37520.0 | 35456.2 | 33405.8 | 31215.1 |
| C112.5 | 48277.9 | 47240.0 | 45534.4 | 44268.6 | 42460.2 | 40584.2 | 38833.2 | 36612.7 | 34366.5 | 32530.3 |
| C135.0 | 49430.7 | 48105.4 | 46709.0 | 45062.9 | 43230.7 | 41602.4 | 39748.5 | 37670.7 | 35491.6 | 33491.0 |
| C157.5 | 50199.0 | 49341.5 | 47612.2 | 46067.1 | 44399.3 | 42733.5 | 40752.6 | 38597.6 | 36662.5 | 34398.3 |
| C180.0 | 51324.1 | 50052.6 | 48564.9 | 47075.6 | 45360.0 | 43527.8 | 41567.0 | 39599.8 | 37304.1 | 34933.3 |
| C202.5 | 54334.8 | 53356.4 | 52413.8 | 51078.5 | 49811.0 | 48257.8 | 46873.4 | 45120.4 | 43359.4 | 41477.7 |
| C225.0 | 54814.3 | 54043.8 | 53079.1 | 51922.5 | 50518.1 | 49236.6 | 47594.5 | 45958.1 | 44169.7 | 42069.9 |
| C247.5 | 54844.1 | 53768.4 | 52849.5 | 51702.7 | 50347.6 | 48980.9 | 47259.7 | 45653.1 | 43941.8 | 41877.7 |
| C270.0 | 54204.2 | 53073.4 | 52116.3 | 50746.0 | 49527.6 | 48152.9 | 46508.8 | 44694.4 | 42862.2 | 40685.5 |
| C292.5 | 53279.2 | 52144.1 | 51068.8 | 49581.1 | 48238.1 | 46905.1 | 45161.8 | 43343.7 | 41565.0 | 39435.4 |
| C315.0 | 52522.7 | 51288.6 | 50197.3 | 48727.3 | 47364.6 | 45837.5 | 44117.9 | 42240.3 | 40398.1 | 38136.2 |
| C337.5 | 52072.9 | 50777.4 | 49882.2 | 48533.2 | 47000.0 | 45556.2 | 43698.2 | 41939.2 | 39603.8 | 38042.9 |
| C360.0 | 52225.3 | 51003.3 | 49668.3 | 48470.0 | 46956.6 | 45556.2 | 43668.5 | 41984.7 | 40067.3 | 37815.4 |
| | | | | | | | | | | |
| C\G | G40.0 | G41.0 | G42.0 | G43.0 | G44.0 | G45.0 | G46.0 | G47.0 | G48.0 | G49.0 |
| C0.0 | 36090.1 | 33774.4 | 31773.8 | 29745.4 | 27657.6 | 25790.0 | 23498.0 | 21798.5 | 20447.8 | 18821.5 |
| C22.5 | 27742.8 | 25847.2 | 24159.7 | 22058.1 | 20602.2 | 19193.7 | 17628.9 | 16513.8 | 15428.4 | 14364.8 |
| C45.0 | 27649.9 | 25498.6 | 23896.3 | 22212.5 | 20372.3 | 19146.3 | 17547.7 | 16488.0 | 15275.7 | 14095.1 |
| C67.5 | 27964.7 | 26326.7 | 24096.2 | 22505.6 | 20887.2 | 19362.1 | 18078.6 | 16664.5 | 15644.3 | 14645.8 |
| C90.0 | 29014.6 | 27299.1 | 25146.1 | 23452.6 | 21685.5 | 20311.2 | 18708.5 | 17638.9 | 16258.1 | 15406.7 |
| C112.5 | 30310.2 | 28388.8 | 26259.2 | 24330.1 | 22694.0 | 20826.1 | 19560.3 | 18128.1 | 16925.8 | 15957.1 |
| C135.0 | 31338.0 | 28974.9 | 27134.7 | 25094.6 | 23333.6 | 21644.1 | 20015.8 | 18466.9 | 17492.2 | 16325.6 |
| C157.5 | 32235.3 | 30179.2 | 28014.2 | 25869.2 | 23834.9 | 22058.1 | 20531.0 | 19069.1 | 17839.0 | 16626.7 |
| C180.0 | 32894.9 | 30684.4 | 28396.4 | 26399.9 | 24336.1 | 22573.1 | 20730.9 | 19431.6 | 17995.4 | 16818.9 |
| C202.5 | 38934.5 | 36850.7 | 34632.2 | 32392.0 | 30090.3 | 28024.2 | 25746.2 | 23781.4 | 21966.9 | 20491.3 |
| C225.0 | 39942.6 | 37619.2 | 35454.2 | 32863.1 | 30646.7 | 28616.3 | 26384.1 | 24177.4 | 22495.9 | 20647.6 |

Light intensity data Unit[cd]

| | | | | | | | | | | |
|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| C247.5 | 39689.0 | 37417.1 | 35238.3 | 32758.2 | 30325.9 | 28240.1 | 26136.5 | 23993.2 | 22240.2 | 20340.6 |
| C270.0 | 38857.3 | 36414.9 | 34237.9 | 31961.9 | 29297.7 | 27445.8 | 25225.3 | 23347.7 | 21566.9 | 19891.1 |
| C292.5 | 37226.9 | 34957.0 | 32835.4 | 30607.2 | 28333.3 | 26382.1 | 24080.5 | 22323.5 | 20754.6 | 19118.5 |
| C315.0 | 36337.7 | 33956.5 | 31918.5 | 29652.5 | 27176.4 | 25554.1 | 23450.6 | 21743.0 | 20103.0 | 18655.1 |
| C337.5 | 36074.1 | 33604.0 | 31894.8 | 29484.1 | 27237.9 | 25512.7 | 23709.9 | 21657.8 | 20418.1 | 18667.1 |
| C360.0 | 36090.1 | 33774.4 | 31773.8 | 29745.4 | 27657.6 | 25790.0 | 23498.0 | 21798.5 | 20447.8 | 18821.5 |
| | | | | | | | | | | |
| C\G | G50.0 | G51.0 | G52.0 | G53.0 | G54.0 | G55.0 | G56.0 | G57.0 | G58.0 | G59.0 |
| C0.0 | 17527.9 | 16220.7 | 15034.1 | 14136.9 | 13132.8 | 12449.4 | 11752.0 | 11021.2 | 10599.2 | 9824.6 |
| C22.5 | 13530.7 | 12558.3 | 11989.6 | 11322.3 | 10676.4 | 10304.1 | 9501.8 | 9113.5 | 8830.5 | 8162.8 |
| C45.0 | 13605.9 | 12526.6 | 12080.8 | 11322.3 | 10537.7 | 10220.9 | 9773.1 | 9006.6 | 8830.5 | 8263.7 |
| C67.5 | 13750.6 | 12984.1 | 12294.7 | 11607.3 | 11062.6 | 10266.3 | 9878.1 | 9244.5 | 8757.0 | 8442.2 |
| C90.0 | 14346.8 | 13703.2 | 12744.5 | 11956.2 | 11470.7 | 10688.4 | 10203.2 | 9773.1 | 9289.9 | 8557.1 |
| C112.5 | 14996.7 | 13718.9 | 13326.6 | 12461.1 | 11888.7 | 11056.6 | 10302.1 | 10052.5 | 9359.1 | 8911.7 |
| C135.0 | 15275.7 | 14295.3 | 13592.2 | 12706.7 | 11869.0 | 11369.7 | 10749.9 | 10222.9 | 9628.8 | 9050.3 |
| C157.5 | 15436.1 | 14776.8 | 13582.2 | 12938.6 | 12273.0 | 11518.4 | 10870.5 | 10306.1 | 9553.3 | 9196.7 |
| C180.0 | 15703.8 | 14638.1 | 13645.7 | 12986.1 | 12320.4 | 11579.6 | 10872.5 | 10139.7 | 9785.2 | 9085.8 |
| C202.5 | 18821.5 | 17538.0 | 16466.3 | 15091.6 | 14113.2 | 13168.2 | 12554.3 | 11710.6 | 11143.8 | 10577.5 |
| C225.0 | 19116.5 | 17789.6 | 16448.6 | 15287.7 | 14220.1 | 13358.3 | 12411.6 | 11777.7 | 11086.4 | 10474.5 |
| C247.5 | 18888.6 | 17419.0 | 16254.5 | 15034.1 | 14047.7 | 13154.5 | 12235.2 | 11429.2 | 10833.1 | 10171.4 |
| C270.0 | 18193.6 | 17036.7 | 15634.3 | 14752.8 | 13586.2 | 12896.8 | 12102.5 | 11171.6 | 10591.2 | 10114.0 |
| C292.5 | 17656.6 | 16305.9 | 15208.6 | 14073.4 | 13176.2 | 12354.2 | 11605.3 | 10890.2 | 10308.1 | 9644.5 |
| C315.0 | 17175.4 | 16020.6 | 14717.3 | 13919.0 | 12926.6 | 12158.0 | 11419.2 | 10563.4 | 10157.4 | 9474.1 |
| C337.5 | 17488.5 | 15731.5 | 15000.4 | 14124.9 | 13011.8 | 12354.2 | 11629.0 | 10793.3 | 10357.6 | 9802.9 |
| C360.0 | 17527.9 | 16220.7 | 15034.1 | 14136.9 | 13132.8 | 12449.4 | 11752.0 | 11021.2 | 10599.2 | 9824.6 |
| | | | | | | | | | | |
| C\G | G60.0 | G61.0 | G62.0 | G63.0 | G64.0 | G65.0 | G66.0 | G67.0 | G68.0 | G69.0 |
| C0.0 | 9296.0 | 9042.3 | 8531.4 | 8095.3 | 7762.8 | 7251.6 | 7049.7 | 6657.4 | 6417.8 | 6200.0 |
| C22.5 | 7828.0 | 7422.0 | 7132.9 | 6800.1 | 6399.8 | 5964.1 | 5760.2 | 5306.4 | 5316.5 | 4639.1 |
| C45.0 | 7828.0 | 7524.9 | 6865.3 | 6823.8 | 6390.1 | 6033.6 | 5773.9 | 5340.2 | 5361.9 | 5114.3 |
| C67.5 | 7976.7 | 7426.0 | 7146.6 | 6687.2 | 6376.1 | 6073.0 | 5803.7 | 5546.4 | 5084.6 | 5025.4 |
| C90.0 | 8346.9 | 7606.1 | 7247.6 | 6913.1 | 6479.0 | 6104.7 | 5671.0 | 5423.4 | 5199.5 | 4955.9 |
| C112.5 | 8564.8 | 7988.4 | 7711.0 | 7273.3 | 6540.5 | 6449.6 | 6081.0 | 5876.8 | 5425.4 | 5100.6 |
| C135.0 | 8493.6 | 8339.3 | 7633.8 | 7309.0 | 6968.5 | 6635.7 | 6316.6 | 5982.1 | 5570.1 | 5369.9 |
| C157.5 | 8782.7 | 8309.5 | 7865.8 | 7432.0 | 7208.1 | 6610.0 | 6300.9 | 5974.1 | 5649.3 | 5369.9 |
| C180.0 | 8759.0 | 8325.2 | 7927.2 | 7552.6 | 7219.8 | 6742.6 | 6374.1 | 6138.5 | 5914.6 | 5683.0 |
| C202.5 | 9905.8 | 9289.9 | 8941.4 | 8487.6 | 7942.9 | 7612.1 | 7136.6 | 6821.8 | 6518.8 | 6124.5 |
| C225.0 | 9955.6 | 9375.1 | 8830.5 | 8620.3 | 8010.4 | 7655.9 | 7188.4 | 6768.4 | 6546.5 | 6114.8 |
| C247.5 | 9695.9 | 9157.3 | 8646.0 | 8152.8 | 7742.8 | 7426.0 | 7057.4 | 6790.1 | 6352.4 | 6096.7 |
| C270.0 | 9466.0 | 9062.0 | 8511.3 | 8168.8 | 7689.3 | 7116.9 | 6849.6 | 6415.8 | 6112.8 | 5946.3 |
| C292.5 | 9133.6 | 8501.7 | 8303.5 | 7903.2 | 7471.4 | 7142.6 | 6744.7 | 6407.8 | 6110.8 | 5867.2 |
| C315.0 | 9091.8 | 8634.3 | 8210.3 | 7932.9 | 7249.6 | 6968.5 | 6861.6 | 6417.8 | 6067.3 | 5766.2 |
| C337.5 | 9204.7 | 8723.5 | 8232.0 | 7945.0 | 7445.7 | 7328.8 | 7055.4 | 6330.6 | 6124.5 | 5902.9 |
| C360.0 | 9296.0 | 9042.3 | 8531.4 | 8095.3 | 7762.8 | 7251.6 | 7049.7 | 6657.4 | 6417.8 | 6200.0 |

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 | 5882.9 | 5797.6 | 5492.6 | 5136.3 | 4959.9 | 4724.3 | 4555.9 | 4447.0 | 4223.1 | 4207.1 |
| C22.5 | 4619.1 | 4500.4 | 4187.3 | 4116.2 | 3926.0 | 3848.8 | 3634.6 | 3579.2 | 3508.0 | 3405.1 |
| C45.0 | 4718.3 | 4619.1 | 4324.0 | 4282.6 | 3949.8 | 3864.5 | 3922.0 | 3684.4 | 3541.7 | 3504.0 |
| C67.5 | 4859.0 | 4484.4 | 4310.3 | 4179.3 | 4048.7 | 3993.2 | 3715.8 | 3682.4 | 3535.7 | 3561.5 |
| C90.0 | 4625.1 | 4621.1 | 4048.7 | 4199.4 | 3971.5 | 3914.0 | 3711.8 | 3506.0 | 3416.8 | 3198.9 |
| C112.5 | 4896.4 | 4648.8 | 4514.1 | 4464.7 | 4161.6 | 4024.9 | 3763.6 | 3686.1 | 3781.3 | 3559.5 |
| C135.0 | 5140.0 | 4857.0 | 4595.3 | 4421.3 | 4565.6 | 4050.7 | 4088.4 | 3910.0 | 3846.8 | 3779.3 |
| C157.5 | 5142.0 | 4864.7 | 4682.6 | 4516.2 | 4320.0 | 4153.6 | 3890.3 | 3892.3 | 3741.6 | 3591.2 |
| C180.0 | 5405.7 | 5183.8 | 4908.5 | 4678.6 | 4528.2 | 4326.0 | 4183.3 | 4018.9 | 3912.0 | 3672.4 |
| C202.5 | 5821.4 | 5581.8 | 5054.8 | 5078.9 | 4878.7 | 4458.7 | 4371.5 | 4268.5 | 4141.9 | 3926.0 |
| C225.0 | 5956.4 | 5605.5 | 5435.4 | 5118.3 | 4926.2 | 4648.8 | 4631.1 | 4359.8 | 4209.1 | 3963.5 |
| C247.5 | 5609.5 | 5605.5 | 5271.0 | 5120.3 | 4876.7 | 4650.8 | 4423.3 | 4393.5 | 4016.9 | 4014.9 |
| C270.0 | 5570.1 | 5064.8 | 5037.1 | 4720.3 | 4460.7 | 4217.1 | 4066.7 | 3967.5 | 3708.2 | 3587.2 |
| C292.5 | 5655.3 | 5350.2 | 5110.3 | 4926.2 | 4587.7 | 4502.5 | 4336.0 | 4227.1 | 4123.8 | 3957.8 |
| C315.0 | 5451.1 | 5290.7 | 4991.7 | 4836.9 | 4530.2 | 4393.5 | 4250.8 | 4016.9 | 3817.1 | 3908.0 |
| C337.5 | 5587.8 | 5296.7 | 4944.2 | 4765.8 | 4643.1 | 4361.8 | 4123.8 | 4005.2 | 4009.2 | 3781.3 |
| C360.0 | 5882.9 | 5797.6 | 5492.6 | 5136.3 | 4959.9 | 4724.3 | 4555.9 | 4447.0 | 4223.1 | 4207.1 |
| | | | | | | | | | | |
| C\G | G80.0 | G81.0 | G82.0 | G83.0 | G84.0 | G85.0 | G86.0 | G87.0 | G88.0 | G89.0 |
| C0.0 | 4042.6 | 3872.6 | 3963.5 | 3595.2 | 3595.2 | 3185.2 | 3220.6 | 3192.9 | 3104.0 | 3090.0 |
| C22.5 | 3292.1 | 3278.1 | 3090.0 | 3177.2 | 3181.2 | 3004.8 | 2901.8 | 2931.6 | 2838.3 | 2698.0 |
| C45.0 | 3339.6 | 3393.0 | 3422.8 | 3096.0 | 3096.0 | 3060.2 | 2941.6 | 2868.1 | 2808.6 | 2658.2 |
| C67.5 | 3349.6 | 3129.7 | 3236.7 | 3086.0 | 3068.2 | 3123.7 | 2953.3 | 2792.9 | 2777.2 | 3026.8 |
| C90.0 | 3393.0 | 3147.4 | 3234.7 | 3090.0 | 3058.2 | 2969.3 | 3000.7 | 2800.9 | 2739.4 | 2743.4 |
| C112.5 | 3385.0 | 3335.6 | 3171.2 | 3100.0 | 3252.4 | 3024.8 | 2979.0 | 2888.1 | 2858.4 | 2699.7 |
| C135.0 | 3599.2 | 3238.7 | 3329.6 | 3333.6 | 3151.4 | 3064.2 | 3026.8 | 3012.8 | 2850.4 | 2913.9 |
| C157.5 | 3520.0 | 3498.0 | 3315.9 | 3232.6 | 3204.9 | 3149.4 | 3012.8 | 3094.0 | 3066.2 | 2961.3 |
| C180.0 | 3629.0 | 3543.7 | 3412.8 | 3321.9 | 3155.5 | 3149.4 | 3210.9 | 3115.7 | 3060.2 | 2973.0 |
| C202.5 | 3781.3 | 3719.9 | 3555.4 | 3591.2 | 3405.1 | 3254.4 | 3236.7 | 3127.7 | 3115.7 | 3036.5 |
| C225.0 | 3745.6 | 3815.1 | 3510.0 | 3593.2 | 3401.1 | 3286.1 | 3280.1 | 3149.4 | 3108.0 | 2794.9 |
| C247.5 | 3886.3 | 3684.4 | 3587.2 | 3399.1 | 3448.5 | 3086.0 | 3070.2 | 2927.6 | 3022.8 | 2882.1 |
| C270.0 | 3660.4 | 3379.3 | 3414.8 | 3254.4 | 2979.0 | 3115.7 | 2997.1 | 2953.3 | 2804.9 | 2953.3 |
| C292.5 | 3775.3 | 3575.2 | 3506.0 | 3436.8 | 3333.6 | 3088.0 | 3098.0 | 3098.0 | 3066.2 | 2931.6 |
| C315.0 | 3711.8 | 3591.2 | 3448.5 | 3300.1 | 3305.8 | 3254.4 | 3066.2 | 3006.8 | 3042.5 | 3020.8 |
| C337.5 | 3680.4 | 3512.0 | 3494.0 | 3292.1 | 3294.1 | 3432.8 | 3115.7 | 3143.4 | 3038.5 | 3104.0 |
| C360.0 | 4042.6 | 3872.6 | 3963.5 | 3595.2 | 3595.2 | 3185.2 | 3220.6 | 3192.9 | 3104.0 | 3090.0 |
| | | | | | | | | | | |
| C\G | G90.0 | | | | | | | | | |
| C0.0 | 3131.7 | | | | | | | | | |
| C22.5 | 2786.9 | | | | | | | | | |
| C45.0 | 2812.6 | | | | | | | | | |
| C67.5 | 2913.9 | | | | | | | | | |
| C90.0 | 2741.4 | | | | | | | | | |

Light intensity data Unit[cd]

| | | | | | | | | | | |
|--------|--------|--|--|--|--|--|--|--|--|--|
| C112.5 | 2749.5 | | | | | | | | | |
| C135.0 | 2848.4 | | | | | | | | | |
| C157.5 | 2876.1 | | | | | | | | | |
| C180.0 | 2850.4 | | | | | | | | | |
| C202.5 | 2989.0 | | | | | | | | | |
| C225.0 | 2945.3 | | | | | | | | | |
| C247.5 | 2889.8 | | | | | | | | | |
| C270.0 | 2775.2 | | | | | | | | | |
| C292.5 | 2810.6 | | | | | | | | | |
| C315.0 | 2812.6 | | | | | | | | | |
| C337.5 | 2937.6 | | | | | | | | | |
| C360.0 | 3131.7 | | | | | | | | | |

Zonal Luminous Flux Data

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Flux [lm] | Zonal Flux [%] | Sum Flux [%] |
|--------------|---------------------------|--------------------|------------------|-------------------|-----------------|
| 0.0 | 62978.25 | 0.00 | 0.00 | 0.00 | 0.00 |
| 0.0-1.0 | 62946.95 | 60.25 | 60.25 | 0.05 | 0.05 |
| 1.0-2.0 | 62910.48 | 180.64 | 240.90 | 0.15 | 0.20 |
| 2.0-3.0 | 62937.80 | 300.99 | 541.88 | 0.25 | 0.45 |
| 3.0-4.0 | 62824.12 | 420.97 | 962.85 | 0.35 | 0.80 |
| 4.0-5.0 | 62707.07 | 540.03 | 1502.88 | 0.45 | 1.25 |
| 5.0-6.0 | 62621.98 | 658.64 | 2161.52 | 0.55 | 1.80 |
| 6.0-7.0 | 62524.68 | 776.78 | 2938.30 | 0.65 | 2.45 |
| 7.0-8.0 | 62355.70 | 893.75 | 3832.04 | 0.75 | 3.20 |
| 8.0-9.0 | 62239.35 | 1009.78 | 4841.82 | 0.84 | 4.04 |
| 9.0-10.0 | 62062.30 | 1124.88 | 5966.70 | 0.94 | 4.98 |
| 10.0-11.0 | 61852.84 | 1238.17 | 7204.87 | 1.03 | 6.01 |
| 11.0-12.0 | 61590.49 | 1349.41 | 8554.28 | 1.13 | 7.14 |
| 12.0-13.0 | 61331.40 | 1458.77 | 10013.05 | 1.22 | 8.36 |
| 13.0-14.0 | 61053.31 | 1566.51 | 11579.57 | 1.31 | 9.66 |
| 14.0-15.0 | 60762.62 | 1672.34 | 13251.91 | 1.40 | 11.06 |
| 15.0-16.0 | 60461.90 | 1776.28 | 15028.19 | 1.48 | 12.54 |
| 16.0-17.0 | 60038.73 | 1876.52 | 16904.71 | 1.57 | 14.11 |
| 17.0-18.0 | 59657.14 | 1973.53 | 18878.23 | 1.65 | 15.76 |
| 18.0-19.0 | 59204.05 | 2067.94 | 20946.17 | 1.73 | 17.48 |
| 19.0-20.0 | 58730.87 | 2158.54 | 23104.71 | 1.80 | 19.28 |
| 20.0-21.0 | 58224.87 | 2245.79 | 25350.49 | 1.87 | 21.16 |
| 21.0-22.0 | 57679.90 | 2329.16 | 27679.64 | 1.94 | 23.10 |
| 22.0-23.0 | 57067.49 | 2407.71 | 30087.36 | 2.01 | 25.11 |
| 23.0-24.0 | 56415.32 | 2481.14 | 32568.50 | 2.07 | 27.18 |
| 24.0-25.0 | 55679.21 | 2548.78 | 35117.28 | 2.13 | 29.31 |
| 25.0-26.0 | 54895.42 | 2610.13 | 37727.39 | 2.18 | 31.49 |
| 26.0-27.0 | 54012.51 | 2664.46 | 40391.85 | 2.22 | 33.71 |
| 27.0-28.0 | 53071.25 | 2711.13 | 43102.99 | 2.26 | 35.97 |
| 28.0-29.0 | 52105.48 | 2751.72 | 45854.71 | 2.30 | 38.27 |
| 29.0-30.0 | 50930.01 | 2781.94 | 48636.65 | 2.32 | 40.59 |
| 30.0-31.0 | 49716.92 | 2800.86 | 51437.51 | 2.34 | 42.93 |
| 31.0-32.0 | 48451.95 | 2812.42 | 54249.93 | 2.35 | 45.28 |
| 32.0-33.0 | 46990.15 | 2811.76 | 57061.69 | 2.35 | 47.62 |
| 33.0-34.0 | 45386.53 | 2795.59 | 59857.28 | 2.33 | 49.96 |
| 34.0-35.0 | 43781.10 | 2769.22 | 62626.49 | 2.31 | 52.27 |
| 35.0-36.0 | 41977.34 | 2730.57 | 65357.06 | 2.28 | 54.55 |
| 36.0-37.0 | 40067.48 | 2675.84 | 68032.90 | 2.23 | 56.78 |
| 37.0-38.0 | 38072.57 | 2608.21 | 70641.12 | 2.18 | 58.96 |
| 38.0-39.0 | 35999.18 | 2528.27 | 73169.40 | 2.11 | 61.07 |
| 39.0-40.0 | 33893.92 | 2437.62 | 75607.02 | 2.03 | 63.10 |

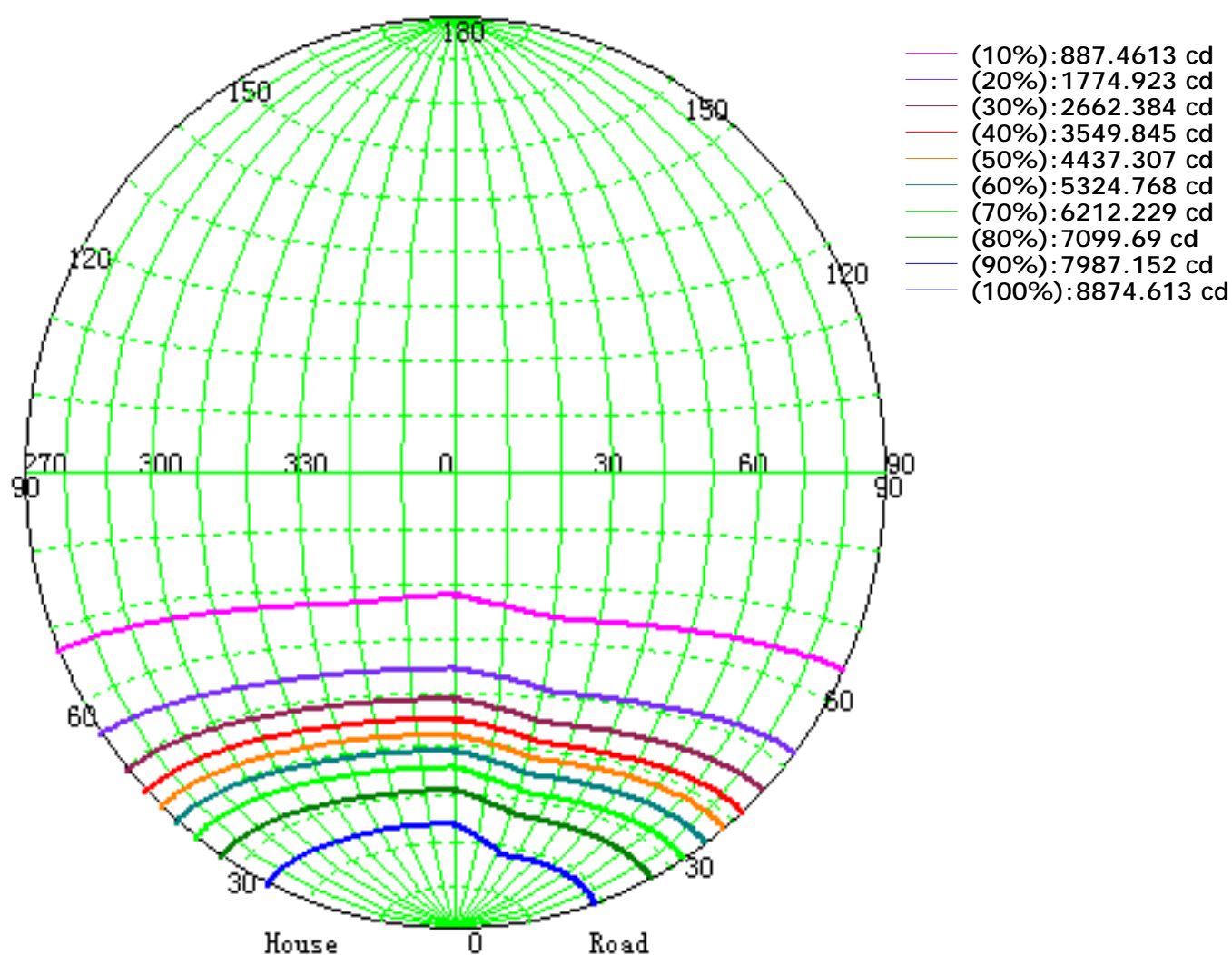
Zonal Luminous Flux Data

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Flux [lm] | Zonal Flux [%] | Sum Flux [%] |
|--------------|---------------------------|--------------------|------------------|-------------------|-----------------|
| 40.0-41.0 | 31737.03 | 2337.09 | 77944.09 | 1.95 | 65.05 |
| 41.0-42.0 | 29692.98 | 2231.86 | 80175.95 | 1.86 | 66.92 |
| 42.0-43.0 | 27586.70 | 2121.81 | 82297.75 | 1.77 | 68.69 |
| 43.0-44.0 | 25531.98 | 2004.85 | 84302.62 | 1.67 | 70.36 |
| 44.0-45.0 | 23792.50 | 1895.60 | 86198.21 | 1.58 | 71.94 |
| 45.0-46.0 | 21939.55 | 1788.48 | 87986.69 | 1.49 | 73.43 |
| 46.0-47.0 | 20326.46 | 1681.03 | 89667.71 | 1.40 | 74.84 |
| 47.0-48.0 | 18928.28 | 1586.88 | 91254.59 | 1.32 | 76.16 |
| 48.0-49.0 | 17554.60 | 1498.19 | 92752.77 | 1.25 | 77.41 |
| 49.0-50.0 | 16344.69 | 1413.38 | 94166.16 | 1.18 | 78.59 |
| 50.0-51.0 | 15203.96 | 1334.78 | 95500.94 | 1.11 | 79.71 |
| 51.0-52.0 | 14251.27 | 1263.95 | 96764.88 | 1.05 | 80.76 |
| 52.0-53.0 | 13357.57 | 1200.98 | 97965.88 | 1.00 | 81.76 |
| 53.0-54.0 | 12519.56 | 1140.56 | 99106.43 | 0.95 | 82.71 |
| 54.0-55.0 | 11806.11 | 1085.86 | 100192.30 | 0.91 | 83.62 |
| 55.0-56.0 | 11116.28 | 1035.80 | 101228.10 | 0.86 | 84.49 |
| 56.0-57.0 | 10451.01 | 986.11 | 102214.20 | 0.82 | 85.31 |
| 57.0-58.0 | 9944.43 | 943.16 | 103157.40 | 0.79 | 86.10 |
| 58.0-59.0 | 9359.61 | 902.48 | 104059.80 | 0.75 | 86.85 |
| 59.0-60.0 | 8895.57 | 862.44 | 104922.30 | 0.72 | 87.57 |
| 60.0-61.0 | 8420.48 | 826.36 | 105748.60 | 0.69 | 88.26 |
| 61.0-62.0 | 7983.55 | 790.44 | 106539.10 | 0.66 | 88.92 |
| 62.0-63.0 | 7631.07 | 759.42 | 107298.50 | 0.63 | 89.55 |
| 63.0-64.0 | 7181.06 | 726.83 | 108025.30 | 0.61 | 90.16 |
| 64.0-65.0 | 6819.74 | 692.89 | 108718.20 | 0.58 | 90.74 |
| 65.0-66.0 | 6501.55 | 664.65 | 109382.90 | 0.55 | 91.29 |
| 66.0-67.0 | 6137.36 | 635.52 | 110018.40 | 0.53 | 91.82 |
| 67.0-68.0 | 5860.78 | 607.79 | 110626.20 | 0.51 | 92.33 |
| 68.0-69.0 | 5579.80 | 583.64 | 111209.80 | 0.49 | 92.82 |
| 69.0-70.0 | 5308.75 | 559.22 | 111769.00 | 0.47 | 93.28 |
| 70.0-71.0 | 5085.77 | 537.25 | 112306.30 | 0.45 | 93.73 |
| 71.0-72.0 | 4806.74 | 514.38 | 112820.70 | 0.43 | 94.16 |
| 72.0-73.0 | 4660.07 | 495.05 | 113315.70 | 0.41 | 94.57 |
| 73.0-74.0 | 4458.40 | 479.38 | 113795.10 | 0.40 | 94.97 |
| 74.0-75.0 | 4258.33 | 460.56 | 114255.60 | 0.38 | 95.36 |
| 75.0-76.0 | 4104.32 | 443.92 | 114699.50 | 0.37 | 95.73 |
| 76.0-77.0 | 3977.80 | 430.90 | 115130.50 | 0.36 | 96.09 |
| 77.0-78.0 | 3845.83 | 418.80 | 115549.30 | 0.35 | 96.44 |
| 78.0-79.0 | 3726.10 | 406.84 | 115956.10 | 0.34 | 96.78 |
| 79.0-80.0 | 3611.96 | 395.61 | 116351.70 | 0.33 | 97.11 |
| 80.0-81.0 | 3482.12 | 383.64 | 116735.40 | 0.32 | 97.43 |

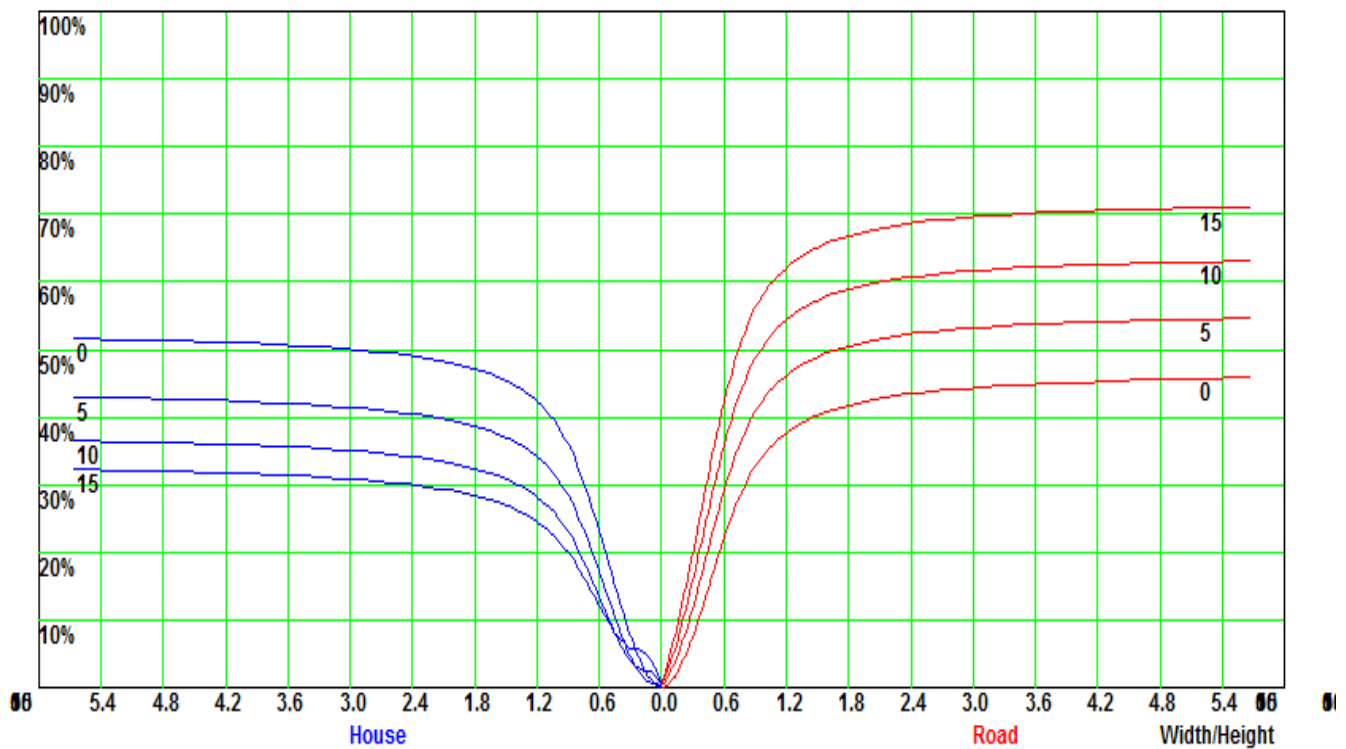
Zonal Luminous Flux Data

[illegible]

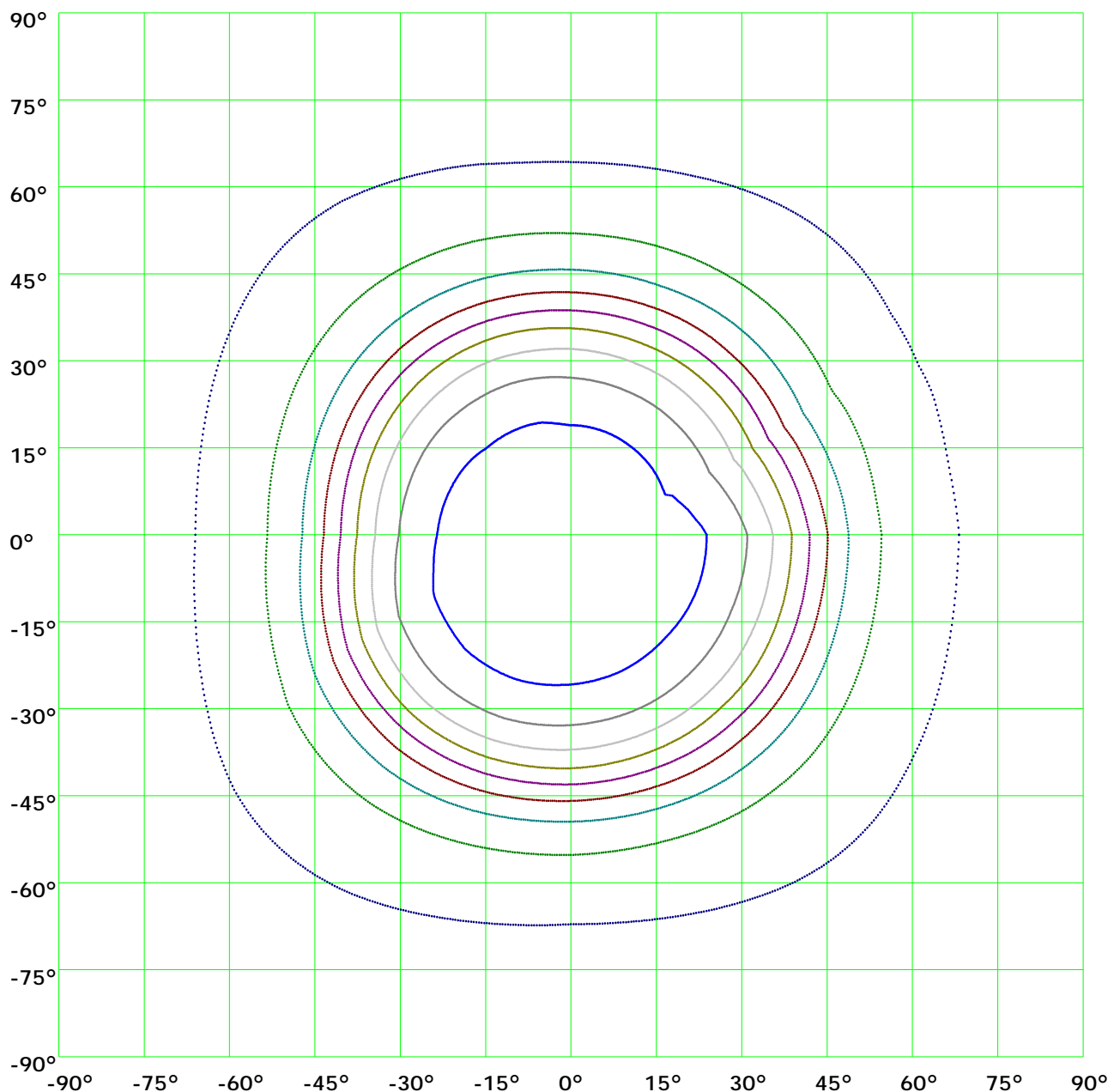
Iso-Candela [cd]



Coefficient Utilization Curve

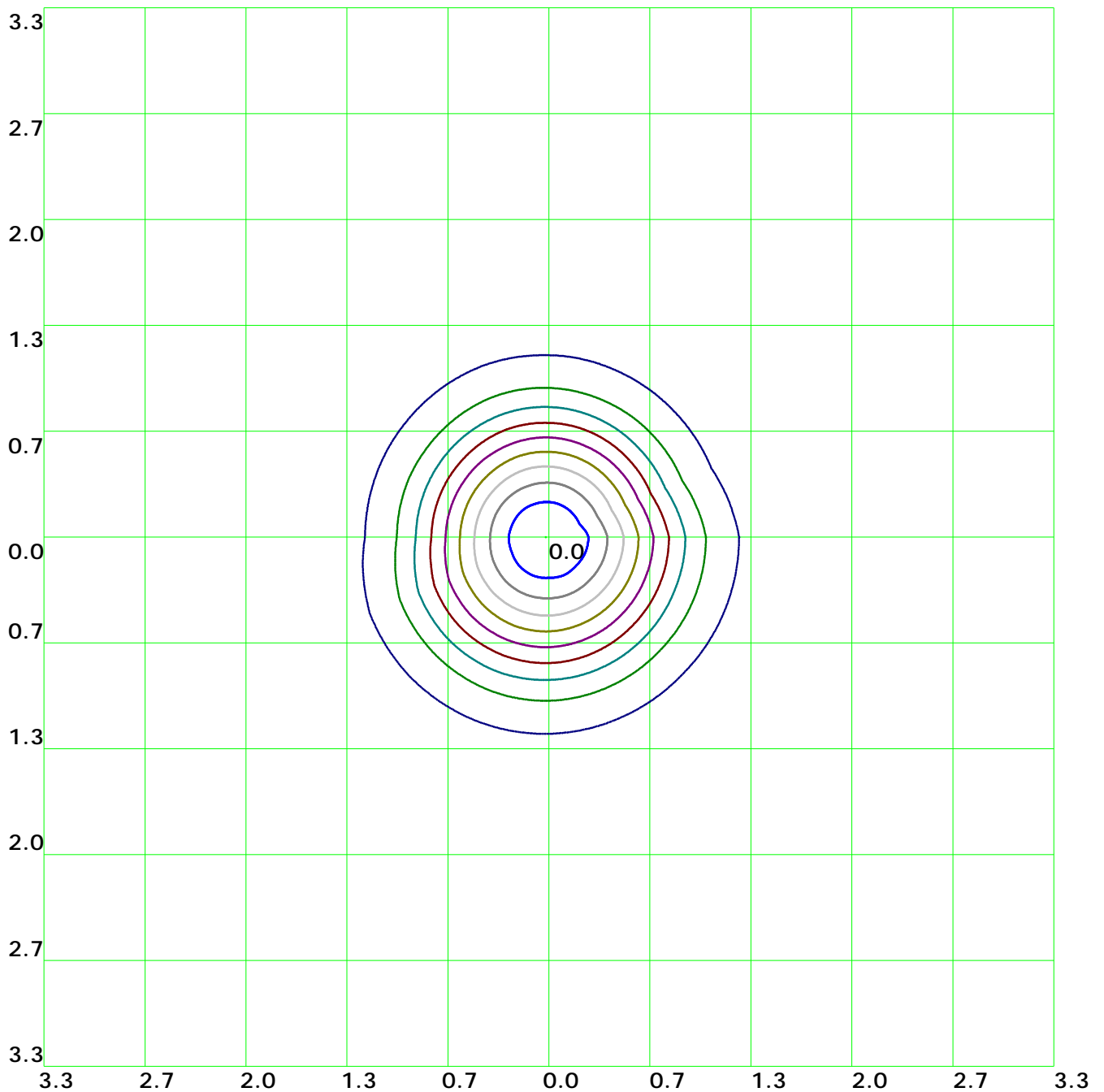


Isocandela(rectangle)



(10%): 6375.8cd (20%): 12751.6cd (30%): 19127.3cd (40%): 25503.1cd
(50%): 31878.9cd (60%): 38254.7cd (70%): 44630.4cd (80%): 51006.2cd
(90%): 57382.cd (100%): 63757.8cd

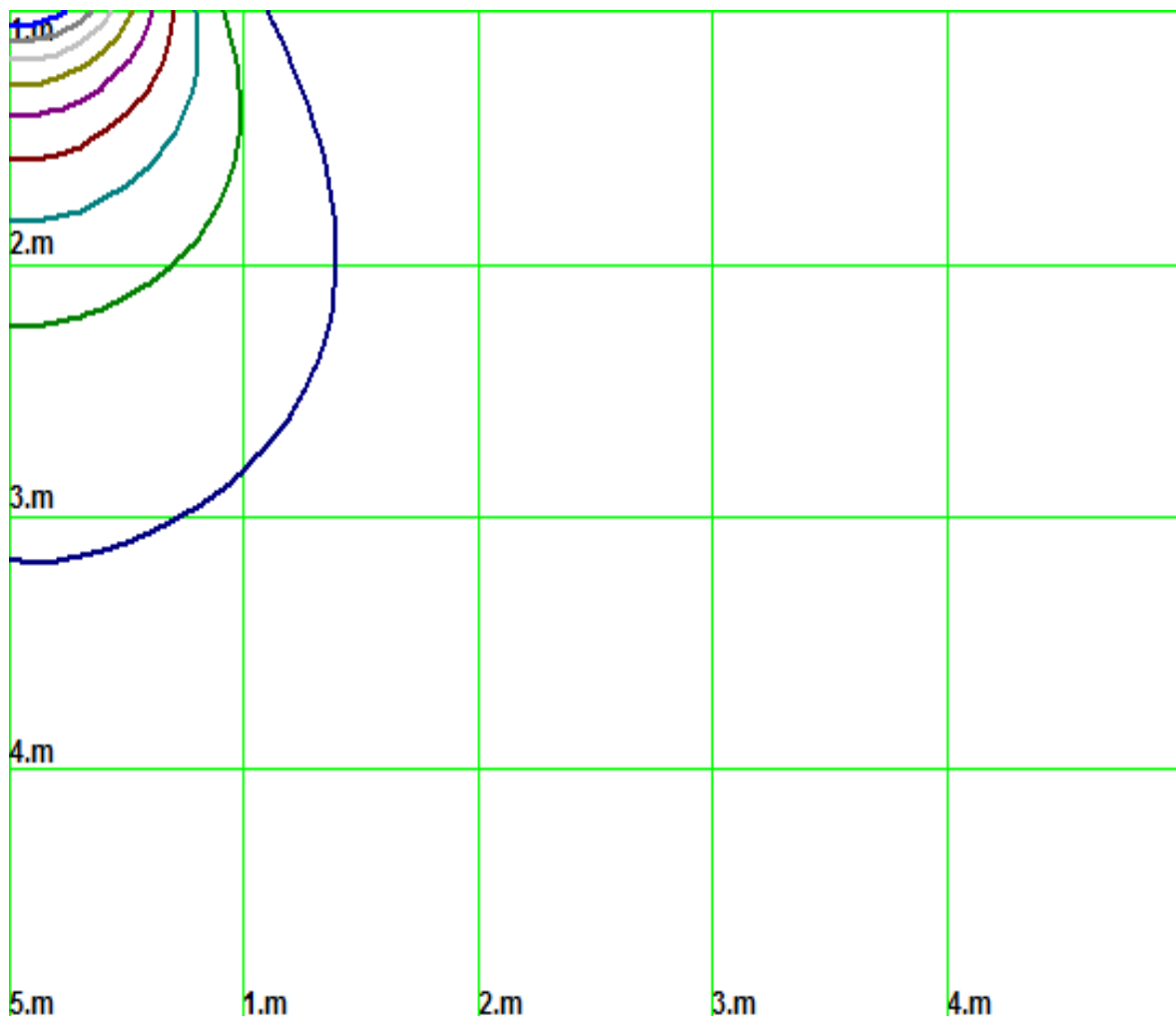
Isolx curve



Height: 1 m

(10%): 6375.8lx (20%): 12751.6lx (30%): 19127.3lx (40%): 25503.1lx
(50%): 31878.9lx (60%): 38254.7lx (70%): 44630.4lx (80%): 51006.2lx
(90%): 57382.1lx (100%): 63694.1lx

Space Isolx Curve



(10%): 6375.8lx (20%): 12751.6lx (30%): 19127.3lx (40%): 25503.1lx
 (50%): 31878.9lx (60%): 38254.7lx (70%): 44630.4lx (80%): 51006.2lx
 (90%): 57382.1lx (100%): 63694.1lx

Luminance Limiting Curve

Diameter: 291mm

Length: 291mm

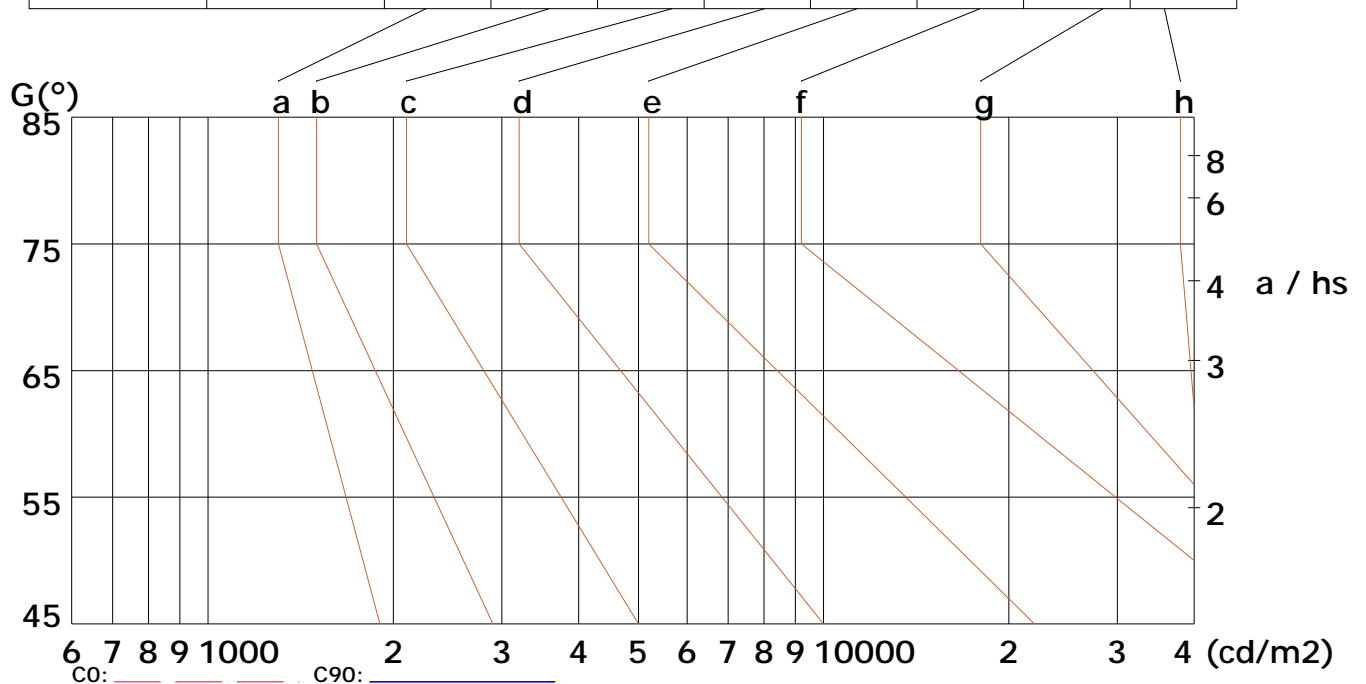
Width: 102mm

Height: 0mm

(cd/m2)

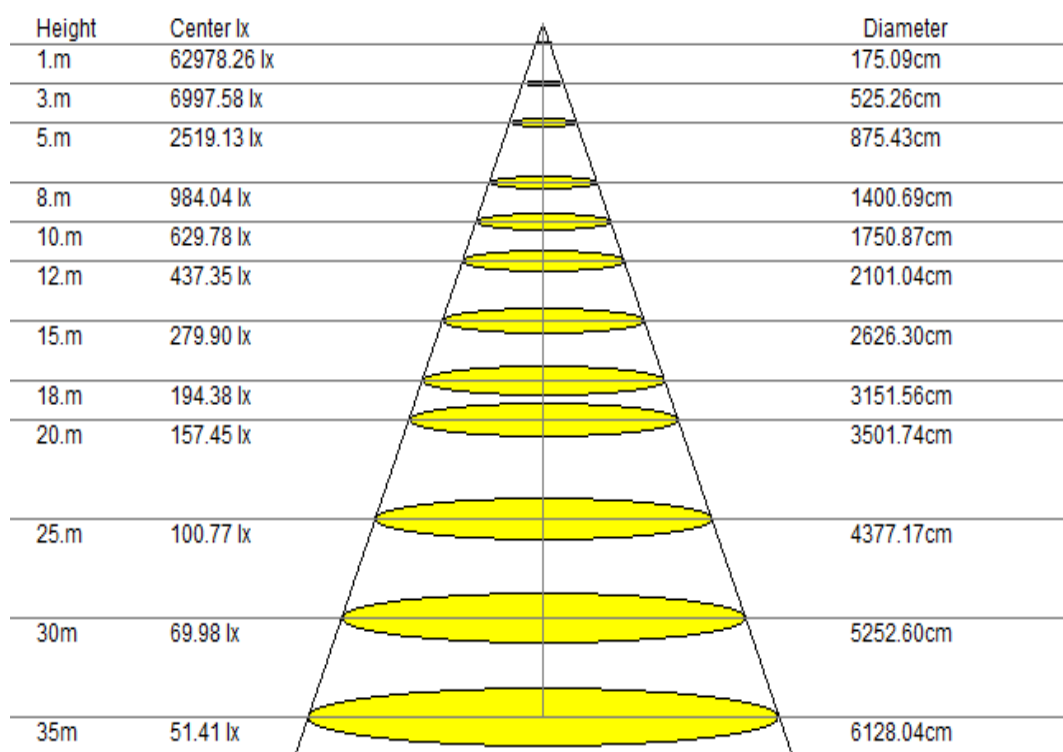
| γ | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| C0 | 718105 | 557990 | 465864 | 417347 | 361126 | 338073 | 378063 | 488494 | 51731 |
| C90 | 911815 | 581715 | 426224 | 464798 | 428967 | 430008 | 456335 | 582017 | 713651 |

| 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: 82.40°(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 | 1.07 | 1.05 | 1.04 | 1.06 | 1.04 | 1.02 | 1.02 | 1.00 | 0.98 | 0.97 | 0.95 | 0.93 | 0.90 | 0.88 | 0.86 | 0.81 |
| 2 | 0.94 | 0.92 | 0.91 | 0.94 | 0.91 | 0.89 | 0.91 | 0.88 | 0.85 | 0.87 | 0.84 | 0.81 | 0.82 | 0.79 | 0.75 | 0.71 |
| 3 | 0.84 | 0.81 | 0.80 | 0.83 | 0.80 | 0.78 | 0.82 | 0.78 | 0.75 | 0.79 | 0.75 | 0.71 | 0.75 | 0.71 | 0.67 | 0.62 |
| 4 | 0.75 | 0.72 | 0.71 | 0.75 | 0.72 | 0.69 | 0.74 | 0.70 | 0.66 | 0.72 | 0.67 | 0.63 | 0.69 | 0.64 | 0.59 | 0.55 |
| 5 | 0.67 | 0.65 | 0.63 | 0.67 | 0.64 | 0.62 | 0.67 | 0.63 | 0.59 | 0.65 | 0.60 | 0.56 | 0.63 | 0.58 | 0.53 | 0.49 |
| 6 | 0.61 | 0.58 | 0.57 | 0.61 | 0.58 | 0.56 | 0.61 | 0.57 | 0.53 | 0.60 | 0.55 | 0.51 | 0.59 | 0.53 | 0.48 | 0.44 |
| 7 | 0.55 | 0.53 | 0.52 | 0.56 | 0.53 | 0.51 | 0.56 | 0.51 | 0.48 | 0.55 | 0.50 | 0.46 | 0.54 | 0.48 | 0.44 | 0.40 |
| 8 | 0.51 | 0.48 | 0.47 | 0.51 | 0.48 | 0.46 | 0.51 | 0.47 | 0.44 | 0.51 | 0.46 | 0.42 | 0.51 | 0.44 | 0.40 | 0.37 |
| 9 | 0.46 | 0.44 | 0.43 | 0.47 | 0.44 | 0.42 | 0.48 | 0.43 | 0.40 | 0.48 | 0.42 | 0.38 | 0.47 | 0.41 | 0.37 | 0.34 |
| 10 | 0.43 | 0.41 | 0.40 | 0.43 | 0.40 | 0.39 | 0.44 | 0.40 | 0.37 | 0.44 | 0.39 | 0.35 | 0.44 | 0.38 | 0.34 | 0.31 |

Indoor Budgetary Estimate Chart

