

Luminaire Property

Luminaire: RH-MSD24 24W 3000K

Report NO.:

Test NO.: HLB210908

Lamp:

Sum Lumens: 1997.65 lm

Number of Lamps: 1

Diameter: mm

Length: 300mm

Photometric Type: Type C

Voltage: 231.1 V

Current: 0.101 A

Power: 22.6 W

Power Factor: 0.966

Ballast Type: DL-30H-C600-LAC 600mA

Width: 300mm

Height: 38 mm

Remark: 0.5w SMD2835

Photometric Results

Lumens: 1997.65 lm

Efficiency: 88.3916 lm/W

Central Intensity: 724.627cd

Maximum Intensity: 726.502cd

Beam Angle(10%): Left: -78.2 Right:79.5

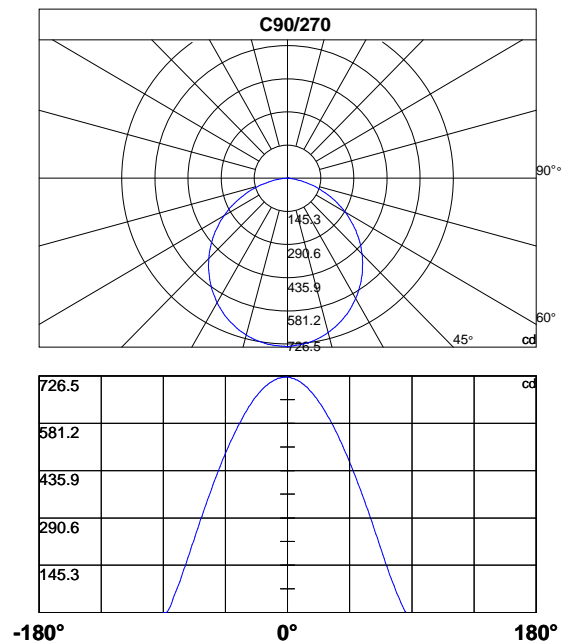
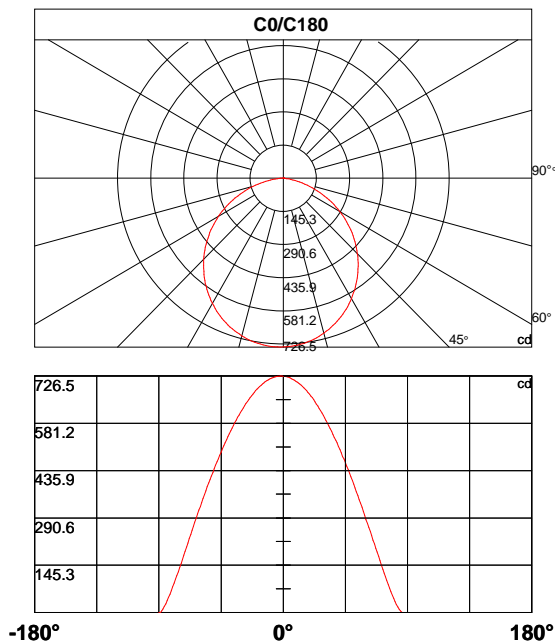
Angle of maximum intensity: C:135.0 G:1.0

Half Peak Side Angle(50%): Left: -54.7 Right:55.9

Light Out Rate(LOR) : 100.00%

Up Flux Rate: 0.0%

Down Flux Rate: 100.0%



Photometric Data Table [cd]

| C\G | 0.0 | 1.0 | 2.0 | 3.0 | 4.0 | 5.0 | 6.0 | 7.0 | 8.0 | 9.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 724.6 | 725.5 | 724.7 | 723.8 | 722.3 | 720.7 | 718.4 | 716.2 | 714.2 | 711.2 |
| 45.0 | 724.6 | 722.2 | 721.5 | 720.2 | 718.9 | 717.4 | 715.4 | 713.9 | 711.1 | 709.0 |
| 90.0 | 724.6 | 722.2 | 721.5 | 720.2 | 718.9 | 717.4 | 715.4 | 713.9 | 711.1 | 709.0 |
| 135.0 | 724.6 | 726.5 | 726.3 | 725.8 | 725.8 | 724.8 | 723.6 | 722.1 | 720.7 | 719.2 |
| 180.0 | 724.6 | 726.5 | 726.3 | 725.8 | 725.8 | 724.8 | 723.6 | 722.1 | 720.7 | 719.2 |
| 225.0 | 724.6 | 723.1 | 722.8 | 722.6 | 721.8 | 721.2 | 720.0 | 719.3 | 717.0 | 715.2 |
| 270.0 | 724.6 | 723.1 | 722.8 | 722.6 | 721.8 | 721.2 | 720.0 | 719.3 | 717.0 | 715.2 |
| 315.0 | 724.6 | 725.5 | 724.7 | 723.8 | 722.3 | 720.7 | 718.4 | 716.2 | 714.2 | 711.2 |
| 360.0 | 724.6 | 725.5 | 724.7 | 723.8 | 722.3 | 720.7 | 718.4 | 716.2 | 714.2 | 711.2 |

| C\G | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 708.6 | 704.9 | 702.0 | 697.9 | 694.0 | 689.8 | 685.1 | 681.2 | 675.6 | 670.3 |
| 45.0 | 705.6 | 702.2 | 699.0 | 695.3 | 692.1 | 687.3 | 682.8 | 677.8 | 673.5 | 668.6 |
| 90.0 | 705.6 | 702.2 | 699.0 | 695.3 | 692.1 | 687.3 | 682.8 | 677.8 | 673.5 | 668.6 |
| 135.0 | 716.7 | 714.3 | 711.6 | 708.9 | 705.4 | 702.2 | 698.2 | 694.2 | 689.9 | 686.2 |
| 180.0 | 716.7 | 714.3 | 711.6 | 708.9 | 705.4 | 702.2 | 698.2 | 694.2 | 689.9 | 686.2 |
| 225.0 | 713.5 | 710.7 | 708.5 | 705.0 | 702.1 | 698.1 | 694.8 | 691.1 | 687.0 | 682.3 |
| 270.0 | 713.5 | 710.7 | 708.5 | 705.0 | 702.1 | 698.1 | 694.8 | 691.1 | 687.0 | 682.3 |
| 315.0 | 708.6 | 704.9 | 702.0 | 697.9 | 694.0 | 689.8 | 685.1 | 681.2 | 675.6 | 670.3 |
| 360.0 | 708.6 | 704.9 | 702.0 | 697.9 | 694.0 | 689.8 | 685.1 | 681.2 | 675.6 | 670.3 |

| C\G | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 | 28.0 | 29.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 665.0 | 659.6 | 653.4 | 647.3 | 640.5 | 634.2 | 626.9 | 620.9 | 613.1 | 606.0 |
| 45.0 | 662.9 | 657.5 | 651.5 | 645.1 | 639.6 | 632.9 | 626.1 | 618.7 | 611.5 | 604.0 |
| 90.0 | 662.9 | 657.5 | 651.5 | 645.1 | 639.6 | 632.9 | 626.1 | 618.7 | 611.5 | 604.0 |
| 135.0 | 681.5 | 676.1 | 671.2 | 665.4 | 659.6 | 654.2 | 648.1 | 642.1 | 635.2 | 627.9 |
| 180.0 | 681.5 | 676.1 | 671.2 | 665.4 | 659.6 | 654.2 | 648.1 | 642.1 | 635.2 | 627.9 |
| 225.0 | 677.5 | 672.5 | 667.1 | 663.0 | 656.8 | 651.1 | 644.4 | 638.3 | 632.1 | 625.0 |
| 270.0 | 677.5 | 672.5 | 667.1 | 663.0 | 656.8 | 651.1 | 644.4 | 638.3 | 632.1 | 625.0 |
| 315.0 | 665.0 | 659.6 | 653.4 | 647.3 | 640.5 | 634.2 | 626.9 | 620.9 | 613.1 | 606.0 |
| 360.0 | 665.0 | 659.6 | 653.4 | 647.3 | 640.5 | 634.2 | 626.9 | 620.9 | 613.1 | 606.0 |

| C\G | 30.0 | 31.0 | 32.0 | 33.0 | 34.0 | 35.0 | 36.0 | 37.0 | 38.0 | 39.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 597.8 | 589.6 | 581.5 | 573.7 | 565.2 | 556.6 | 546.9 | 537.9 | 529.5 | 520.8 |
| 45.0 | 597.0 | 589.7 | 581.1 | 573.2 | 564.6 | 556.7 | 548.2 | 538.6 | 529.5 | 520.1 |
| 90.0 | 597.0 | 589.7 | 581.1 | 573.2 | 564.6 | 556.7 | 548.2 | 538.6 | 529.5 | 520.1 |
| 135.0 | 620.6 | 614.6 | 606.8 | 599.3 | 590.9 | 583.2 | 574.4 | 566.8 | 558.6 | 549.0 |
| 180.0 | 620.6 | 614.6 | 606.8 | 599.3 | 590.9 | 583.2 | 574.4 | 566.8 | 558.6 | 549.0 |
| 225.0 | 617.9 | 610.9 | 602.7 | 594.8 | 587.0 | 579.5 | 572.0 | 562.5 | 554.0 | 544.6 |
| 270.0 | 617.9 | 610.9 | 602.7 | 594.8 | 587.0 | 579.5 | 572.0 | 562.5 | 554.0 | 544.6 |
| 315.0 | 597.8 | 589.6 | 581.5 | 573.7 | 565.2 | 556.6 | 546.9 | 537.9 | 529.5 | 520.8 |
| 360.0 | 597.8 | 589.6 | 581.5 | 573.7 | 565.2 | 556.6 | 546.9 | 537.9 | 529.5 | 520.8 |

Photometric Data Table [cd]

| C\G | 40.0 | 41.0 | 42.0 | 43.0 | 44.0 | 45.0 | 46.0 | 47.0 | 48.0 | 49.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 510.3 | 500.7 | 490.6 | 479.5 | 470.9 | 459.9 | 449.6 | 438.8 | 427.1 | 416.5 |
| 45.0 | 510.5 | 500.5 | 491.4 | 481.6 | 471.3 | 461.1 | 450.7 | 440.5 | 429.9 | 418.8 |
| 90.0 | 510.5 | 500.5 | 491.4 | 481.6 | 471.3 | 461.1 | 450.7 | 440.5 | 429.9 | 418.8 |
| 135.0 | 540.5 | 530.4 | 521.1 | 512.7 | 502.9 | 492.8 | 482.7 | 472.2 | 462.8 | 452.2 |
| 180.0 | 540.5 | 530.4 | 521.1 | 512.7 | 502.9 | 492.8 | 482.7 | 472.2 | 462.8 | 452.2 |
| 225.0 | 535.9 | 527.5 | 518.0 | 508.0 | 497.7 | 488.3 | 479.0 | 468.5 | 457.4 | 446.9 |
| 270.0 | 535.9 | 527.5 | 518.0 | 508.0 | 497.7 | 488.3 | 479.0 | 468.5 | 457.4 | 446.9 |
| 315.0 | 510.3 | 500.7 | 490.6 | 479.5 | 470.9 | 459.9 | 449.6 | 438.8 | 427.1 | 416.5 |
| 360.0 | 510.3 | 500.7 | 490.6 | 479.5 | 470.9 | 459.9 | 449.6 | 438.8 | 427.1 | 416.5 |

| C\G | 50.0 | 51.0 | 52.0 | 53.0 | 54.0 | 55.0 | 56.0 | 57.0 | 58.0 | 59.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 405.7 | 394.5 | 382.6 | 370.7 | 359.2 | 346.6 | 336.1 | 323.7 | 310.8 | 298.9 |
| 45.0 | 407.8 | 396.4 | 384.5 | 374.6 | 362.8 | 350.4 | 338.6 | 326.0 | 315.8 | 303.2 |
| 90.0 | 407.8 | 396.4 | 384.5 | 374.6 | 362.8 | 350.4 | 338.6 | 326.0 | 315.8 | 303.2 |
| 135.0 | 441.4 | 430.2 | 418.7 | 407.9 | 397.8 | 386.4 | 374.0 | 362.7 | 350.2 | 338.3 |
| 180.0 | 441.4 | 430.2 | 418.7 | 407.9 | 397.8 | 386.4 | 374.0 | 362.7 | 350.2 | 338.3 |
| 225.0 | 435.7 | 424.5 | 414.9 | 403.2 | 392.1 | 379.9 | 368.1 | 356.1 | 345.8 | 333.1 |
| 270.0 | 435.7 | 424.5 | 414.9 | 403.2 | 392.1 | 379.9 | 368.1 | 356.1 | 345.8 | 333.1 |
| 315.0 | 405.7 | 394.5 | 382.6 | 370.7 | 359.2 | 346.6 | 336.1 | 323.7 | 310.8 | 298.9 |
| 360.0 | 405.7 | 394.5 | 382.6 | 370.7 | 359.2 | 346.6 | 336.1 | 323.7 | 310.8 | 298.9 |

| C\G | 60.0 | 61.0 | 62.0 | 63.0 | 64.0 | 65.0 | 66.0 | 67.0 | 68.0 | 69.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 0.0 | 285.3 | 273.1 | 261.6 | 248.8 | 236.1 | 222.3 | 210.1 | 196.5 | 185.4 | 172.1 |
| 45.0 | 290.7 | 278.1 | 265.1 | 252.9 | 241.3 | 229.2 | 215.5 | 203.1 | 190.0 | 176.8 |
| 90.0 | 290.7 | 278.1 | 265.1 | 252.9 | 241.3 | 229.2 | 215.5 | 203.1 | 190.0 | 176.8 |
| 135.0 | 325.8 | 315.1 | 302.8 | 289.4 | 277.2 | 264.1 | 253.1 | 239.6 | 227.4 | 213.7 |
| 180.0 | 325.8 | 315.1 | 302.8 | 289.4 | 277.2 | 264.1 | 253.1 | 239.6 | 227.4 | 213.7 |
| 225.0 | 320.8 | 308.4 | 295.6 | 284.9 | 271.5 | 258.8 | 245.6 | 232.5 | 219.6 | 208.2 |
| 270.0 | 320.8 | 308.4 | 295.6 | 284.9 | 271.5 | 258.8 | 245.6 | 232.5 | 219.6 | 208.2 |
| 315.0 | 285.3 | 273.1 | 261.6 | 248.8 | 236.1 | 222.3 | 210.1 | 196.5 | 185.4 | 172.1 |
| 360.0 | 285.3 | 273.1 | 261.6 | 248.8 | 236.1 | 222.3 | 210.1 | 196.5 | 185.4 | 172.1 |

| C\G | 70.0 | 71.0 | 72.0 | 73.0 | 74.0 | 75.0 | 76.0 | 77.0 | 78.0 | 79.0 |
|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|
| 0.0 | 159.1 | 146.3 | 133.2 | 121.2 | 110.1 | 97.6 | 85.8 | 74.4 | 63.5 | 52.1 |
| 45.0 | 166.3 | 152.9 | 140.7 | 128.5 | 116.3 | 104.4 | 93.5 | 82.6 | 70.6 | 59.9 |
| 90.0 | 166.3 | 152.9 | 140.7 | 128.5 | 116.3 | 104.4 | 93.5 | 82.6 | 70.6 | 59.9 |
| 135.0 | 201.1 | 187.8 | 176.3 | 163.4 | 150.6 | 137.6 | 124.7 | 112.5 | 102.2 | 90.2 |
| 180.0 | 201.1 | 187.8 | 176.3 | 163.4 | 150.6 | 137.6 | 124.7 | 112.5 | 102.2 | 90.2 |
| 225.0 | 195.5 | 182.3 | 169.4 | 156.3 | 143.4 | 132.6 | 120.4 | 107.5 | 95.6 | 83.9 |
| 270.0 | 195.5 | 182.3 | 169.4 | 156.3 | 143.4 | 132.6 | 120.4 | 107.5 | 95.6 | 83.9 |
| 315.0 | 159.1 | 146.3 | 133.2 | 121.2 | 110.1 | 97.6 | 85.8 | 74.4 | 63.5 | 52.1 |
| 360.0 | 159.1 | 146.3 | 133.2 | 121.2 | 110.1 | 97.6 | 85.8 | 74.4 | 63.5 | 52.1 |

Photometric Data Table [cd]

| C\G | 80.0 | 81.0 | 82.0 | 83.0 | 84.0 | 85.0 | 86.0 | 87.0 | 88.0 | 89.0 |
|-------|------|------|------|------|------|------|------|------|------|------|
| 0.0 | 43.2 | 33.3 | 24.1 | 16.4 | 9.3 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 45.0 | 49.8 | 40.7 | 30.6 | 20.7 | 11.9 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 90.0 | 49.8 | 40.7 | 30.6 | 20.7 | 11.9 | 4.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 135.0 | 78.2 | 67.1 | 56.3 | 46.3 | 36.6 | 27.0 | 18.8 | 10.6 | 5.1 | 0.0 |
| 180.0 | 78.2 | 67.1 | 56.3 | 46.3 | 36.6 | 27.0 | 18.8 | 10.6 | 5.1 | 0.0 |
| 225.0 | 74.0 | 63.3 | 51.8 | 40.9 | 28.5 | 18.5 | 9.3 | 3.2 | 0.0 | 0.0 |
| 270.0 | 74.0 | 63.3 | 51.8 | 40.9 | 28.5 | 18.5 | 9.3 | 3.2 | 0.0 | 0.0 |
| 315.0 | 43.2 | 33.3 | 24.1 | 16.4 | 9.3 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 |
| 360.0 | 43.2 | 33.3 | 24.1 | 16.4 | 9.3 | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 |

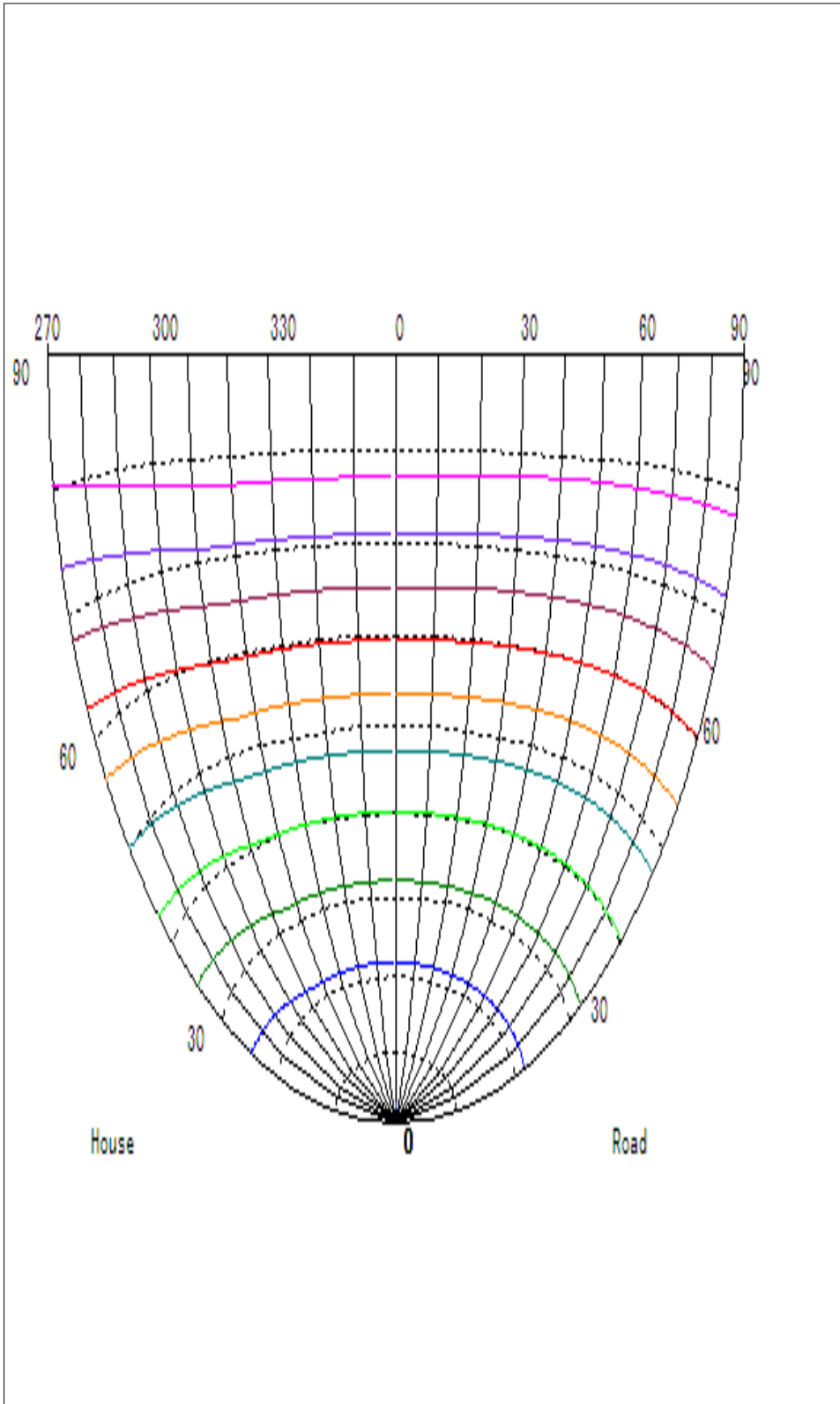
| C\G | 90.0 |
|-------|------|
| 0.0 | 0.0 |
| 45.0 | 0.0 |
| 90.0 | 0.0 |
| 135.0 | 0.0 |
| 180.0 | 0.0 |
| 225.0 | 0.0 |
| 270.0 | 0.0 |
| 315.0 | 0.0 |
| 360.0 | 0.0 |

Zonal Flux Distribution

| Gamma [°] | I _{mean} [cd] | Zonal Flux [lm] | Sum Flux [lm] | Zonal Flux [%] | Sum Flux [%] |
|--------------|---------------------------|--------------------|------------------|-------------------|-----------------|
| 0 | 724.63 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1 | 724.32 | 0.69 | 0.69 | 0.03 | 0.03 |
| 2 | 723.82 | 2.08 | 2.77 | 0.10 | 0.14 |
| 3 | 723.09 | 3.46 | 6.23 | 0.17 | 0.31 |
| 4 | 722.19 | 4.84 | 11.07 | 0.24 | 0.55 |
| 5 | 721.02 | 6.21 | 17.28 | 0.31 | 0.86 |
| 6 | 719.36 | 7.57 | 24.85 | 0.38 | 1.24 |
| 7 | 717.87 | 8.92 | 33.77 | 0.45 | 1.69 |
| 8 | 715.77 | 10.26 | 44.03 | 0.51 | 2.20 |
| 9 | 713.67 | 11.58 | 55.61 | 0.58 | 2.78 |
| 10 | 711.10 | 12.89 | 68.51 | 0.65 | 3.43 |
| 11 | 708.03 | 14.18 | 82.69 | 0.71 | 4.14 |
| 12 | 705.25 | 15.45 | 98.14 | 0.77 | 4.91 |
| 13 | 701.78 | 16.70 | 114.84 | 0.84 | 5.75 |
| 14 | 698.38 | 17.92 | 132.76 | 0.90 | 6.65 |
| 15 | 694.37 | 19.12 | 151.88 | 0.96 | 7.60 |
| 16 | 690.22 | 20.29 | 172.17 | 1.02 | 8.62 |
| 17 | 686.09 | 21.43 | 193.60 | 1.07 | 9.69 |
| 18 | 681.50 | 22.55 | 216.15 | 1.13 | 10.82 |
| 19 | 676.85 | 23.63 | 239.78 | 1.18 | 12.00 |
| 20 | 671.72 | 24.68 | 264.46 | 1.24 | 13.24 |
| 21 | 666.46 | 25.70 | 290.16 | 1.29 | 14.52 |
| 22 | 660.84 | 26.67 | 316.83 | 1.34 | 15.86 |
| 23 | 655.20 | 27.61 | 344.44 | 1.38 | 17.24 |
| 24 | 649.13 | 28.52 | 372.96 | 1.43 | 18.67 |
| 25 | 643.10 | 29.38 | 402.34 | 1.47 | 20.14 |
| 26 | 636.36 | 30.20 | 432.55 | 1.51 | 21.65 |
| 27 | 630.00 | 30.98 | 463.53 | 1.55 | 23.20 |
| 28 | 622.97 | 31.72 | 495.25 | 1.59 | 24.79 |
| 29 | 615.73 | 32.41 | 527.66 | 1.62 | 26.41 |
| 30 | 608.31 | 33.05 | 560.71 | 1.65 | 28.07 |
| 31 | 601.20 | 33.66 | 594.37 | 1.68 | 29.75 |
| 32 | 593.01 | 34.21 | 628.58 | 1.71 | 31.47 |
| 33 | 585.25 | 34.71 | 663.29 | 1.74 | 33.20 |
| 34 | 576.92 | 35.17 | 698.46 | 1.76 | 34.96 |
| 35 | 568.99 | 35.59 | 734.05 | 1.78 | 36.75 |
| 36 | 560.35 | 35.96 | 770.01 | 1.80 | 38.55 |
| 37 | 551.46 | 36.26 | 806.27 | 1.82 | 40.36 |
| 38 | 542.90 | 36.53 | 842.80 | 1.83 | 42.19 |
| 39 | 533.59 | 36.74 | 879.54 | 1.84 | 44.03 |
| 40 | 524.27 | 36.89 | 916.43 | 1.85 | 45.88 |

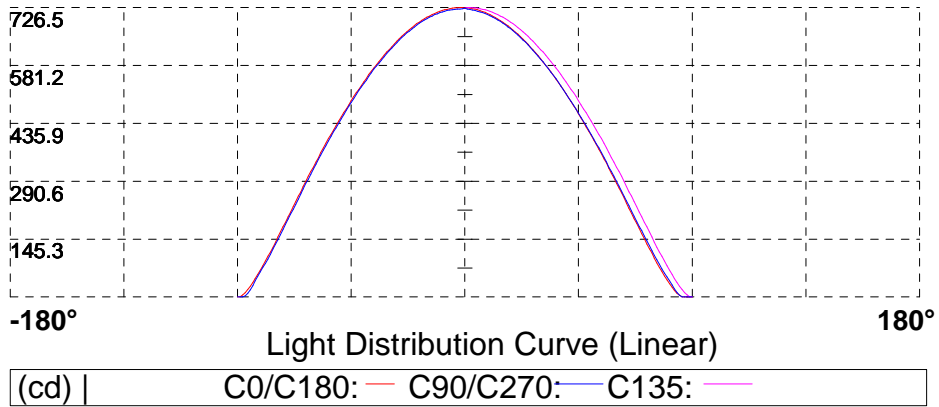
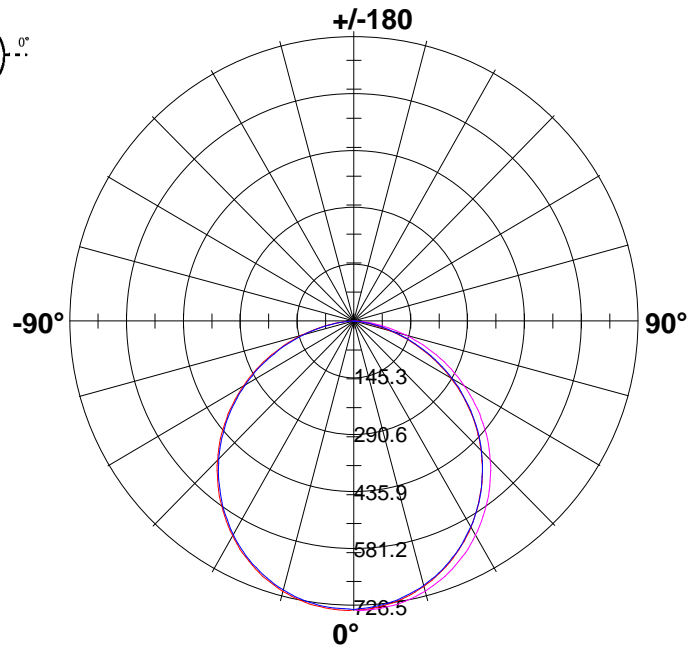
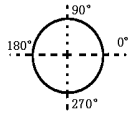
Zonal Flux Distribution

| Gamma [°] | lmean [cd] | Zonal Flux [lm] | Sum Flux [lm] | Zonal Flux [%] | Sum Flux [%] |
|--------------|---------------|--------------------|------------------|-------------------|-----------------|
| 41 | 514.78 | 37.00 | 953.43 | 1.85 | 47.73 |
| 42 | 505.28 | 37.06 | 990.49 | 1.86 | 49.58 |
| 43 | 495.45 | 37.07 | 1027.57 | 1.86 | 51.44 |
| 44 | 485.73 | 37.03 | 1064.60 | 1.85 | 53.29 |
| 45 | 475.55 | 36.94 | 1101.54 | 1.85 | 55.14 |
| 46 | 465.51 | 36.80 | 1138.34 | 1.84 | 56.98 |
| 47 | 455.00 | 36.61 | 1174.95 | 1.83 | 58.82 |
| 48 | 444.31 | 36.35 | 1211.31 | 1.82 | 60.64 |
| 49 | 433.61 | 36.05 | 1247.36 | 1.80 | 62.44 |
| 50 | 422.63 | 35.70 | 1283.06 | 1.79 | 64.23 |
| 51 | 411.38 | 35.29 | 1318.35 | 1.77 | 65.99 |
| 52 | 400.16 | 34.82 | 1353.17 | 1.74 | 67.74 |
| 53 | 389.09 | 34.33 | 1387.50 | 1.72 | 69.46 |
| 54 | 377.96 | 33.81 | 1421.31 | 1.69 | 71.15 |
| 55 | 365.82 | 33.20 | 1454.51 | 1.66 | 72.81 |
| 56 | 354.22 | 32.54 | 1487.05 | 1.63 | 74.44 |
| 57 | 342.11 | 31.84 | 1518.89 | 1.59 | 76.03 |
| 58 | 330.65 | 31.11 | 1550.00 | 1.56 | 77.59 |
| 59 | 318.37 | 30.34 | 1580.34 | 1.52 | 79.11 |
| 60 | 305.64 | 29.48 | 1609.82 | 1.48 | 80.59 |
| 61 | 293.69 | 28.60 | 1638.42 | 1.43 | 82.02 |
| 62 | 281.29 | 27.71 | 1666.13 | 1.39 | 83.40 |
| 63 | 268.98 | 26.76 | 1692.89 | 1.34 | 84.74 |
| 64 | 256.53 | 25.79 | 1718.68 | 1.29 | 86.03 |
| 65 | 243.61 | 24.75 | 1743.43 | 1.24 | 87.27 |
| 66 | 231.06 | 23.68 | 1767.11 | 1.19 | 88.46 |
| 67 | 217.92 | 22.58 | 1789.69 | 1.13 | 89.59 |
| 68 | 205.60 | 21.45 | 1811.14 | 1.07 | 90.66 |
| 69 | 192.71 | 20.32 | 1831.46 | 1.02 | 91.68 |
| 70 | 180.51 | 19.17 | 1850.63 | 0.96 | 92.64 |
| 71 | 167.32 | 17.98 | 1868.61 | 0.90 | 93.54 |
| 72 | 154.91 | 16.76 | 1885.36 | 0.84 | 94.38 |
| 73 | 142.36 | 15.55 | 1900.91 | 0.78 | 95.16 |
| 74 | 130.09 | 14.32 | 1915.23 | 0.72 | 95.87 |
| 75 | 118.05 | 13.11 | 1928.34 | 0.66 | 96.53 |
| 76 | 106.12 | 11.90 | 1940.24 | 0.60 | 97.13 |
| 77 | 94.24 | 10.68 | 1950.93 | 0.53 | 97.66 |
| 78 | 82.97 | 9.49 | 1960.41 | 0.47 | 98.14 |
| 79 | 71.55 | 8.30 | 1968.71 | 0.42 | 98.55 |
| 80 | 61.30 | 7.16 | 1975.88 | 0.36 | 98.91 |
| 81 | 51.12 | 6.08 | 1981.96 | 0.30 | 99.21 |

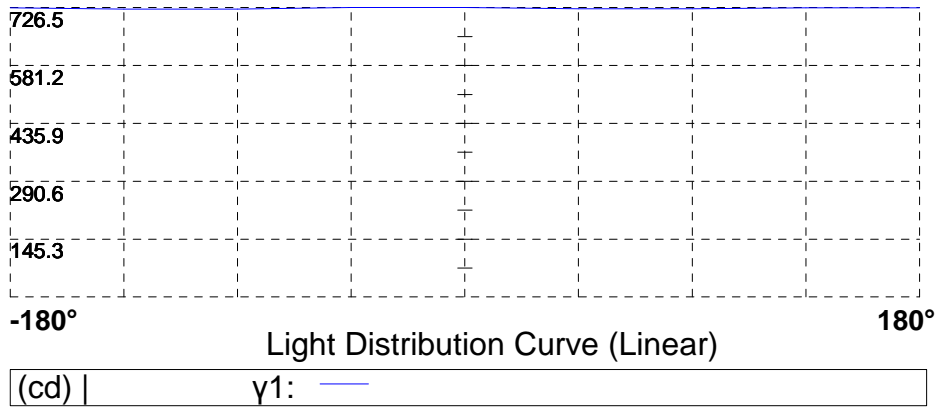
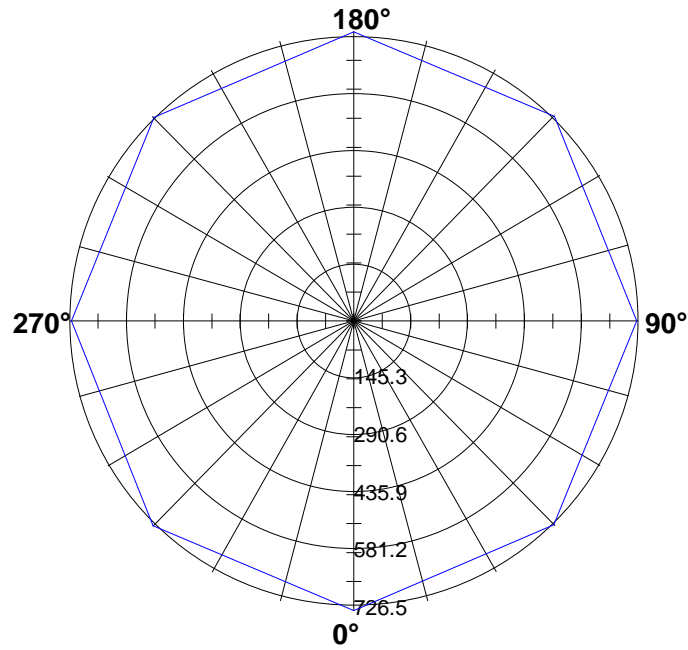


Light Distribution Curve [Unit: cd]

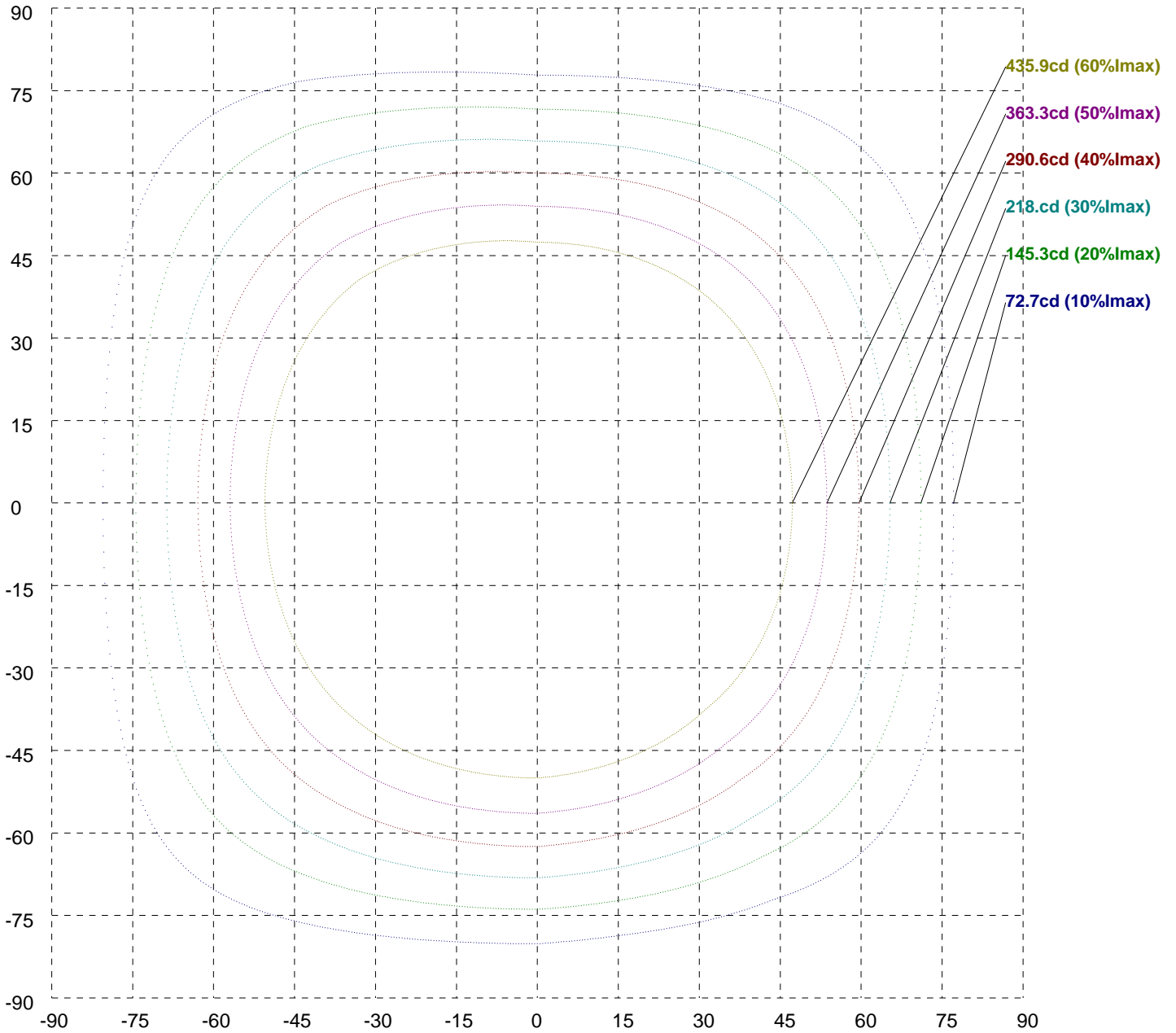
Luminaire



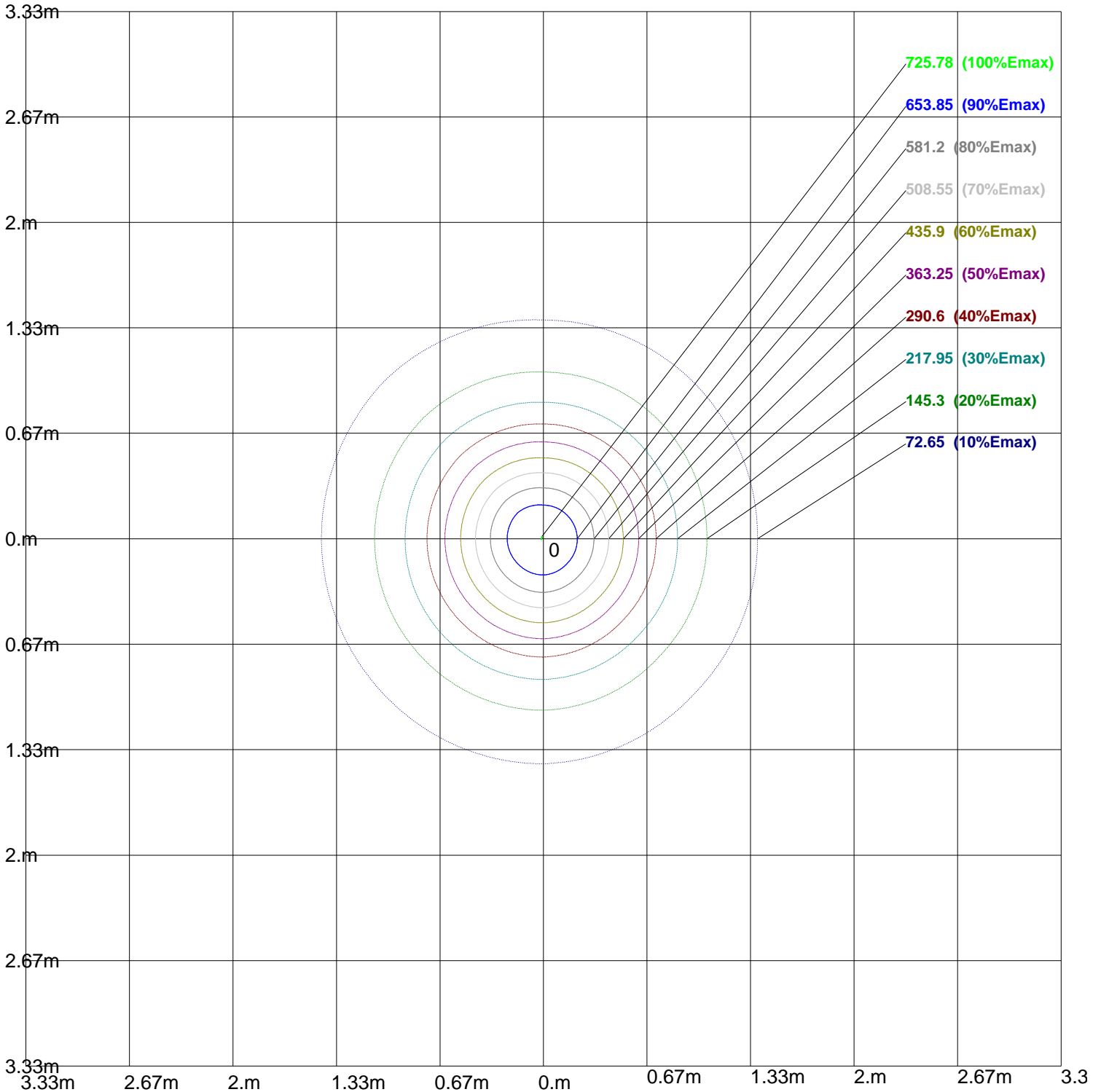
Max Plane Light Distribution Curve [Unit: cd]



等光强曲线 V-H [cd]



Iso-Lux[lx]



Height: 1 m
Max Illuminance : 726.5lx

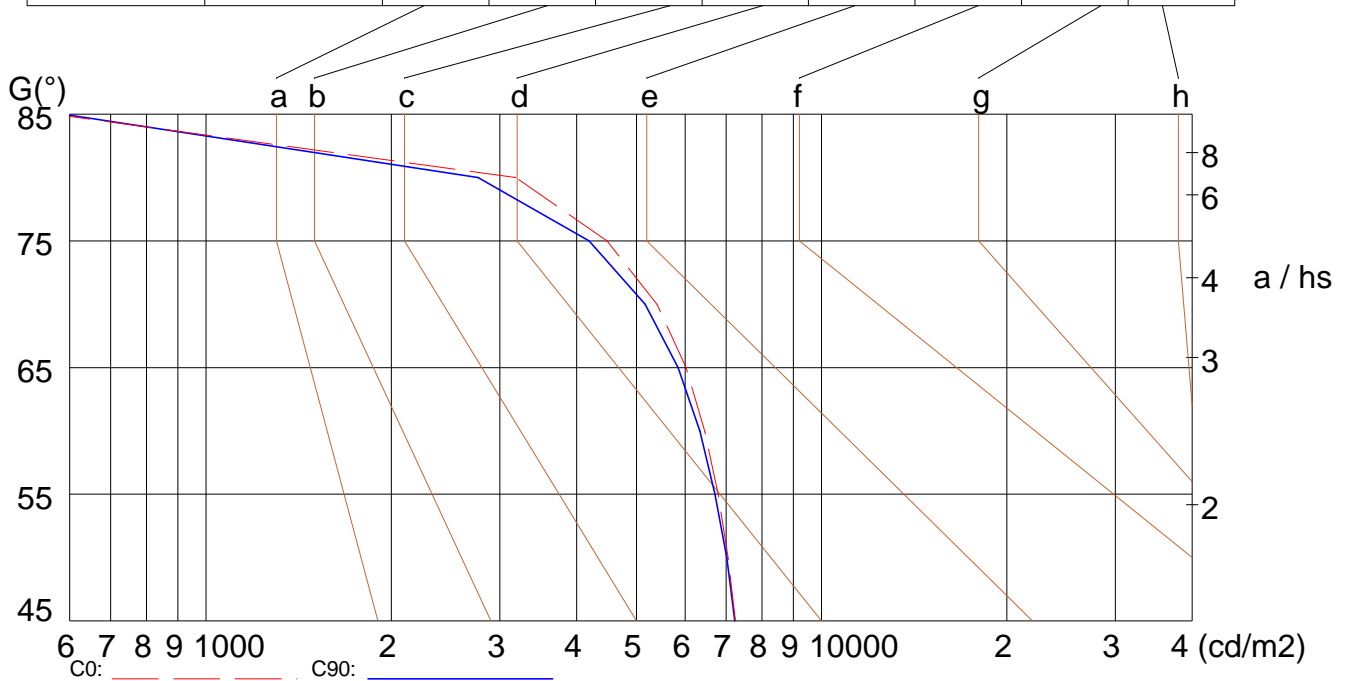
Luminance Limiting Curve

Diameter: mm
Length: 300mm
Width: 300mm
Height: 38 mm

(cd/m²)

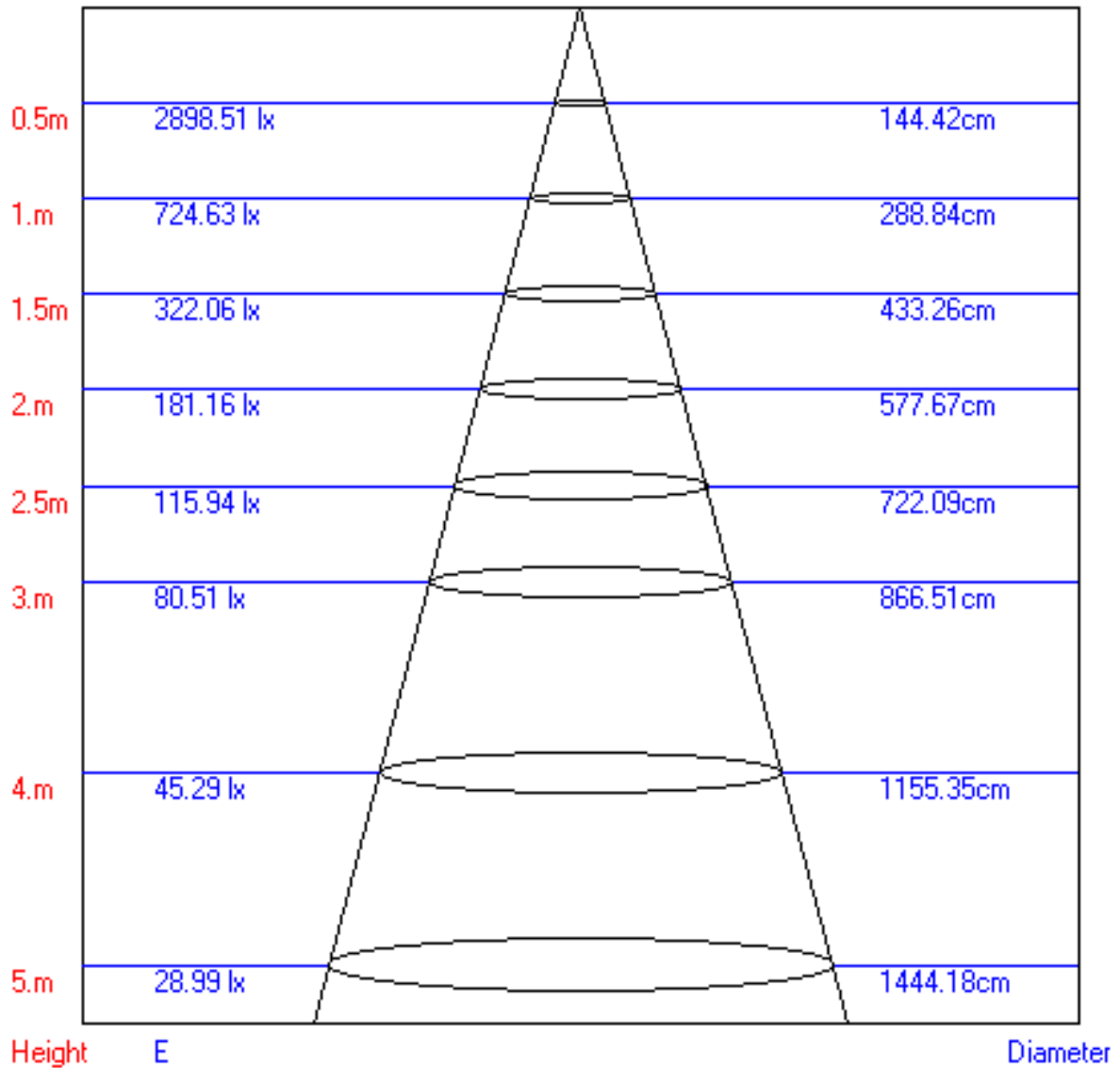
| γ | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° |
|----------|------|------|------|------|------|------|------|------|-----|
| C0 | 7246 | 7048 | 6788 | 6460 | 6025 | 5403 | 4482 | 3186 | 508 |
| C90 | 7227 | 7012 | 6713 | 6339 | 5845 | 5170 | 4192 | 2764 | 574 |

| 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:110.60°

Utilization Coefficient Table

| RHOCC | 80 | | | 70 | | | 50 | | | 30 | | | 10 | | | 0 |
|-------|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| RHOW | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 50 | 30 | 10 | 0 |
| RRCR | 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 | 1.05 | 1.03 | 1.02 | 1.04 | 1.02 | 1.00 | 1.00 | 0.98 | 0.96 | 0.95 | 0.93 | 0.91 | 0.89 | 0.87 | 0.84 | 0.79 |
| 2 | 0.90 | 0.87 | 0.85 | 0.89 | 0.86 | 0.84 | 0.87 | 0.83 | 0.80 | 0.83 | 0.79 | 0.76 | 0.79 | 0.75 | 0.71 | 0.66 |
| 3 | 0.77 | 0.74 | 0.72 | 0.77 | 0.73 | 0.70 | 0.75 | 0.71 | 0.68 | 0.73 | 0.68 | 0.64 | 0.70 | 0.65 | 0.60 | 0.56 |
| 4 | 0.66 | 0.63 | 0.61 | 0.67 | 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 | 0.58 | 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 | 0.52 | 0.47 | 0.44 | 0.52 | 0.46 | 0.42 | 0.52 | 0.45 | 0.40 | 0.36 |
| 7 | 0.45 | 0.43 | 0.41 | 0.46 | 0.43 | 0.40 | 0.47 | 0.42 | 0.39 | 0.48 | 0.42 | 0.37 | 0.47 | 0.40 | 0.35 | 0.32 |
| 8 | 0.41 | 0.38 | 0.37 | 0.42 | 0.38 | 0.36 | 0.43 | 0.38 | 0.35 | 0.43 | 0.37 | 0.33 | 0.43 | 0.37 | 0.32 | 0.29 |
| 9 | 0.37 | 0.34 | 0.33 | 0.38 | 0.35 | 0.32 | 0.39 | 0.34 | 0.31 | 0.40 | 0.34 | 0.30 | 0.40 | 0.34 | 0.29 | 0.26 |
| 10 | 0.34 | 0.31 | 0.30 | 0.35 | 0.31 | 0.29 | 0.36 | 0.31 | 0.28 | 0.37 | 0.31 | 0.27 | 0.37 | 0.31 | 0.26 | 0.23 |

