

Luminaire

Code 90591L115
Name ROFY 60 /T D/I D1150 GCONTROL+ K3 840 HO

Measurem.

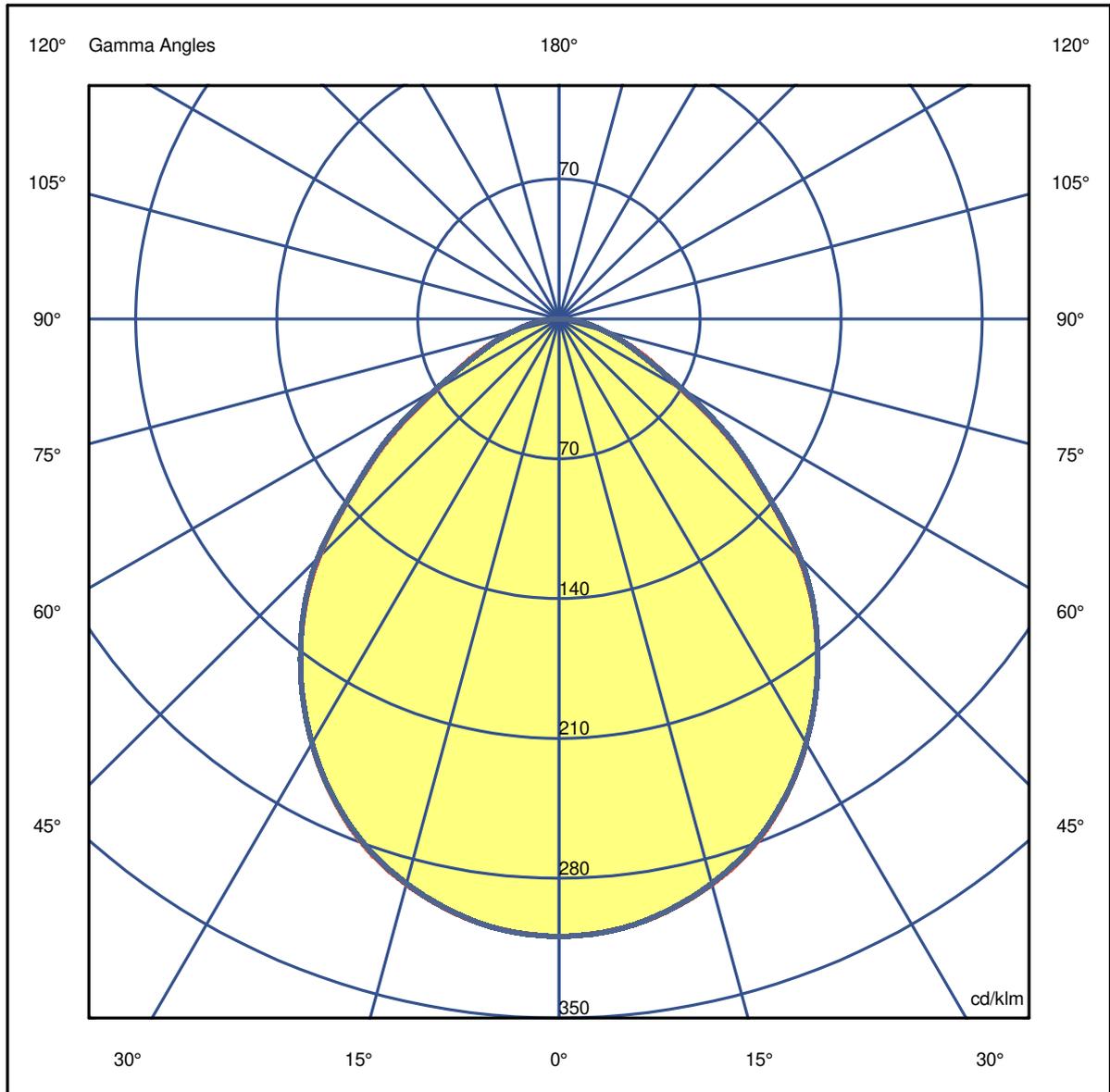
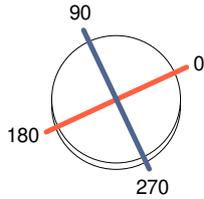
Code 26/7/2023
Name ROFY 60 /T D/I D1150 GCONTROL+ K3 840 HO

| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 16854 lm | Luminaire Power | 136.9 W | Efficacy | 123.108 lm/W | Efficiency | 66.03% |
| Source Flux | 25524 lm | Maximum value | 309.20 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=1268mm

C Halfplanes

180.0 ———— 0.0
270.0 ———— 90.0



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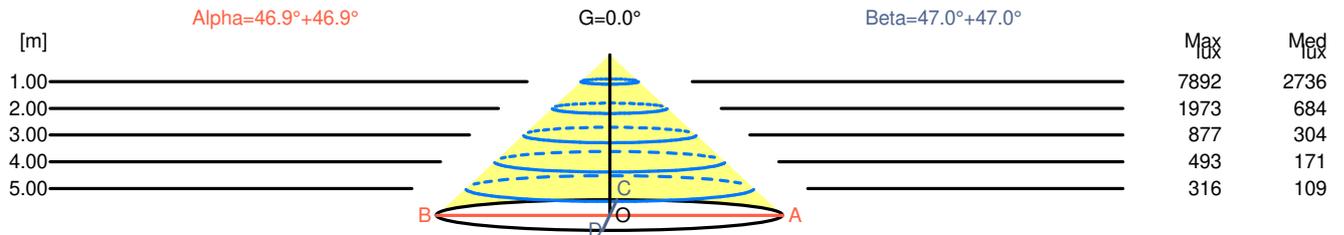
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| Source Flux | 25524 lm | Maximum value | 309.20 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 |
| OA | 1.07 | 2.14 | 3.21 | 4.28 | 5.35 | OC | 1.07 | 2.15 | 3.22 | 4.30 | 5.37 |
| OB | 1.07 | 2.14 | 3.21 | 4.28 | 5.35 | OD | 1.07 | 2.15 | 3.22 | 4.30 | 5.37 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|--------------------------------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 7892.02 | 7840.97 | 7475.98 | 6761.31 | 5689.30 | 4303.35 | 2603.45 | 1273.65 | 594.71 | 188.88 |
| OB | 7892.02 | 7840.97 | 7475.98 | 6761.31 | 5689.30 | 4303.35 | 2603.45 | 1273.65 | 594.71 | 188.88 |
| OC | 7892.02 | 7843.53 | 7468.32 | 6753.65 | 5689.30 | 4323.77 | 2631.52 | 1240.47 | 594.71 | 191.43 |
| OD | 7892.02 | 7843.53 | 7468.32 | 6753.65 | 5689.30 | 4323.77 | 2631.52 | 1240.47 | 594.71 | 191.43 |



| H[m] | D[m] | Max lux | Med lux | Alpha=46.9°+46.9° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.14 | 7892 | 2736 | | | |
| 2.00 | 4.28 | 1973 | 684 | | | |
| 3.00 | 6.42 | 877 | 304 | | | |
| 4.00 | 8.56 | 493 | 171 | | | |
| 5.00 | 10.70 | 316 | 109 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=47.0°+47.0° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.15 | 7892 | 2736 | | | |
| 2.00 | 4.30 | 1973 | 684 | | | |
| 3.00 | 6.44 | 877 | 304 | | | |
| 4.00 | 8.59 | 493 | 171 | | | |
| 5.00 | 10.74 | 316 | 109 | | | |

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Measurment.

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 16854 lm | Luminaire Power | 136.9 W | Efficacy | 123.108 lm/W | Efficiency | 66.03% |
| Source Flux | 25524 lm | Maximum value | 309.20 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

UGR
S = 0.250

| Reflectancies | | | | | | | | | | |
|----------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Ceiling/Cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| Working Plane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |

| Room Dimensions | Lateral View | | | | | Viewed Endwise | | | | |
|-----------------|--------------|------|------|------|------|----------------|------|------|------|------|
| x=2H y=2H | 15.7 | 16.9 | 16.0 | 17.1 | 17.3 | 15.8 | 16.9 | 16.0 | 17.1 | 17.3 |
| x=2H y=3H | 16.3 | 17.4 | 16.6 | 17.6 | 17.8 | 16.3 | 17.4 | 16.7 | 17.6 | 17.9 |
| x=2H y=4H | 16.6 | 17.5 | 16.9 | 17.8 | 18.1 | 16.6 | 17.6 | 16.9 | 17.8 | 18.1 |
| x=2H y=6H | 16.7 | 17.6 | 17.0 | 17.9 | 18.2 | 16.7 | 17.6 | 17.1 | 17.9 | 18.2 |
| x=2H y=8H | 16.7 | 17.6 | 17.1 | 17.9 | 18.2 | 16.8 | 17.7 | 17.1 | 18.0 | 18.3 |
| x=2H y=12H | 16.8 | 17.6 | 17.1 | 17.9 | 18.3 | 16.8 | 17.7 | 17.2 | 18.0 | 18.3 |
| x=4H y=2H | 16.0 | 16.9 | 16.3 | 17.2 | 17.5 | 16.0 | 16.9 | 16.3 | 17.2 | 17.5 |
| x=4H y=3H | 16.7 | 17.5 | 17.0 | 17.8 | 18.2 | 16.7 | 17.5 | 17.1 | 17.8 | 18.2 |
| x=4H y=4H | 17.0 | 17.7 | 17.4 | 18.1 | 18.4 | 17.0 | 17.8 | 17.4 | 18.1 | 18.4 |
| x=4H y=6H | 17.3 | 17.9 | 17.7 | 18.3 | 18.7 | 17.3 | 17.9 | 17.7 | 18.3 | 18.7 |
| x=4H y=8H | 17.4 | 17.9 | 17.8 | 18.3 | 18.7 | 17.4 | 18.0 | 17.8 | 18.4 | 18.8 |
| x=4H y=12H | 17.4 | 17.9 | 17.9 | 18.4 | 18.8 | 17.5 | 18.0 | 17.9 | 18.4 | 18.8 |
| x=8H y=4H | 17.1 | 17.7 | 17.5 | 18.1 | 18.5 | 17.1 | 17.7 | 17.6 | 18.1 | 18.5 |
| x=8H y=6H | 17.5 | 17.9 | 17.9 | 18.4 | 18.8 | 17.5 | 18.0 | 18.0 | 18.4 | 18.9 |
| x=8H y=8H | 17.6 | 18.0 | 18.1 | 18.5 | 19.0 | 17.7 | 18.1 | 18.2 | 18.5 | 19.0 |
| x=8H y=12H | 17.7 | 18.1 | 18.2 | 18.5 | 19.0 | 17.8 | 18.1 | 18.2 | 18.6 | 19.1 |
| x=12H y=4H | 17.1 | 17.6 | 17.6 | 18.0 | 18.5 | 17.1 | 17.6 | 17.6 | 18.1 | 18.5 |
| x=12H y=6H | 17.5 | 17.9 | 18.0 | 18.4 | 18.8 | 17.6 | 18.0 | 18.0 | 18.4 | 18.9 |
| x=12H y=8H | 17.7 | 18.0 | 18.2 | 18.5 | 19.0 | 17.7 | 18.1 | 18.2 | 18.5 | 19.0 |

Luminaire

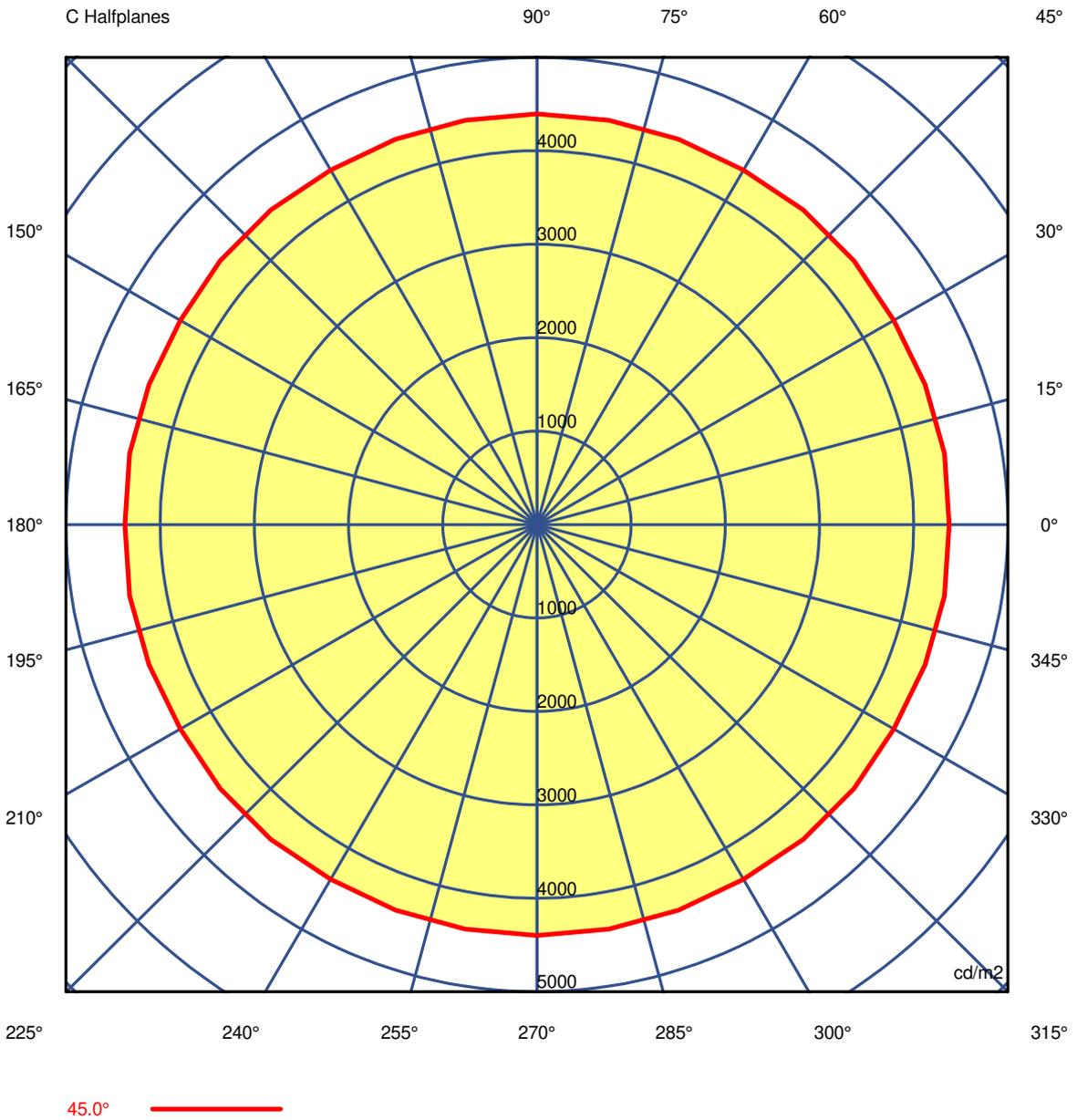
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| Source Flux | 25524 lm | Maximum value | 309.20 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



Luminaire

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| Source Flux | 25524 lm | Maximum value | 309.20 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance cd/m2 Table 1/3

| | C 0.00 | C 10.00 | C 20.00 | C 30.00 | C 40.00 | C 50.00 | C 60.00 | C 70.00 | C 80.00 | C 90.00 | C 100.00 | C 110.00 | C 120.00 |
|--------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|
| G 0.0 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 |
| G 5.0 | 6340 | 6340 | 6340 | 6340 | 6340 | 6341 | 6342 | 6340 | 6340 | 6342 | 6340 | 6340 | 6342 |
| G 10.0 | 6223 | 6223 | 6223 | 6221 | 6221 | 6221 | 6221 | 6221 | 6221 | 6221 | 6221 | 6221 | 6221 |
| G 15.0 | 6089 | 6088 | 6085 | 6081 | 6079 | 6079 | 6079 | 6080 | 6082 | 6083 | 6082 | 6080 | 6079 |
| G 20.0 | 5934 | 5930 | 5923 | 5915 | 5908 | 5906 | 5910 | 5916 | 5921 | 5923 | 5921 | 5916 | 5910 |
| G 25.0 | 5723 | 5722 | 5719 | 5714 | 5708 | 5705 | 5708 | 5714 | 5717 | 5717 | 5717 | 5714 | 5708 |
| G 30.0 | 5468 | 5472 | 5476 | 5479 | 5481 | 5480 | 5479 | 5478 | 5474 | 5468 | 5474 | 5478 | 5479 |
| G 35.0 | 5176 | 5185 | 5190 | 5195 | 5205 | 5208 | 5202 | 5194 | 5186 | 5176 | 5186 | 5194 | 5202 |
| G 40.0 | 4835 | 4839 | 4845 | 4852 | 4858 | 4858 | 4854 | 4849 | 4844 | 4839 | 4844 | 4849 | 4854 |
| G 45.0 | 4375 | 4391 | 4384 | 4373 | 4393 | 4398 | 4383 | 4390 | 4396 | 4396 | 4396 | 4390 | 4383 |
| G 50.0 | 3699 | 3652 | 3566 | 3504 | 3561 | 3565 | 3515 | 3582 | 3669 | 3713 | 3669 | 3582 | 3515 |
| G 55.0 | 3107 | 2824 | 2699 | 2671 | 2564 | 2565 | 2677 | 2717 | 2853 | 3140 | 2853 | 2717 | 2677 |
| G 60.0 | 2362 | 2108 | 2073 | 2112 | 1911 | 1912 | 2122 | 2107 | 2155 | 2402 | 2155 | 2107 | 2122 |
| G 65.0 | 1909 | 1685 | 1676 | 1737 | 1555 | 1549 | 1722 | 1660 | 1659 | 1860 | 1659 | 1660 | 1722 |
| G 70.0 | 1553 | 1393 | 1314 | 1330 | 1378 | 1365 | 1313 | 1334 | 1418 | 1531 | 1418 | 1334 | 1313 |
| G 75.0 | 1250 | 1144 | 1129 | 1159 | 1112 | 1103 | 1148 | 1150 | 1174 | 1250 | 1174 | 1150 | 1148 |
| G 80.0 | 975 | 941 | 939 | 975 | 1023 | 1035 | 1002 | 963 | 958 | 989 | 958 | 963 | 1002 |
| G 85.0 | 699 | 645 | 638 | 680 | 728 | 730 | 690 | 655 | 663 | 709 | 663 | 655 | 690 |
| G 90.0 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 |

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| Source Flux | 25524 lm | Maximum value | 309.20 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance cd/m2 Table 2/3

| | C 130.00 | C 140.00 | C 150.00 | C 160.00 | C 170.00 | C 180.00 | C 190.00 | C 200.00 | C 210.00 | C 220.00 | C 230.00 | C 240.00 | C 250.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 |
| G 5.0 | 6341 | 6340 | 6340 | 6340 | 6340 | 6340 | 6340 | 6340 | 6340 | 6340 | 6341 | 6342 | 6340 |
| G 10.0 | 6221 | 6221 | 6221 | 6223 | 6223 | 6223 | 6223 | 6223 | 6221 | 6221 | 6221 | 6221 | 6221 |
| G 15.0 | 6079 | 6079 | 6081 | 6085 | 6088 | 6089 | 6088 | 6085 | 6081 | 6079 | 6079 | 6079 | 6080 |
| G 20.0 | 5906 | 5908 | 5915 | 5923 | 5930 | 5934 | 5930 | 5923 | 5915 | 5908 | 5906 | 5910 | 5916 |
| G 25.0 | 5705 | 5708 | 5714 | 5719 | 5722 | 5723 | 5722 | 5719 | 5714 | 5708 | 5705 | 5708 | 5714 |
| G 30.0 | 5480 | 5481 | 5479 | 5476 | 5472 | 5468 | 5472 | 5476 | 5479 | 5481 | 5480 | 5479 | 5478 |
| G 35.0 | 5208 | 5205 | 5195 | 5190 | 5185 | 5176 | 5185 | 5190 | 5195 | 5205 | 5208 | 5202 | 5194 |
| G 40.0 | 4858 | 4858 | 4852 | 4845 | 4839 | 4835 | 4839 | 4845 | 4852 | 4858 | 4858 | 4854 | 4849 |
| G 45.0 | 4398 | 4393 | 4373 | 4384 | 4391 | 4375 | 4391 | 4384 | 4373 | 4393 | 4398 | 4383 | 4390 |
| G 50.0 | 3565 | 3561 | 3504 | 3566 | 3652 | 3699 | 3652 | 3566 | 3504 | 3561 | 3565 | 3515 | 3582 |
| G 55.0 | 2565 | 2564 | 2671 | 2699 | 2824 | 3107 | 2824 | 2699 | 2671 | 2564 | 2565 | 2677 | 2717 |
| G 60.0 | 1912 | 1911 | 2112 | 2073 | 2108 | 2362 | 2108 | 2073 | 2112 | 1911 | 1912 | 2122 | 2107 |
| G 65.0 | 1549 | 1555 | 1737 | 1676 | 1685 | 1909 | 1685 | 1676 | 1737 | 1555 | 1549 | 1722 | 1660 |
| G 70.0 | 1365 | 1378 | 1330 | 1314 | 1393 | 1553 | 1393 | 1314 | 1330 | 1378 | 1365 | 1313 | 1334 |
| G 75.0 | 1103 | 1112 | 1159 | 1129 | 1144 | 1250 | 1144 | 1129 | 1159 | 1112 | 1103 | 1148 | 1150 |
| G 80.0 | 1035 | 1023 | 975 | 939 | 941 | 975 | 941 | 939 | 975 | 1023 | 1035 | 1002 | 963 |
| G 85.0 | 730 | 728 | 680 | 638 | 645 | 699 | 645 | 638 | 680 | 728 | 730 | 690 | 655 |
| G 90.0 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 |

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| Source Flux | 25524 lm | Maximum value | 309.20 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance cd/m2 Table 3/3

| | C 260.00 | C 270.00 | C 280.00 | C 290.00 | C 300.00 | C 310.00 | C 320.00 | C 330.00 | C 340.00 | C 350.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 | 6431 |
| G 5.0 | 6340 | 6342 | 6340 | 6340 | 6342 | 6341 | 6340 | 6340 | 6340 | 6340 |
| G 10.0 | 6221 | 6221 | 6221 | 6221 | 6221 | 6221 | 6221 | 6221 | 6223 | 6223 |
| G 15.0 | 6082 | 6083 | 6082 | 6080 | 6079 | 6079 | 6079 | 6081 | 6085 | 6088 |
| G 20.0 | 5921 | 5923 | 5921 | 5916 | 5910 | 5906 | 5908 | 5915 | 5923 | 5930 |
| G 25.0 | 5717 | 5717 | 5717 | 5714 | 5708 | 5705 | 5708 | 5714 | 5719 | 5722 |
| G 30.0 | 5474 | 5468 | 5474 | 5478 | 5479 | 5480 | 5481 | 5479 | 5476 | 5472 |
| G 35.0 | 5186 | 5176 | 5186 | 5194 | 5202 | 5208 | 5205 | 5195 | 5190 | 5185 |
| G 40.0 | 4844 | 4839 | 4844 | 4849 | 4854 | 4858 | 4858 | 4852 | 4845 | 4839 |
| G 45.0 | 4396 | 4396 | 4396 | 4390 | 4383 | 4398 | 4393 | 4373 | 4384 | 4391 |
| G 50.0 | 3669 | 3713 | 3669 | 3582 | 3515 | 3565 | 3561 | 3504 | 3566 | 3652 |
| G 55.0 | 2853 | 3140 | 2853 | 2717 | 2677 | 2565 | 2564 | 2671 | 2699 | 2824 |
| G 60.0 | 2155 | 2402 | 2155 | 2107 | 2122 | 1912 | 1911 | 2112 | 2073 | 2108 |
| G 65.0 | 1659 | 1860 | 1659 | 1660 | 1722 | 1549 | 1555 | 1737 | 1676 | 1685 |
| G 70.0 | 1418 | 1531 | 1418 | 1334 | 1313 | 1365 | 1378 | 1330 | 1314 | 1393 |
| G 75.0 | 1174 | 1250 | 1174 | 1150 | 1148 | 1103 | 1112 | 1159 | 1129 | 1144 |
| G 80.0 | 958 | 989 | 958 | 963 | 1002 | 1035 | 1023 | 975 | 939 | 941 |
| G 85.0 | 663 | 709 | 663 | 655 | 690 | 730 | 728 | 680 | 638 | 645 |
| G 90.0 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 | 171 |