

**Luminaire**

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

**Measurem.**

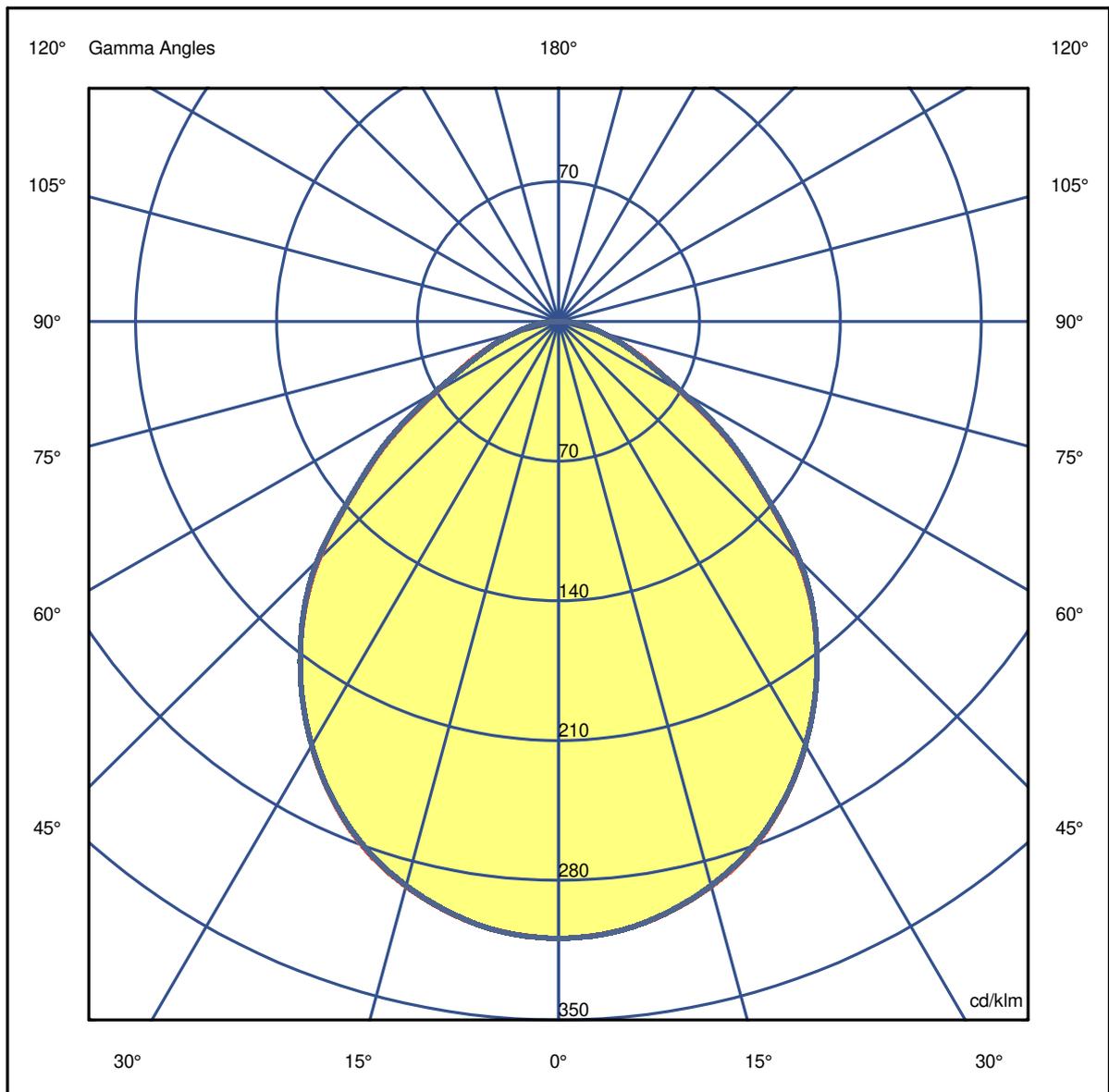
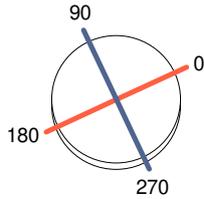
Code 26/7/2023  
Name ROFY 60 /T D/I D1150 GCONTROL+ 840 HO

|                |          |                 |               |          |               |            |                    |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| 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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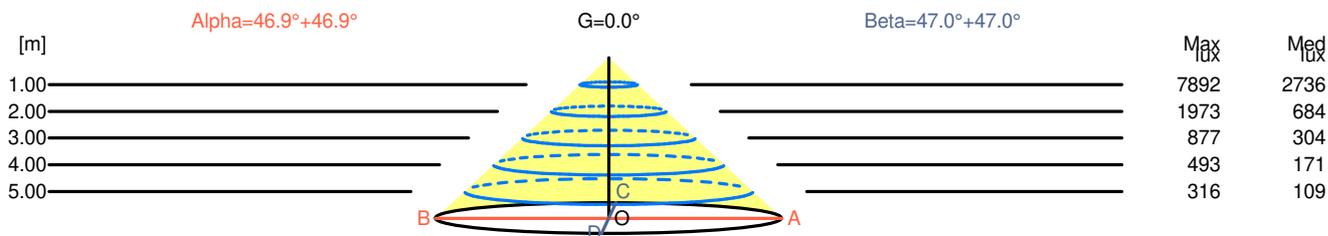
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Width at 50.00 % of Max Intensity

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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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|                |          |                 |               |          |               |            |                    |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| 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 |

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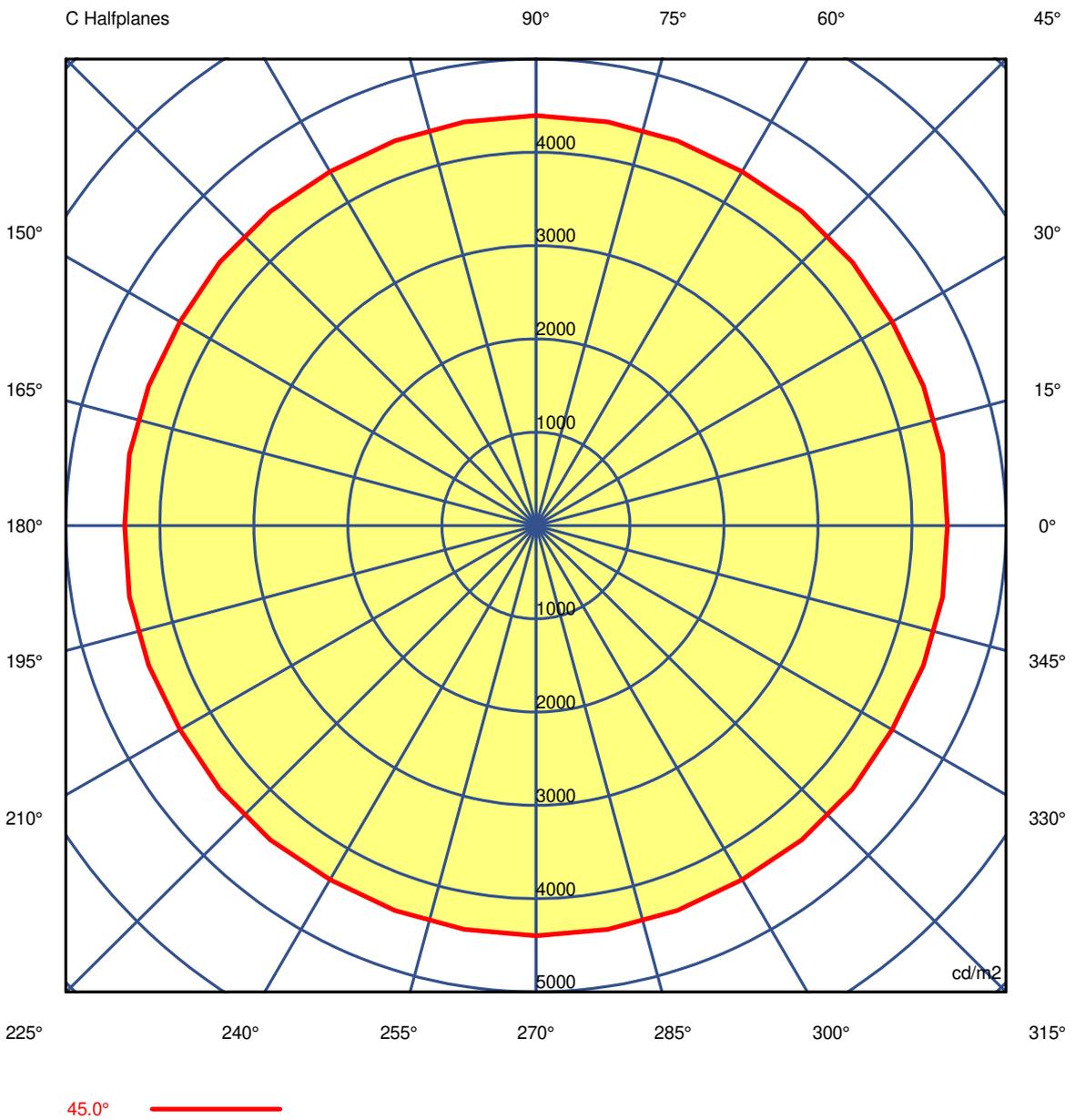
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**Measur.**

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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



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**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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**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      |