

**Luminaire**

Code 90590L600

Name ROFY 60 D/I D0600 LIGHT+ 840 LO

**Measurem.**

Code 4/8/2023

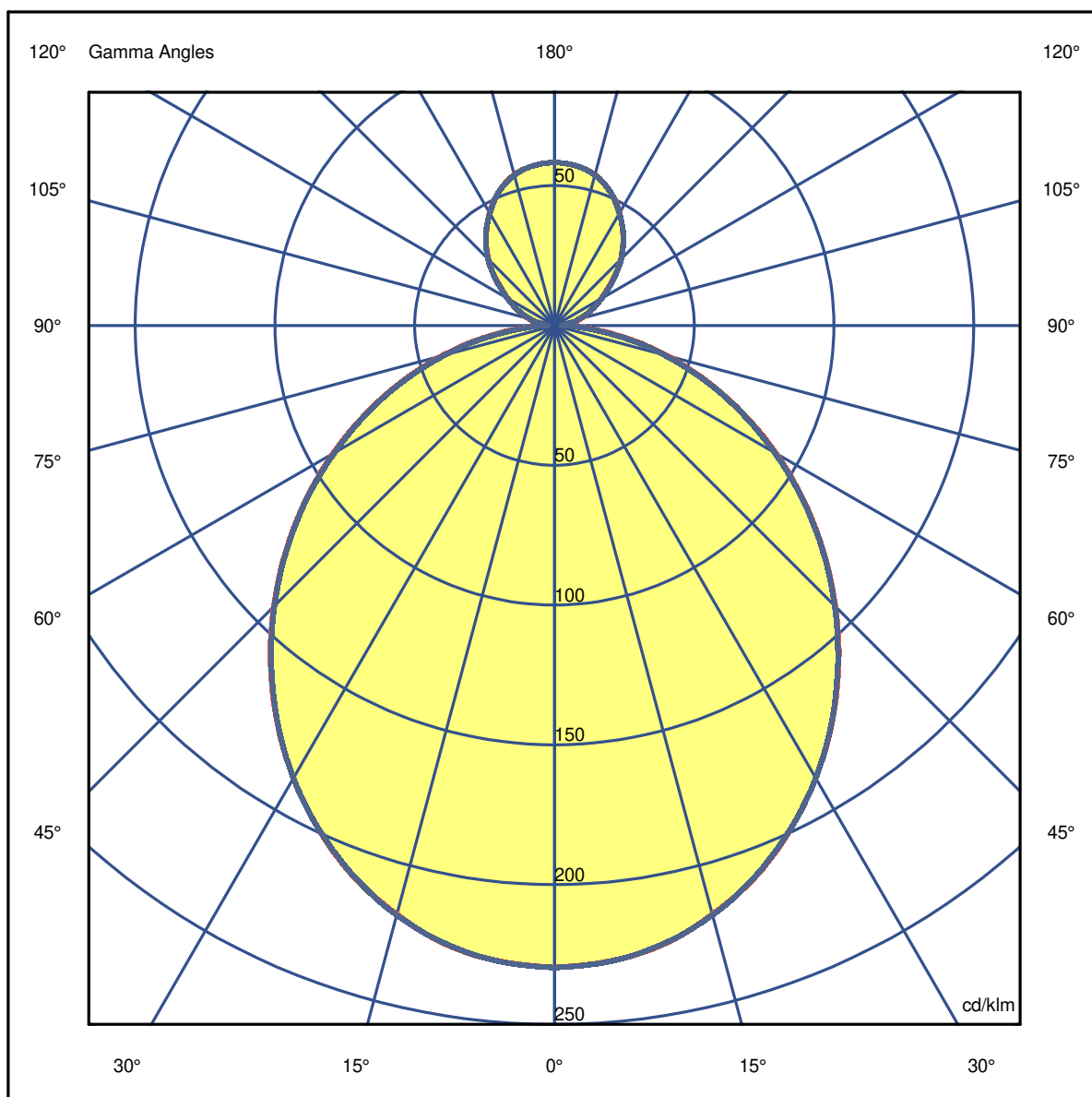
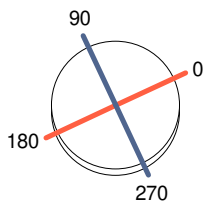
Name ROFY 60 D/I D0600 LIGHT+ 840 LO

|                |         |                 |               |          |               |            |                    |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 5758 lm | Luminaire Power | 43.3 W        | Efficacy | 133.110 lm/W  | Efficiency | 76.86%             |
| Source Flux    | 7492 lm | Maximum value   | 229.60 cd/klm | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

Diam=600mm

C Halfplanes

180.0 ————— 0.0  
270.0 ————— 90.0



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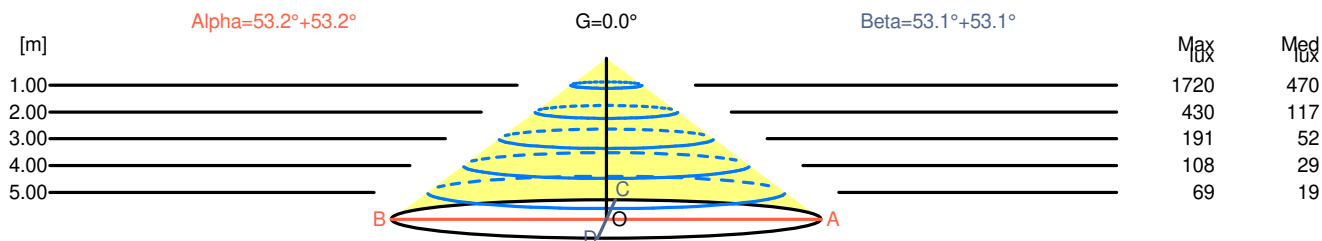
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Width at 50.00 % of Max Intensity

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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   | 1.34 | 2.67 | 4.01 | 5.34 | 6.68 | OC   | 1.33 | 2.66 | 3.99 | 5.33 | 6.66 |
| OB   | 1.34 | 2.67 | 4.01 | 5.34 | 6.68 | OD   | 1.33 | 2.66 | 3.99 | 5.33 | 6.66 |

|    | 0       | 5       | 15      | 25      | 35      | 45      | 55     | 65     | 75     | 85    |
|----|---------|---------|---------|---------|---------|---------|--------|--------|--------|-------|
| OA | 1720.16 | 1709.67 | 1634.01 | 1492.41 | 1296.87 | 1064.61 | 813.63 | 557.40 | 310.17 | 92.90 |
| OB | 1720.16 | 1709.67 | 1634.01 | 1492.41 | 1296.87 | 1064.61 | 813.63 | 557.40 | 310.17 | 92.90 |
| OC | 1720.16 | 1710.42 | 1635.50 | 1491.66 | 1295.37 | 1062.37 | 811.38 | 552.91 | 304.92 | 80.91 |
| OD | 1720.16 | 1710.42 | 1635.50 | 1491.66 | 1295.37 | 1062.37 | 811.38 | 552.91 | 304.92 | 80.91 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=53.2°+53.2° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.67  | 1720    | 470     |                   |       |
| 2.00 | 5.34  | 430     | 117     |                   |       |
| 3.00 | 8.01  | 191     | 52      |                   |       |
| 4.00 | 10.68 | 108     | 29      |                   |       |
| 5.00 | 13.35 | 69      | 19      |                   |       |

| H[m] | D[m]  | Max lux | Med lux | Beta=53.1°+53.1° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.66  | 1720    | 470     |                  |       |
| 2.00 | 5.33  | 430     | 117     |                  |       |
| 3.00 | 7.99  | 191     | 52      |                  |       |
| 4.00 | 10.65 | 108     | 29      |                  |       |
| 5.00 | 13.32 | 69      | 19      |                  |       |

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|                |         |                 |               |          |               |            |                    |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 5758 lm | Luminaire Power | 43.3 W        | Efficacy | 133.110 lm/W  | Efficiency | 76.86%             |
| Source Flux    | 7492 lm | Maximum value   | 229.60 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       | 16.4         | 17.5 | 16.9 | 18.0 | 18.6 | 16.4           | 17.5 | 16.9 | 18.0 | 18.6 |
| x=2H y=3H       | 17.7         | 18.7 | 18.3 | 19.3 | 19.9 | 17.7           | 18.6 | 18.3 | 19.2 | 19.8 |
| x=2H y=4H       | 18.2         | 19.1 | 18.8 | 19.7 | 20.4 | 18.2           | 19.1 | 18.8 | 19.7 | 20.3 |
| x=2H y=6H       | 18.6         | 19.4 | 19.2 | 20.0 | 20.7 | 18.5           | 19.3 | 19.1 | 19.9 | 20.6 |
| x=2H y=8H       | 18.6         | 19.4 | 19.3 | 20.1 | 20.8 | 18.6           | 19.3 | 19.2 | 20.0 | 20.7 |
| x=2H y=12H      | 18.7         | 19.4 | 19.3 | 20.1 | 20.8 | 18.6           | 19.3 | 19.2 | 20.0 | 20.7 |
| x=4H y=2H       | 16.9         | 17.8 | 17.5 | 18.4 | 19.1 | 16.9           | 17.8 | 17.5 | 18.4 | 19.1 |
| x=4H y=3H       | 18.4         | 19.2 | 19.1 | 19.8 | 20.5 | 18.4           | 19.1 | 19.0 | 19.8 | 20.5 |
| x=4H y=4H       | 19.0         | 19.7 | 19.7 | 20.4 | 21.1 | 19.0           | 19.6 | 19.6 | 20.3 | 21.0 |
| x=4H y=6H       | 19.5         | 20.1 | 20.2 | 20.7 | 21.5 | 19.4           | 20.0 | 20.1 | 20.6 | 21.4 |
| x=4H y=8H       | 19.6         | 20.1 | 20.3 | 20.8 | 21.6 | 19.5           | 20.0 | 20.2 | 20.7 | 21.5 |
| x=4H y=12H      | 19.7         | 20.1 | 20.4 | 20.9 | 21.7 | 19.5           | 20.0 | 20.3 | 20.7 | 21.6 |
| x=8H y=4H       | 19.2         | 19.8 | 19.9 | 20.4 | 21.3 | 19.2           | 19.7 | 19.9 | 20.4 | 21.2 |
| x=8H y=6H       | 19.8         | 20.2 | 20.5 | 20.9 | 21.7 | 19.7           | 20.1 | 20.4 | 20.8 | 21.7 |
| x=8H y=8H       | 20.0         | 20.3 | 20.7 | 21.1 | 21.9 | 19.9           | 20.2 | 20.6 | 21.0 | 21.8 |
| x=8H y=12H      | 20.1         | 20.4 | 20.8 | 21.2 | 22.0 | 20.0           | 20.3 | 20.7 | 21.0 | 21.9 |
| x=12H y=4H      | 19.2         | 19.7 | 19.9 | 20.4 | 21.2 | 19.2           | 19.6 | 19.9 | 20.3 | 21.2 |
| x=12H y=6H      | 19.8         | 20.2 | 20.5 | 20.9 | 21.8 | 19.7           | 20.1 | 20.5 | 20.8 | 21.7 |
| x=12H y=8H      | 20.0         | 20.3 | 20.8 | 21.1 | 22.0 | 19.9           | 20.2 | 20.7 | 21.0 | 21.9 |

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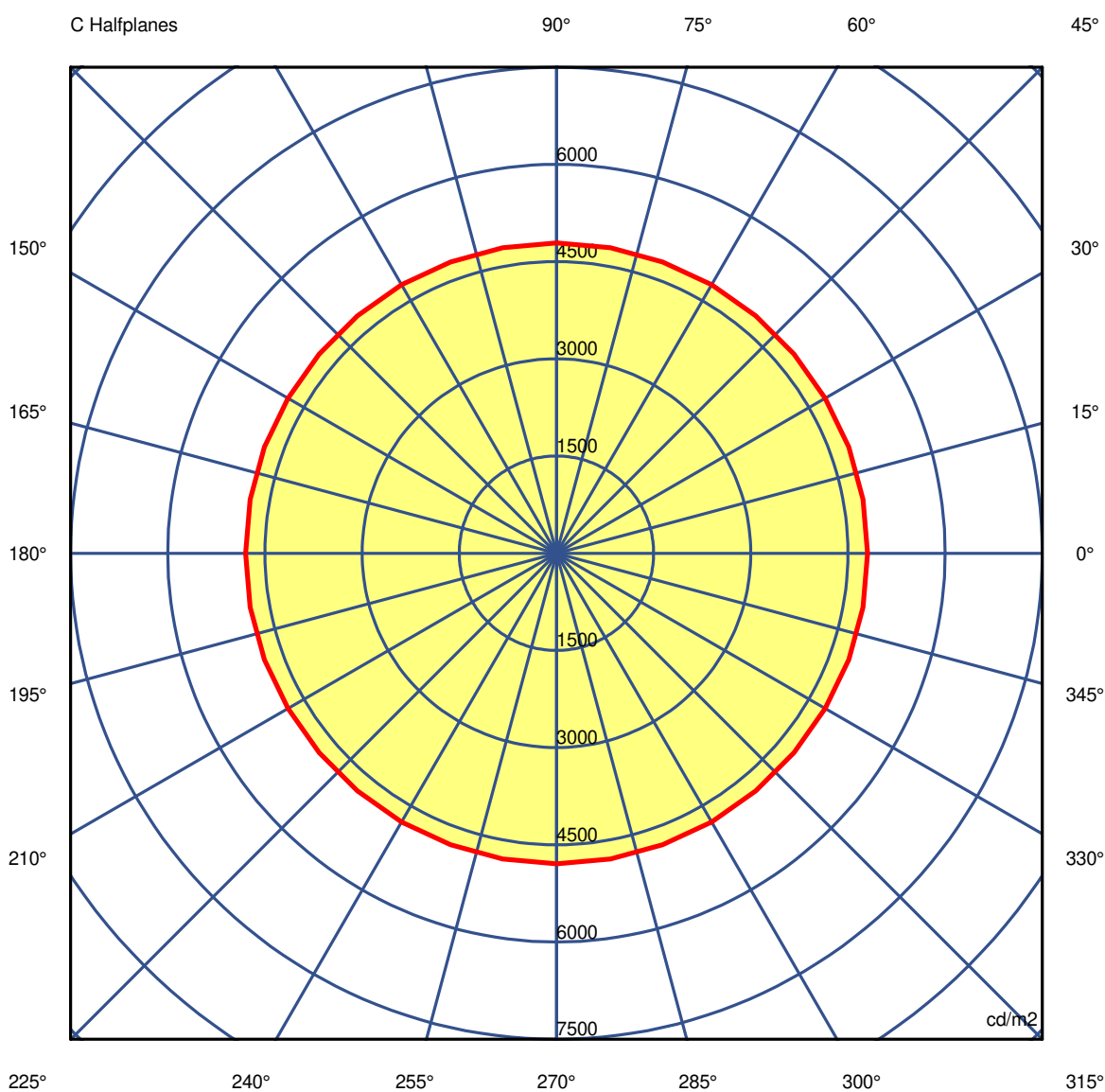
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| Luminaire Flux | 5758 lm | Luminaire Power | 43.3 W        | Efficacy | 133.110 lm/W  | Efficiency | 76.86%             |
| Source Flux    | 7492 lm | Maximum value   | 229.60 cd/klm | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

Luminance



45.0°

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| Source Flux    | 7492 lm | Maximum value   | 229.60 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  | 6511   | 6511    | 6511    | 6511    | 6511    | 6511    | 6511    | 6511    | 6511    | 6511    | 6511     | 6511     | 6511     |
| G 5.0  | 6391   | 6393    | 6395    | 6397    | 6398    | 6396    | 6394    | 6398    | 6399    | 6394    | 6399     | 6398     | 6394     |
| G 10.0 | 6264   | 6264    | 6264    | 6264    | 6260    | 6257    | 6256    | 6255    | 6256    | 6258    | 6256     | 6255     | 6256     |
| G 15.0 | 6098   | 6101    | 6106    | 6109    | 6103    | 6100    | 6103    | 6103    | 6103    | 6103    | 6103     | 6103     | 6103     |
| G 20.0 | 5931   | 5929    | 5928    | 5928    | 5925    | 5921    | 5920    | 5922    | 5924    | 5926    | 5924     | 5922     | 5920     |
| G 25.0 | 5734   | 5734    | 5733    | 5731    | 5729    | 5728    | 5728    | 5728    | 5729    | 5731    | 5729     | 5728     | 5728     |
| G 30.0 | 5525   | 5527    | 5527    | 5522    | 5515    | 5513    | 5516    | 5516    | 5518    | 5525    | 5518     | 5516     | 5516     |
| G 35.0 | 5300   | 5297    | 5297    | 5297    | 5293    | 5289    | 5287    | 5285    | 5286    | 5294    | 5286     | 5285     | 5287     |
| G 40.0 | 5060   | 5060    | 5059    | 5054    | 5044    | 5041    | 5041    | 5041    | 5042    | 5047    | 5042     | 5041     | 5041     |
| G 45.0 | 4802   | 4802    | 4798    | 4789    | 4787    | 4786    | 4786    | 4786    | 4787    | 4792    | 4787     | 4786     | 4786     |
| G 50.0 | 4529   | 4524    | 4520    | 4518    | 4517    | 4512    | 4508    | 4509    | 4514    | 4518    | 4514     | 4509     | 4508     |
| G 55.0 | 4239   | 4239    | 4235    | 4224    | 4217    | 4216    | 4216    | 4212    | 4215    | 4228    | 4215     | 4212     | 4216     |
| G 60.0 | 3922   | 3922    | 3917    | 3905    | 3895    | 3890    | 3887    | 3887    | 3890    | 3896    | 3890     | 3887     | 3887     |
| G 65.0 | 3565   | 3559    | 3553    | 3546    | 3537    | 3527    | 3522    | 3524    | 3530    | 3537    | 3530     | 3524     | 3522     |
| G 70.0 | 3157   | 3154    | 3148    | 3135    | 3115    | 3108    | 3108    | 3108    | 3113    | 3130    | 3113     | 3108     | 3108     |
| G 75.0 | 2674   | 2660    | 2649    | 2642    | 2634    | 2621    | 2609    | 2611    | 2620    | 2629    | 2620     | 2611     | 2609     |
| G 80.0 | 2087   | 2071    | 2055    | 2039    | 2023    | 2007    | 1991    | 1978    | 1978    | 1991    | 1978     | 1978     | 1991     |
| G 85.0 | 1288   | 1274    | 1260    | 1236    | 1188    | 1143    | 1122    | 1122    | 1122    | 1122    | 1122     | 1122     | 1122     |
| G 90.0 | 577    | 577     | 568     | 547     | 538     | 520     | 486     | 454     | 429     | 410     | 429      | 454      | 486      |

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|-----------------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|--|
| Luminaire Flux  | 5758 lm  |          | Luminaire Power |          | 43.3 W        |          | Efficacy |          | 133.110 lm/W  |          | Efficiency |          | 76.86%             |  |
| Source Flux     | 7492 lm  |          | Maximum value   |          | 229.60 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           | 6511     | 6511     | 6511            | 6511     | 6511          | 6511     | 6511     | 6511     | 6511          | 6511     | 6511       | 6511     | 6511               |  |
| G 5.0           | 6396     | 6398     | 6397            | 6395     | 6393          | 6391     | 6393     | 6395     | 6397          | 6398     | 6396       | 6394     | 6398               |  |
| G 10.0          | 6257     | 6260     | 6264            | 6264     | 6264          | 6264     | 6264     | 6264     | 6264          | 6260     | 6257       | 6256     | 6255               |  |
| G 15.0          | 6100     | 6103     | 6109            | 6106     | 6101          | 6098     | 6101     | 6106     | 6109          | 6103     | 6100       | 6103     | 6103               |  |
| G 20.0          | 5921     | 5925     | 5928            | 5928     | 5929          | 5931     | 5929     | 5928     | 5928          | 5925     | 5921       | 5920     | 5922               |  |
| G 25.0          | 5728     | 5729     | 5731            | 5733     | 5734          | 5734     | 5734     | 5733     | 5731          | 5729     | 5728       | 5728     | 5728               |  |
| G 30.0          | 5513     | 5515     | 5522            | 5527     | 5527          | 5525     | 5527     | 5527     | 5522          | 5515     | 5513       | 5516     | 5516               |  |
| G 35.0          | 5289     | 5293     | 5297            | 5297     | 5297          | 5300     | 5297     | 5297     | 5297          | 5293     | 5289       | 5287     | 5285               |  |
| G 40.0          | 5041     | 5044     | 5054            | 5059     | 5060          | 5060     | 5060     | 5059     | 5054          | 5044     | 5041       | 5041     | 5041               |  |
| G 45.0          | 4786     | 4787     | 4789            | 4798     | 4802          | 4802     | 4802     | 4798     | 4789          | 4787     | 4786       | 4786     | 4786               |  |
| G 50.0          | 4512     | 4517     | 4518            | 4520     | 4524          | 4529     | 4524     | 4520     | 4518          | 4517     | 4512       | 4508     | 4509               |  |
| G 55.0          | 4216     | 4217     | 4224            | 4235     | 4239          | 4239     | 4239     | 4235     | 4224          | 4217     | 4216       | 4216     | 4212               |  |
| G 60.0          | 3890     | 3895     | 3905            | 3917     | 3922          | 3922     | 3922     | 3917     | 3905          | 3895     | 3890       | 3887     | 3887               |  |
| G 65.0          | 3527     | 3537     | 3546            | 3553     | 3559          | 3565     | 3559     | 3553     | 3546          | 3537     | 3527       | 3522     | 3524               |  |
| G 70.0          | 3108     | 3115     | 3135            | 3148     | 3154          | 3157     | 3154     | 3148     | 3135          | 3115     | 3108       | 3108     | 3108               |  |
| G 75.0          | 2621     | 2634     | 2642            | 2649     | 2660          | 2674     | 2660     | 2649     | 2642          | 2634     | 2621       | 2609     | 2611               |  |
| G 80.0          | 2007     | 2023     | 2039            | 2055     | 2071          | 2087     | 2071     | 2055     | 2039          | 2023     | 2007       | 1991     | 1978               |  |
| G 85.0          | 1143     | 1188     | 1236            | 1260     | 1274          | 1288     | 1274     | 1260     | 1236          | 1188     | 1143       | 1122     | 1122               |  |
| G 90.0          | 520      | 538      | 547             | 568      | 577           | 577      | 577      | 568      | 547           | 538      | 520        | 486      | 454                |  |

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| Source Flux    | 7492 lm | Maximum value   | 229.60 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  | 6511     | 6511     | 6511     | 6511     | 6511     | 6511     | 6511     | 6511     | 6511     | 6511     |
| G 5.0  | 6399     | 6394     | 6399     | 6398     | 6394     | 6396     | 6398     | 6397     | 6395     | 6393     |
| G 10.0 | 6256     | 6258     | 6256     | 6255     | 6256     | 6257     | 6260     | 6264     | 6264     | 6264     |
| G 15.0 | 6103     | 6103     | 6103     | 6103     | 6103     | 6100     | 6103     | 6109     | 6106     | 6101     |
| G 20.0 | 5924     | 5926     | 5924     | 5922     | 5920     | 5921     | 5925     | 5928     | 5928     | 5929     |
| G 25.0 | 5729     | 5731     | 5729     | 5728     | 5728     | 5728     | 5729     | 5731     | 5733     | 5734     |
| G 30.0 | 5518     | 5525     | 5518     | 5516     | 5516     | 5513     | 5515     | 5522     | 5527     | 5527     |
| G 35.0 | 5286     | 5294     | 5286     | 5285     | 5287     | 5289     | 5293     | 5297     | 5297     | 5297     |
| G 40.0 | 5042     | 5047     | 5042     | 5041     | 5041     | 5041     | 5044     | 5054     | 5059     | 5060     |
| G 45.0 | 4787     | 4792     | 4787     | 4786     | 4786     | 4786     | 4787     | 4789     | 4798     | 4802     |
| G 50.0 | 4514     | 4518     | 4514     | 4509     | 4508     | 4512     | 4517     | 4518     | 4520     | 4524     |
| G 55.0 | 4215     | 4228     | 4215     | 4212     | 4216     | 4216     | 4217     | 4224     | 4235     | 4239     |
| G 60.0 | 3890     | 3896     | 3890     | 3887     | 3887     | 3890     | 3895     | 3905     | 3917     | 3922     |
| G 65.0 | 3530     | 3537     | 3530     | 3524     | 3522     | 3527     | 3537     | 3546     | 3553     | 3559     |
| G 70.0 | 3113     | 3130     | 3113     | 3108     | 3108     | 3108     | 3115     | 3135     | 3148     | 3154     |
| G 75.0 | 2620     | 2629     | 2620     | 2611     | 2609     | 2621     | 2634     | 2642     | 2649     | 2660     |
| G 80.0 | 1978     | 1991     | 1978     | 1978     | 1991     | 2007     | 2023     | 2039     | 2055     | 2071     |
| G 85.0 | 1122     | 1122     | 1122     | 1122     | 1122     | 1143     | 1188     | 1236     | 1260     | 1274     |
| G 90.0 | 429      | 410      | 429      | 454      | 486      | 520      | 538      | 547      | 568      | 577      |