

Luminaire

Code 90584L115
 Name ROFY 60 D1150 GCONTROL+ K3 840 LO

Measurem.

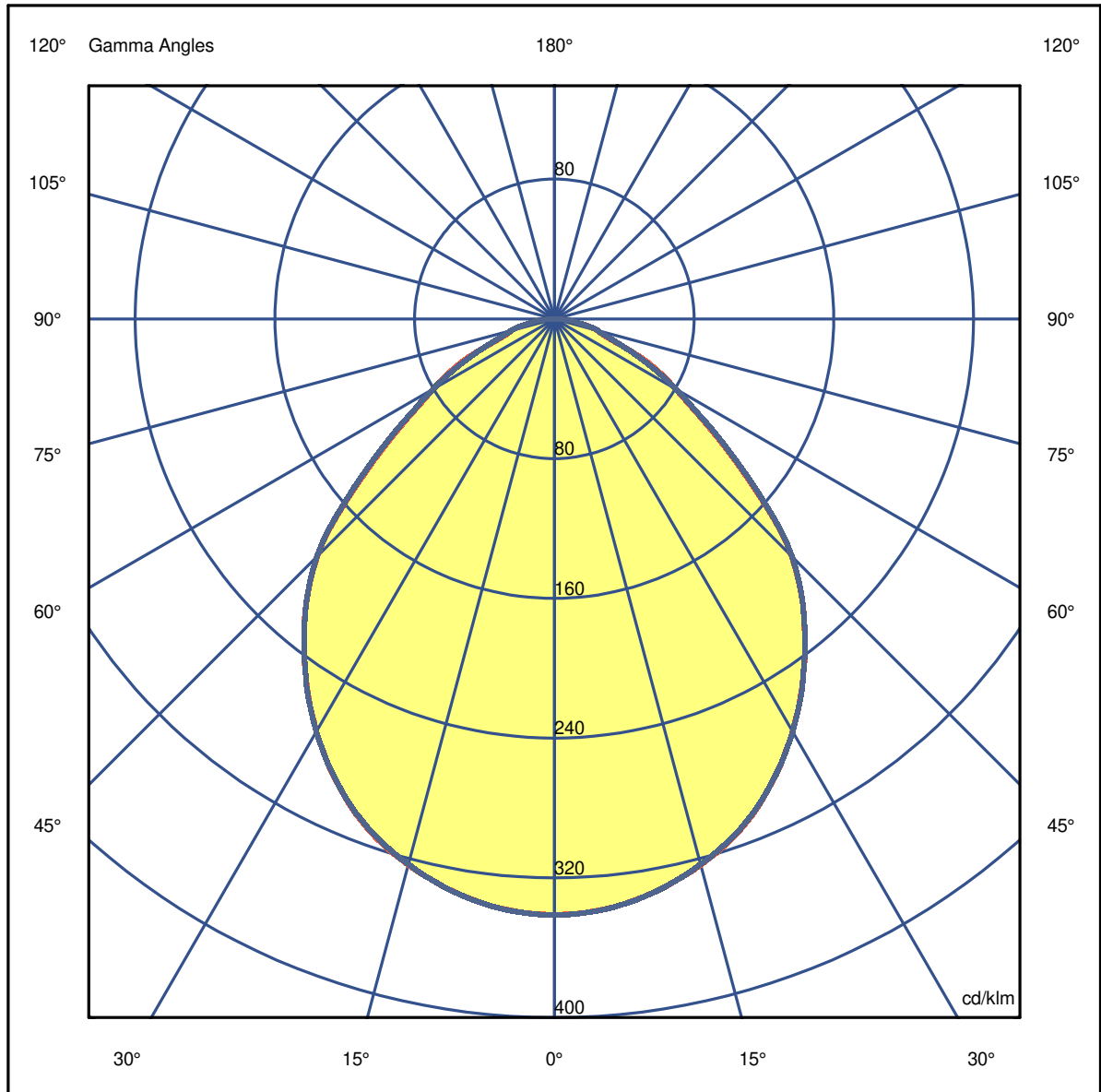
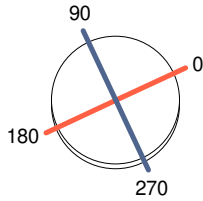
Code 4/8/2023
 Name ROFY 60 D1150 GCONTROL+ K3 840 LO

| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 12551 lm | Luminaire Power | 89.2 W | Efficacy | 140.647 lm/W | Efficiency | 74.18% |
| Source Flux | 16920 lm | Maximum value | 341.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=1150mm

C Halfplanes

180.0 ———— 0.0
 270.0 ———— 90.0



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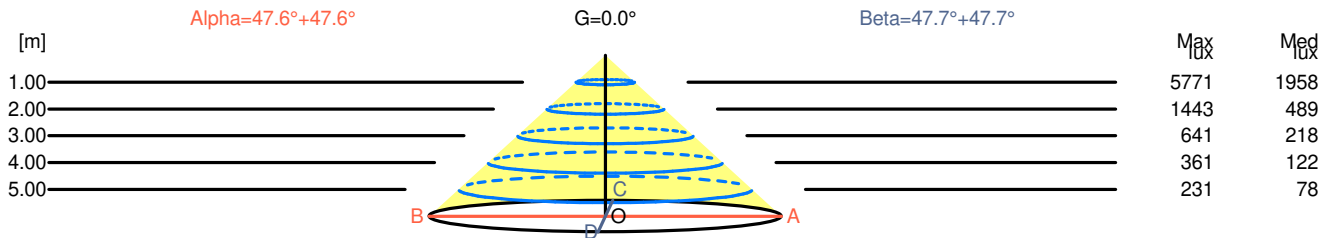
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| Source Flux | 16920 lm | Maximum value | 341.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

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 | 1.10 | 2.19 | 3.29 | 4.38 | 5.48 | OC | 1.10 | 2.20 | 3.30 | 4.40 | 5.50 |
| OB | 1.10 | 2.19 | 3.29 | 4.38 | 5.48 | OD | 1.10 | 2.20 | 3.30 | 4.40 | 5.50 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 5771.41 | 5735.88 | 5475.31 | 4969.40 | 4204.62 | 3248.64 | 1829.05 | 998.28 | 433.15 | 121.82 |
| OB | 5771.41 | 5735.88 | 5475.31 | 4969.40 | 4204.62 | 3248.64 | 1829.05 | 998.28 | 433.15 | 121.82 |
| OC | 5771.41 | 5737.57 | 5468.54 | 4967.71 | 4204.62 | 3253.72 | 1861.20 | 952.60 | 436.54 | 123.52 |
| OD | 5771.41 | 5737.57 | 5468.54 | 4967.71 | 4204.62 | 3253.72 | 1861.20 | 952.60 | 436.54 | 123.52 |



| H[m] | D[m] | Max lux | Med lux | Alpha=47.6°+47.6° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.19 | 5771 | 1958 | | | |
| 2.00 | 4.38 | 1443 | 489 | | | |
| 3.00 | 6.57 | 641 | 218 | | | |
| 4.00 | 8.76 | 361 | 122 | | | |
| 5.00 | 10.95 | 231 | 78 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=47.7°+47.7° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.20 | 5771 | 1958 | | | |
| 2.00 | 4.40 | 1443 | 489 | | | |
| 3.00 | 6.60 | 641 | 218 | | | |
| 4.00 | 8.80 | 361 | 122 | | | |
| 5.00 | 10.99 | 231 | 78 | | | |

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 12551 lm | Luminaire Power | 89.2 W | Efficacy | 140.647 lm/W | Efficiency | 74.18% |
| Source Flux | 16920 lm | Maximum value | 341.10 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 | 15.8 | 17.0 | 16.1 | 17.2 | 17.4 | 15.8 | 17.0 | 16.1 | 17.2 | 17.4 |
| x=2H y=3H | 16.5 | 17.5 | 16.8 | 17.8 | 18.0 | 16.4 | 17.5 | 16.8 | 17.7 | 18.0 |
| x=2H y=4H | 16.7 | 17.7 | 17.0 | 18.0 | 18.2 | 16.7 | 17.6 | 17.0 | 17.9 | 18.2 |
| x=2H y=6H | 16.9 | 17.8 | 17.2 | 18.1 | 18.4 | 16.9 | 17.8 | 17.2 | 18.1 | 18.4 |
| x=2H y=8H | 16.9 | 17.8 | 17.3 | 18.1 | 18.4 | 16.9 | 17.8 | 17.3 | 18.1 | 18.4 |
| x=2H y=12H | 17.0 | 17.8 | 17.3 | 18.1 | 18.5 | 17.0 | 17.8 | 17.3 | 18.1 | 18.4 |
| x=4H y=2H | 16.0 | 16.9 | 16.3 | 17.2 | 17.5 | 16.0 | 17.0 | 16.3 | 17.2 | 17.5 |
| x=4H y=3H | 16.8 | 17.6 | 17.2 | 18.0 | 18.3 | 16.8 | 17.6 | 17.2 | 17.9 | 18.3 |
| x=4H y=4H | 17.2 | 17.9 | 17.6 | 18.2 | 18.6 | 17.1 | 17.9 | 17.5 | 18.2 | 18.6 |
| x=4H y=6H | 17.5 | 18.1 | 17.9 | 18.5 | 18.9 | 17.4 | 18.1 | 17.9 | 18.4 | 18.9 |
| x=4H y=8H | 17.5 | 18.1 | 18.0 | 18.5 | 18.9 | 17.5 | 18.1 | 18.0 | 18.5 | 18.9 |
| x=4H y=12H | 17.6 | 18.1 | 18.1 | 18.5 | 19.0 | 17.6 | 18.1 | 18.0 | 18.5 | 19.0 |
| x=8H y=4H | 17.2 | 17.8 | 17.7 | 18.2 | 18.6 | 17.2 | 17.8 | 17.7 | 18.2 | 18.6 |
| x=8H y=6H | 17.7 | 18.1 | 18.1 | 18.6 | 19.0 | 17.7 | 18.1 | 18.1 | 18.5 | 19.0 |
| x=8H y=8H | 17.8 | 18.3 | 18.3 | 18.7 | 19.2 | 17.8 | 18.2 | 18.3 | 18.7 | 19.2 |
| x=8H y=12H | 18.0 | 18.3 | 18.5 | 18.8 | 19.3 | 17.9 | 18.3 | 18.4 | 18.8 | 19.3 |
| x=12H y=4H | 17.2 | 17.8 | 17.7 | 18.2 | 18.6 | 17.2 | 17.7 | 17.7 | 18.1 | 18.6 |
| x=12H y=6H | 17.7 | 18.1 | 18.2 | 18.5 | 19.0 | 17.7 | 18.1 | 18.1 | 18.5 | 19.0 |
| x=12H y=8H | 17.9 | 18.3 | 18.4 | 18.7 | 19.2 | 17.9 | 18.2 | 18.4 | 18.7 | 19.2 |

Luminaire

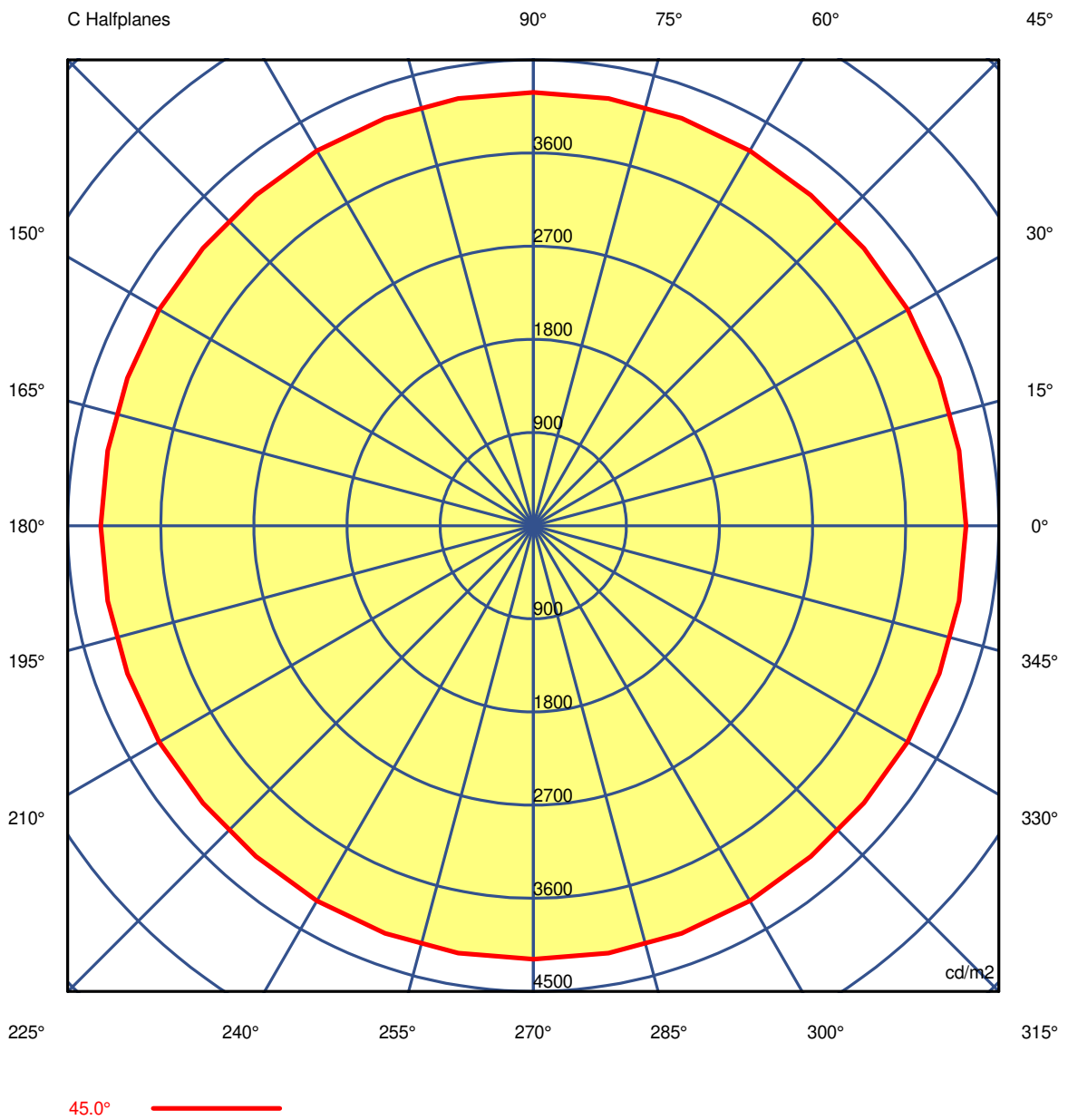
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| Luminaire Flux | 12551 lm | Luminaire Power | 89.2 W | Efficacy | 140.647 lm/W | Efficiency | 74.18% |
| Source Flux | 16920 lm | Maximum value | 341.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



Luminaire

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| Source Flux | 16920 lm | Maximum value | 341.10 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 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 |
| G 5.0 | 5694 | 5692 | 5692 | 5692 | 5692 | 5692 | 5692 | 5690 | 5691 | 5695 | 5691 | 5690 | 5692 |
| G 10.0 | 5607 | 5608 | 5608 | 5605 | 5605 | 5605 | 5605 | 5604 | 5604 | 5608 | 5604 | 5604 | 5605 |
| G 15.0 | 5511 | 5509 | 5505 | 5501 | 5496 | 5496 | 5497 | 5498 | 5500 | 5504 | 5500 | 5498 | 5497 |
| G 20.0 | 5397 | 5392 | 5381 | 5368 | 5361 | 5358 | 5361 | 5372 | 5383 | 5390 | 5383 | 5372 | 5361 |
| G 25.0 | 5234 | 5230 | 5222 | 5214 | 5213 | 5212 | 5212 | 5216 | 5223 | 5232 | 5223 | 5216 | 5212 |
| G 30.0 | 5034 | 5029 | 5030 | 5038 | 5048 | 5050 | 5042 | 5030 | 5028 | 5038 | 5028 | 5030 | 5042 |
| G 35.0 | 4797 | 4799 | 4806 | 4822 | 4835 | 4839 | 4829 | 4809 | 4799 | 4797 | 4799 | 4809 | 4829 |
| G 40.0 | 4532 | 4534 | 4539 | 4548 | 4556 | 4559 | 4554 | 4545 | 4536 | 4530 | 4536 | 4545 | 4554 |
| G 45.0 | 4181 | 4177 | 4176 | 4176 | 4169 | 4171 | 4183 | 4190 | 4191 | 4187 | 4191 | 4190 | 4183 |
| G 50.0 | 3480 | 3542 | 3576 | 3529 | 3385 | 3387 | 3536 | 3592 | 3569 | 3522 | 3569 | 3592 | 3536 |
| G 55.0 | 2797 | 3004 | 2912 | 2562 | 2285 | 2264 | 2523 | 2908 | 3037 | 2846 | 3037 | 2908 | 2523 |
| G 60.0 | 2321 | 2313 | 2139 | 1794 | 1841 | 1862 | 1858 | 2160 | 2311 | 2321 | 2311 | 2160 | 1858 |
| G 65.0 | 1954 | 1903 | 1732 | 1484 | 1596 | 1620 | 1520 | 1706 | 1834 | 1865 | 1834 | 1706 | 1520 |
| G 70.0 | 1336 | 1466 | 1499 | 1414 | 1283 | 1273 | 1382 | 1456 | 1454 | 1398 | 1454 | 1456 | 1382 |
| G 75.0 | 1229 | 1269 | 1204 | 1105 | 1132 | 1133 | 1105 | 1196 | 1262 | 1239 | 1262 | 1196 | 1105 |
| G 80.0 | 970 | 1026 | 1073 | 1089 | 1064 | 1066 | 1096 | 1084 | 1038 | 976 | 1038 | 1084 | 1096 |
| G 85.0 | 665 | 761 | 839 | 850 | 769 | 771 | 850 | 824 | 747 | 675 | 747 | 824 | 850 |
| G 90.0 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 |

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| Source Flux | 16920 lm | Maximum value | 341.10 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 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 |
| G 5.0 | 5692 | 5692 | 5692 | 5692 | 5692 | 5694 | 5692 | 5692 | 5692 | 5692 | 5692 | 5692 | 5690 |
| G 10.0 | 5605 | 5605 | 5605 | 5608 | 5608 | 5607 | 5608 | 5608 | 5605 | 5605 | 5605 | 5605 | 5604 |
| G 15.0 | 5496 | 5496 | 5501 | 5505 | 5509 | 5511 | 5509 | 5508 | 5501 | 5496 | 5496 | 5497 | 5498 |
| G 20.0 | 5358 | 5361 | 5368 | 5381 | 5392 | 5397 | 5392 | 5381 | 5368 | 5361 | 5358 | 5361 | 5372 |
| G 25.0 | 5212 | 5213 | 5214 | 5222 | 5230 | 5234 | 5230 | 5222 | 5214 | 5213 | 5212 | 5212 | 5216 |
| G 30.0 | 5050 | 5048 | 5038 | 5030 | 5029 | 5034 | 5029 | 5030 | 5038 | 5048 | 5050 | 5042 | 5030 |
| G 35.0 | 4839 | 4835 | 4822 | 4806 | 4799 | 4797 | 4799 | 4806 | 4822 | 4835 | 4839 | 4829 | 4809 |
| G 40.0 | 4559 | 4556 | 4548 | 4539 | 4534 | 4532 | 4534 | 4539 | 4548 | 4556 | 4559 | 4554 | 4545 |
| G 45.0 | 4171 | 4169 | 4176 | 4176 | 4177 | 4181 | 4177 | 4176 | 4176 | 4169 | 4171 | 4183 | 4190 |
| G 50.0 | 3387 | 3385 | 3529 | 3576 | 3542 | 3480 | 3542 | 3576 | 3529 | 3385 | 3387 | 3536 | 3592 |
| G 55.0 | 2264 | 2285 | 2562 | 2912 | 3004 | 2797 | 3004 | 2912 | 2562 | 2285 | 2264 | 2523 | 2908 |
| G 60.0 | 1862 | 1841 | 1794 | 2139 | 2313 | 2321 | 2313 | 2139 | 1794 | 1841 | 1862 | 1858 | 2160 |
| G 65.0 | 1620 | 1596 | 1484 | 1732 | 1903 | 1954 | 1903 | 1732 | 1484 | 1596 | 1620 | 1520 | 1706 |
| G 70.0 | 1273 | 1283 | 1414 | 1499 | 1466 | 1336 | 1466 | 1499 | 1414 | 1283 | 1273 | 1382 | 1456 |
| G 75.0 | 1133 | 1132 | 1105 | 1204 | 1269 | 1229 | 1269 | 1204 | 1105 | 1132 | 1133 | 1105 | 1196 |
| G 80.0 | 1066 | 1064 | 1089 | 1073 | 1026 | 970 | 1026 | 1073 | 1089 | 1064 | 1066 | 1096 | 1084 |
| G 85.0 | 771 | 769 | 850 | 839 | 761 | 665 | 761 | 839 | 850 | 769 | 771 | 850 | 824 |
| G 90.0 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 |

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| Source Flux | 16920 lm | Maximum value | 341.10 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 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 | 5755 |
| G 5.0 | 5691 | 5695 | 5691 | 5690 | 5692 | 5692 | 5692 | 5692 | 5692 | 5692 |
| G 10.0 | 5604 | 5608 | 5604 | 5604 | 5605 | 5605 | 5605 | 5605 | 5608 | 5608 |
| G 15.0 | 5500 | 5504 | 5500 | 5498 | 5497 | 5496 | 5496 | 5501 | 5505 | 5509 |
| G 20.0 | 5383 | 5390 | 5383 | 5372 | 5361 | 5358 | 5361 | 5368 | 5381 | 5392 |
| G 25.0 | 5223 | 5232 | 5223 | 5216 | 5212 | 5212 | 5213 | 5214 | 5222 | 5230 |
| G 30.0 | 5028 | 5038 | 5028 | 5030 | 5042 | 5050 | 5048 | 5038 | 5030 | 5029 |
| G 35.0 | 4799 | 4797 | 4799 | 4809 | 4829 | 4839 | 4835 | 4822 | 4806 | 4799 |
| G 40.0 | 4536 | 4530 | 4536 | 4545 | 4554 | 4559 | 4556 | 4548 | 4539 | 4534 |
| G 45.0 | 4191 | 4187 | 4191 | 4190 | 4183 | 4171 | 4169 | 4176 | 4176 | 4177 |
| G 50.0 | 3569 | 3522 | 3569 | 3592 | 3536 | 3387 | 3385 | 3529 | 3576 | 3542 |
| G 55.0 | 3037 | 2846 | 3037 | 2908 | 2523 | 2264 | 2285 | 2562 | 2912 | 3004 |
| G 60.0 | 2311 | 2321 | 2311 | 2160 | 1858 | 1862 | 1841 | 1794 | 2139 | 2313 |
| G 65.0 | 1834 | 1865 | 1834 | 1706 | 1520 | 1620 | 1596 | 1484 | 1732 | 1903 |
| G 70.0 | 1454 | 1398 | 1454 | 1456 | 1382 | 1273 | 1283 | 1414 | 1499 | 1466 |
| G 75.0 | 1262 | 1239 | 1262 | 1196 | 1105 | 1133 | 1132 | 1105 | 1204 | 1269 |
| G 80.0 | 1038 | 976 | 1038 | 1084 | 1096 | 1066 | 1064 | 1089 | 1073 | 1026 |
| G 85.0 | 747 | 675 | 747 | 824 | 850 | 771 | 769 | 850 | 839 | 761 |
| G 90.0 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 | 141 |