

Luminaire

Code 90585L900

Name ROFY 60 D0900 LIGHT+ K3 840 HO

Measurem.

Code 4/8/2023

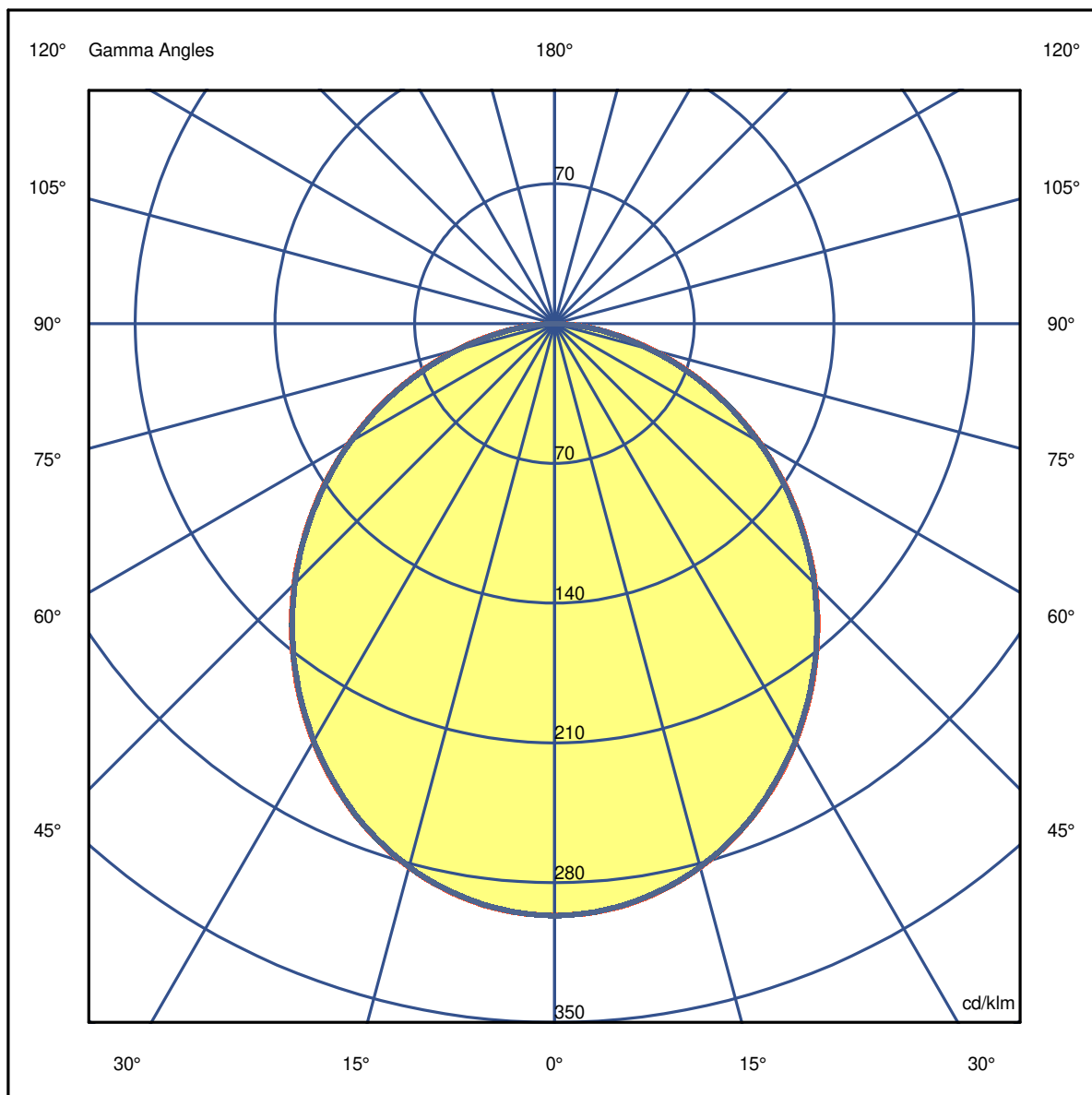
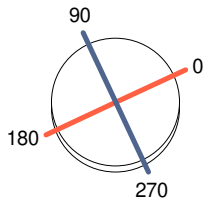
Name ROFY 60 D0900 LIGHT+ K3 840 HO

| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 9764 lm | Luminaire Power | 64.9 W | Efficacy | 150.408 lm/W | Efficiency | 79.49% |
| Source Flux | 12284 lm | Maximum value | 296.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=900mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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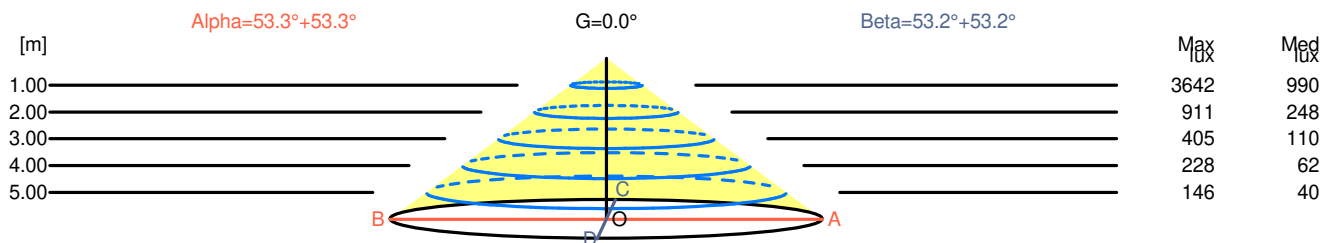
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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
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| Source Flux | 12284 lm | Maximum value | 296.50 cd/klm | Position | 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 | 1.34 | 2.69 | 4.03 | 5.38 | 6.72 | OC | 1.34 | 2.67 | 4.01 | 5.35 | 6.68 |
| OB | 1.34 | 2.69 | 4.03 | 5.38 | 6.72 | OD | 1.34 | 2.67 | 4.01 | 5.35 | 6.68 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| OA | 3642.21 | 3621.32 | 3461.63 | 3163.13 | 2751.62 | 2266.40 | 1730.82 | 1171.89 | 622.80 | 153.55 |
| OB | 3642.21 | 3621.32 | 3461.63 | 3163.13 | 2751.62 | 2266.40 | 1730.82 | 1171.89 | 622.80 | 153.55 |
| OC | 3642.21 | 3617.64 | 3459.17 | 3154.53 | 2746.70 | 2260.26 | 1722.22 | 1162.07 | 608.06 | 141.27 |
| OD | 3642.21 | 3617.64 | 3459.17 | 3154.53 | 2746.70 | 2260.26 | 1722.22 | 1162.07 | 608.06 | 141.27 |



| H[m] | D[m] | Max lux | Med lux | Alpha=53.3°+53.3° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.69 | 3642 | 990 | | | |
| 2.00 | 5.38 | 911 | 248 | | | |
| 3.00 | 8.06 | 405 | 110 | | | |
| 4.00 | 10.75 | 228 | 62 | | | |
| 5.00 | 13.44 | 146 | 40 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=53.2°+53.2° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.67 | 3642 | 990 | | | |
| 2.00 | 5.35 | 911 | 248 | | | |
| 3.00 | 8.02 | 405 | 110 | | | |
| 4.00 | 10.69 | 228 | 62 | | | |
| 5.00 | 13.37 | 146 | 40 | | | |

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 9764 lm | Luminaire Power | 64.9 W | Efficacy | 150.408 lm/W | Efficiency | 79.49% |
| Source Flux | 12284 lm | Maximum value | 296.50 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 | | | | | | | | | | |
| Room Dimensions | Lateral View | | | | | Viewed Endwise | | | | |
| x=2H y=2H | 17.6 | 18.9 | 17.9 | 19.1 | 19.3 | 17.6 | 18.9 | 17.8 | 19.1 | 19.3 |
| x=2H y=3H | 19.0 | 20.1 | 19.3 | 20.4 | 20.7 | 18.9 | 20.1 | 19.2 | 20.4 | 20.6 |
| x=2H y=4H | 19.5 | 20.6 | 19.8 | 20.9 | 21.1 | 19.4 | 20.5 | 19.7 | 20.8 | 21.1 |
| x=2H y=6H | 19.8 | 20.8 | 20.2 | 21.2 | 21.5 | 19.7 | 20.8 | 20.1 | 21.1 | 21.4 |
| x=2H y=8H | 19.9 | 20.9 | 20.3 | 21.2 | 21.5 | 19.8 | 20.8 | 20.2 | 21.1 | 21.4 |
| x=2H y=12H | 19.9 | 20.9 | 20.3 | 21.2 | 21.6 | 19.8 | 20.8 | 20.2 | 21.1 | 21.5 |
| x=4H y=2H | 18.2 | 19.3 | 18.5 | 19.6 | 19.9 | 18.2 | 19.3 | 18.5 | 19.6 | 19.9 |
| x=4H y=3H | 19.8 | 20.7 | 20.1 | 21.0 | 21.4 | 19.7 | 20.7 | 20.1 | 21.0 | 21.3 |
| x=4H y=4H | 20.4 | 21.2 | 20.8 | 21.6 | 21.9 | 20.3 | 21.2 | 20.7 | 21.5 | 21.9 |
| x=4H y=6H | 20.8 | 21.6 | 21.3 | 21.9 | 22.3 | 20.7 | 21.5 | 21.2 | 21.9 | 22.3 |
| x=4H y=8H | 21.0 | 21.6 | 21.4 | 22.0 | 22.4 | 20.9 | 21.5 | 21.3 | 21.9 | 22.3 |
| x=4H y=12H | 21.0 | 21.6 | 21.5 | 22.0 | 22.5 | 20.9 | 21.5 | 21.4 | 21.9 | 22.4 |
| x=8H y=4H | 20.6 | 21.3 | 21.1 | 21.7 | 22.1 | 20.6 | 21.2 | 21.0 | 21.6 | 22.1 |
| x=8H y=6H | 21.2 | 21.7 | 21.6 | 22.2 | 22.6 | 21.1 | 21.6 | 21.6 | 22.1 | 22.5 |
| x=8H y=8H | 21.4 | 21.9 | 21.9 | 22.3 | 22.8 | 21.3 | 21.8 | 21.8 | 22.2 | 22.7 |
| x=8H y=12H | 21.5 | 21.9 | 22.0 | 22.4 | 22.9 | 21.4 | 21.8 | 21.8 | 22.3 | 22.8 |
| x=12H y=4H | 20.6 | 21.2 | 21.1 | 21.6 | 22.1 | 20.6 | 21.2 | 21.0 | 21.6 | 22.0 |
| x=12H y=6H | 21.2 | 21.7 | 21.7 | 22.1 | 22.6 | 21.1 | 21.6 | 21.6 | 22.1 | 22.6 |
| x=12H y=8H | 21.4 | 21.8 | 21.9 | 22.3 | 22.8 | 21.3 | 21.8 | 21.8 | 22.2 | 22.7 |

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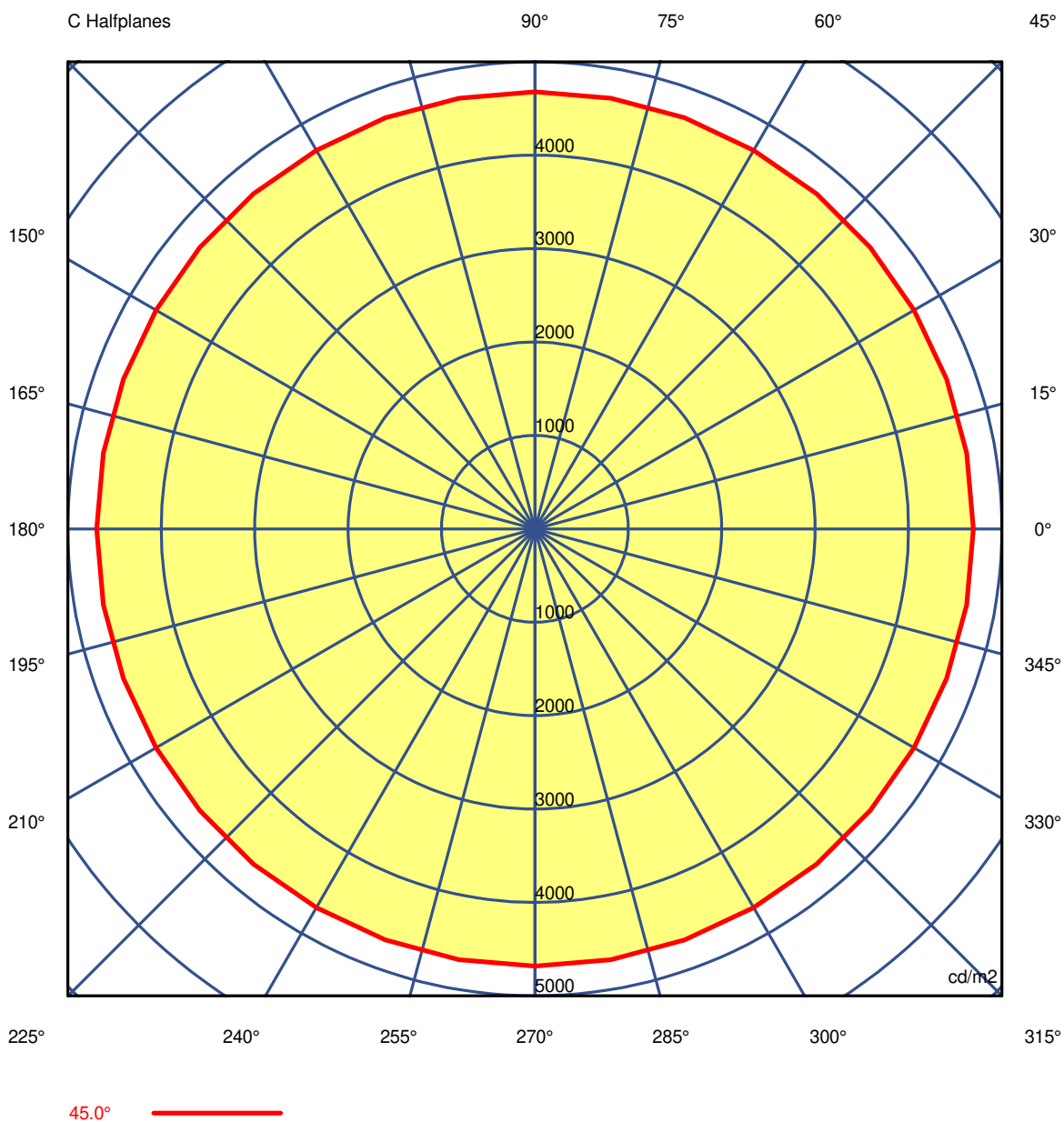
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|----------------|----------|-----------------|---------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 9764 lm | Luminaire Power | 64.9 W | Efficacy | 150.408 lm/W | Efficiency | 79.49% |
| Source Flux | 12284 lm | Maximum value | 296.50 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical | |

Luminance



Luminaire

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Measurement

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| Luminaire Flux | 9764 lm | | Luminaire Power | | 64.9 W | | Efficacy | | 150.408 lm/W | | Efficiency | | 79.49% | |
|-----------------|----------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Source Flux | 12284 lm | | Maximum value | | 296.50 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 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | |
| G 5.0 | 5913 | 5913 | 5913 | 5913 | 5915 | 5915 | 5913 | 5915 | 5914 | 5907 | 5914 | 5915 | 5913 | |
| G 10.0 | 5819 | 5821 | 5820 | 5817 | 5818 | 5820 | 5821 | 5821 | 5817 | 5811 | 5817 | 5821 | 5821 | |
| G 15.0 | 5704 | 5706 | 5707 | 5706 | 5705 | 5705 | 5706 | 5705 | 5703 | 5700 | 5703 | 5705 | 5706 | |
| G 20.0 | 5573 | 5575 | 5574 | 5571 | 5572 | 5572 | 5571 | 5573 | 5571 | 5565 | 5571 | 5573 | 5571 | |
| G 25.0 | 5427 | 5426 | 5424 | 5423 | 5423 | 5423 | 5423 | 5422 | 5419 | 5412 | 5419 | 5422 | 5423 | |
| G 30.0 | 5263 | 5262 | 5260 | 5259 | 5262 | 5262 | 5259 | 5259 | 5258 | 5257 | 5258 | 5259 | 5259 | |
| G 35.0 | 5085 | 5083 | 5083 | 5083 | 5083 | 5082 | 5080 | 5079 | 5077 | 5076 | 5077 | 5079 | 5080 | |
| G 40.0 | 4894 | 4894 | 4893 | 4890 | 4891 | 4892 | 4890 | 4890 | 4888 | 4883 | 4888 | 4890 | 4890 | |
| G 45.0 | 4693 | 4692 | 4688 | 4685 | 4687 | 4686 | 4683 | 4684 | 4684 | 4680 | 4684 | 4684 | 4683 | |
| G 50.0 | 4470 | 4467 | 4467 | 4467 | 4463 | 4461 | 4461 | 4458 | 4454 | 4450 | 4454 | 4458 | 4461 | |
| G 55.0 | 4220 | 4218 | 4216 | 4214 | 4212 | 4211 | 4211 | 4210 | 4206 | 4199 | 4206 | 4210 | 4211 | |
| G 60.0 | 3946 | 3941 | 3938 | 3936 | 3932 | 3928 | 3926 | 3922 | 3918 | 3916 | 3918 | 3922 | 3926 | |
| G 65.0 | 3608 | 3605 | 3604 | 3604 | 3599 | 3593 | 3589 | 3586 | 3583 | 3577 | 3583 | 3586 | 3589 | |
| G 70.0 | 3218 | 3208 | 3203 | 3200 | 3188 | 3178 | 3174 | 3171 | 3167 | 3160 | 3167 | 3171 | 3174 | |
| G 75.0 | 2712 | 2712 | 2708 | 2696 | 2682 | 2666 | 2653 | 2653 | 2651 | 2648 | 2651 | 2653 | 2653 | |
| G 80.0 | 2083 | 2080 | 2070 | 2056 | 2044 | 2021 | 1994 | 1994 | 1992 | 1980 | 1992 | 1994 | 1994 | |
| G 85.0 | 1204 | 1216 | 1203 | 1175 | 1162 | 1147 | 1127 | 1119 | 1115 | 1108 | 1115 | 1119 | 1127 | |
| G 90.0 | 197 | 184 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | |

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| Source Flux | 12284 lm | | Maximum value | | 296.50 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 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | |
| G 5.0 | 5915 | 5915 | 5913 | 5913 | 5913 | 5913 | 5913 | 5913 | 5913 | 5915 | 5915 | 5913 | 5915 | |
| G 10.0 | 5820 | 5818 | 5817 | 5820 | 5821 | 5819 | 5821 | 5820 | 5817 | 5818 | 5820 | 5821 | 5821 | |
| G 15.0 | 5705 | 5705 | 5706 | 5707 | 5706 | 5704 | 5706 | 5707 | 5706 | 5705 | 5705 | 5706 | 5705 | |
| G 20.0 | 5572 | 5572 | 5571 | 5574 | 5575 | 5573 | 5575 | 5574 | 5571 | 5572 | 5572 | 5571 | 5573 | |
| G 25.0 | 5423 | 5423 | 5423 | 5424 | 5426 | 5427 | 5426 | 5424 | 5423 | 5423 | 5423 | 5423 | 5422 | |
| G 30.0 | 5262 | 5262 | 5259 | 5260 | 5262 | 5263 | 5262 | 5260 | 5259 | 5262 | 5262 | 5259 | 5259 | |
| G 35.0 | 5082 | 5083 | 5083 | 5083 | 5083 | 5085 | 5083 | 5083 | 5083 | 5083 | 5082 | 5080 | 5079 | |
| G 40.0 | 4892 | 4891 | 4890 | 4893 | 4894 | 4894 | 4894 | 4893 | 4890 | 4891 | 4892 | 4890 | 4890 | |
| G 45.0 | 4686 | 4687 | 4685 | 4688 | 4692 | 4693 | 4692 | 4688 | 4685 | 4687 | 4686 | 4683 | 4684 | |
| G 50.0 | 4461 | 4463 | 4467 | 4467 | 4467 | 4470 | 4467 | 4467 | 4467 | 4463 | 4461 | 4461 | 4458 | |
| G 55.0 | 4211 | 4212 | 4214 | 4216 | 4218 | 4220 | 4218 | 4216 | 4214 | 4212 | 4211 | 4211 | 4210 | |
| G 60.0 | 3928 | 3932 | 3936 | 3938 | 3941 | 3946 | 3941 | 3938 | 3936 | 3932 | 3928 | 3926 | 3922 | |
| G 65.0 | 3593 | 3599 | 3604 | 3604 | 3605 | 3608 | 3605 | 3604 | 3604 | 3599 | 3593 | 3589 | 3586 | |
| G 70.0 | 3178 | 3188 | 3200 | 3203 | 3208 | 3218 | 3208 | 3203 | 3200 | 3188 | 3178 | 3174 | 3171 | |
| G 75.0 | 2666 | 2682 | 2696 | 2708 | 2712 | 2712 | 2712 | 2708 | 2696 | 2682 | 2666 | 2653 | 2653 | |
| G 80.0 | 2021 | 2044 | 2056 | 2070 | 2080 | 2083 | 2080 | 2070 | 2056 | 2044 | 2021 | 1994 | 1994 | |
| G 85.0 | 1147 | 1162 | 1175 | 1203 | 1216 | 1204 | 1216 | 1203 | 1175 | 1162 | 1147 | 1127 | 1119 | |
| G 90.0 | 181 | 181 | 181 | 181 | 184 | 197 | 184 | 181 | 181 | 181 | 181 | 181 | 181 | |

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| Source Flux | 12284 lm | Maximum value | 296.50 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 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 | 5988 |
| G 5.0 | 5914 | 5907 | 5914 | 5915 | 5913 | 5915 | 5915 | 5913 | 5913 | 5913 |
| G 10.0 | 5817 | 5811 | 5817 | 5821 | 5821 | 5820 | 5818 | 5817 | 5820 | 5821 |
| G 15.0 | 5703 | 5700 | 5703 | 5705 | 5706 | 5705 | 5705 | 5706 | 5707 | 5706 |
| G 20.0 | 5571 | 5565 | 5571 | 5573 | 5571 | 5572 | 5572 | 5571 | 5574 | 5575 |
| G 25.0 | 5419 | 5412 | 5419 | 5422 | 5423 | 5423 | 5423 | 5423 | 5424 | 5426 |
| G 30.0 | 5258 | 5257 | 5258 | 5259 | 5259 | 5262 | 5262 | 5259 | 5260 | 5262 |
| G 35.0 | 5077 | 5076 | 5077 | 5079 | 5080 | 5082 | 5083 | 5083 | 5083 | 5083 |
| G 40.0 | 4888 | 4883 | 4888 | 4890 | 4890 | 4892 | 4891 | 4890 | 4893 | 4894 |
| G 45.0 | 4684 | 4680 | 4684 | 4684 | 4683 | 4686 | 4687 | 4685 | 4688 | 4692 |
| G 50.0 | 4454 | 4450 | 4454 | 4458 | 4461 | 4461 | 4463 | 4467 | 4467 | 4467 |
| G 55.0 | 4206 | 4199 | 4206 | 4210 | 4211 | 4211 | 4212 | 4214 | 4216 | 4218 |
| G 60.0 | 3918 | 3916 | 3918 | 3922 | 3926 | 3928 | 3932 | 3936 | 3938 | 3941 |
| G 65.0 | 3583 | 3577 | 3583 | 3586 | 3589 | 3593 | 3599 | 3604 | 3604 | 3605 |
| G 70.0 | 3167 | 3160 | 3167 | 3171 | 3174 | 3178 | 3188 | 3200 | 3203 | 3208 |
| G 75.0 | 2651 | 2648 | 2651 | 2653 | 2653 | 2666 | 2682 | 2696 | 2708 | 2712 |
| G 80.0 | 1992 | 1980 | 1992 | 1994 | 1994 | 2021 | 2044 | 2056 | 2070 | 2080 |
| G 85.0 | 1115 | 1108 | 1115 | 1119 | 1127 | 1147 | 1162 | 1175 | 1203 | 1216 |
| G 90.0 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 181 | 184 |