

Luminaire

Code 90594L900

Name ROFY 60 /T D/I D0900 LIGHT+ 840 LO

Measurem.

Code 4/8/2023

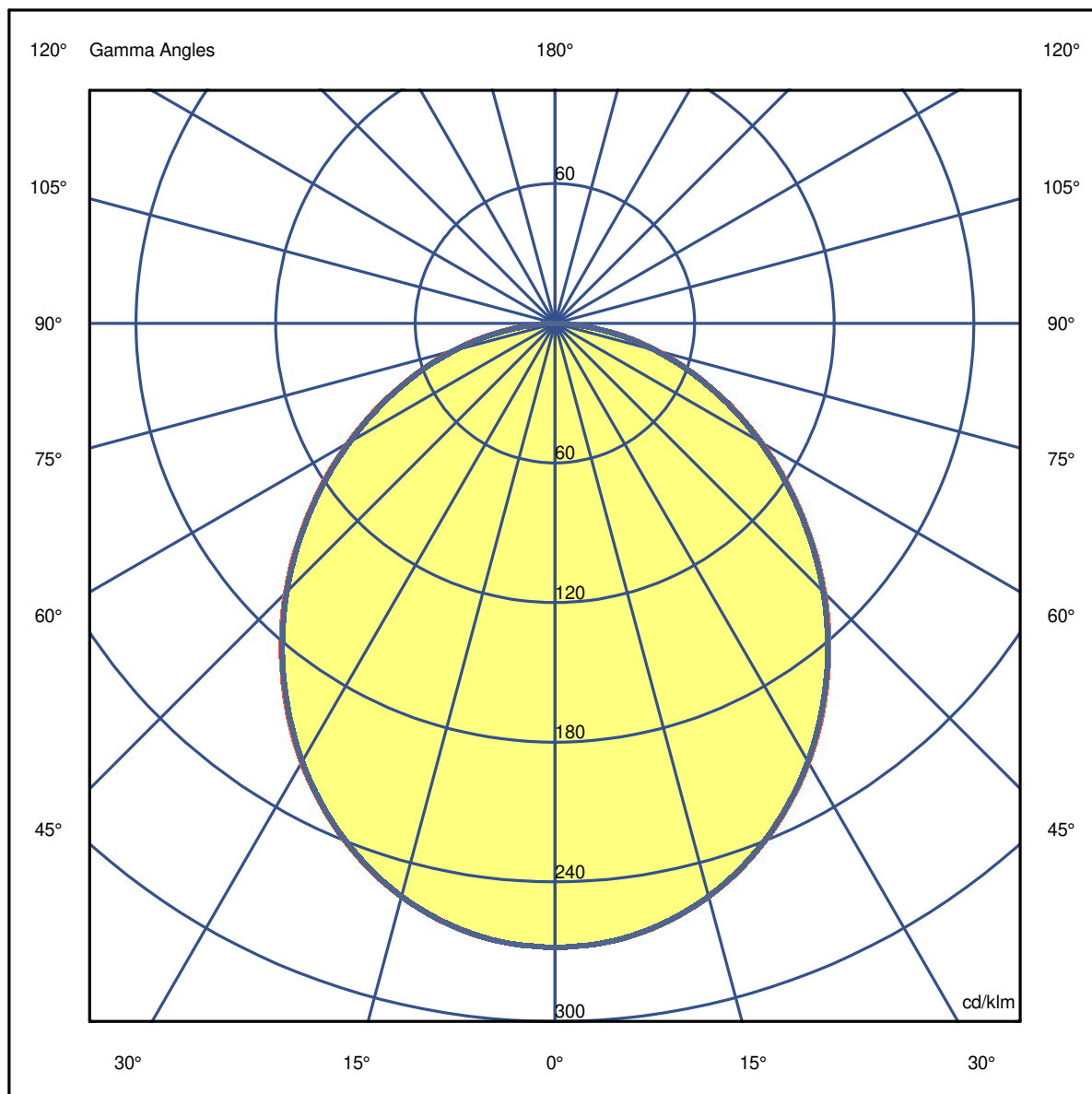
Name ROFY 60 /T D/I D0900 LIGHT+ 840 LO

| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 9225 lm | Luminaire Power | 67.7 W | Efficacy | 136.189 lm/W | Efficiency | 70.79% |
| Source Flux | 13032 lm | Maximum value | 268.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=1018mm

C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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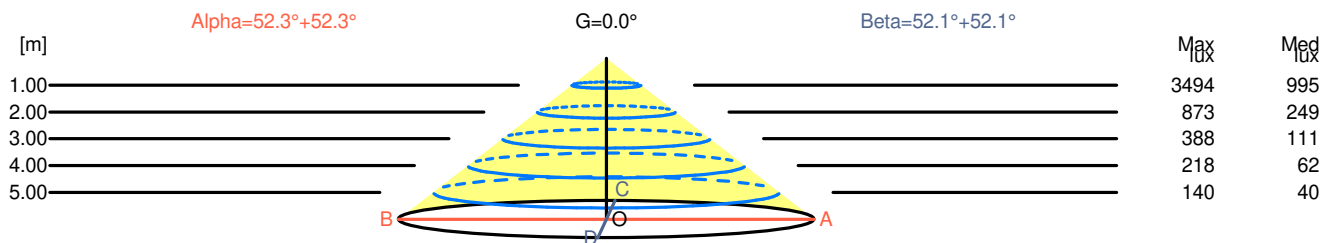
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| Source Flux | 13032 lm | Maximum value | 268.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

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 | 1.29 | 2.58 | 3.87 | 5.17 | 6.46 | OC | 1.28 | 2.57 | 3.85 | 5.14 | 6.42 |
| OB | 1.29 | 2.58 | 3.87 | 5.17 | 6.46 | OD | 1.28 | 2.57 | 3.85 | 5.14 | 6.42 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|
| OA | 3493.88 | 3475.63 | 3323.16 | 3028.64 | 2620.74 | 2133.34 | 1600.33 | 1076.44 | 586.44 | 145.96 |
| OB | 3493.88 | 3475.63 | 3323.16 | 3028.64 | 2620.74 | 2133.34 | 1600.33 | 1076.44 | 586.44 | 145.96 |
| OC | 3493.88 | 3475.63 | 3321.86 | 3023.42 | 2612.92 | 2124.22 | 1591.21 | 1067.32 | 576.01 | 142.05 |
| OD | 3493.88 | 3475.63 | 3321.86 | 3023.42 | 2612.92 | 2124.22 | 1591.21 | 1067.32 | 576.01 | 142.05 |



| H[m] | D[m] | Max lux | Med lux | Alpha=52.3°+52.3° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.58 | 3494 | 995 | | | |
| 2.00 | 5.17 | 873 | 249 | | | |
| 3.00 | 7.75 | 388 | 111 | | | |
| 4.00 | 10.33 | 218 | 62 | | | |
| 5.00 | 12.92 | 140 | 40 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=52.1°+52.1° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.57 | 3494 | 995 | | | |
| 2.00 | 5.14 | 873 | 249 | | | |
| 3.00 | 7.70 | 388 | 111 | | | |
| 4.00 | 10.27 | 218 | 62 | | | |
| 5.00 | 12.84 | 140 | 40 | | | |

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 9225 lm | Luminaire Power | 67.7 W | Efficacy | 136.189 lm/W | Efficiency | 70.79% |
| Source Flux | 13032 lm | Maximum value | 268.10 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 | 16.2 | 17.5 | 16.5 | 17.7 | 17.9 | 16.1 | 17.4 | 16.4 | 17.7 | 17.9 |
| x=2H y=3H | 17.5 | 18.7 | 17.8 | 19.0 | 19.2 | 17.5 | 18.6 | 17.8 | 18.9 | 19.2 |
| x=2H y=4H | 18.0 | 19.1 | 18.4 | 19.4 | 19.7 | 18.0 | 19.1 | 18.3 | 19.4 | 19.6 |
| x=2H y=6H | 18.4 | 19.4 | 18.7 | 19.7 | 20.0 | 18.3 | 19.3 | 18.7 | 19.6 | 19.9 |
| x=2H y=8H | 18.4 | 19.4 | 18.8 | 19.7 | 20.1 | 18.4 | 19.4 | 18.7 | 19.7 | 20.0 |
| x=2H y=12H | 18.5 | 19.4 | 18.8 | 19.8 | 20.1 | 18.4 | 19.4 | 18.8 | 19.7 | 20.0 |
| x=4H y=2H | 16.8 | 17.9 | 17.1 | 18.2 | 18.4 | 16.7 | 17.9 | 17.1 | 18.1 | 18.4 |
| x=4H y=3H | 18.3 | 19.2 | 18.7 | 19.6 | 19.9 | 18.3 | 19.2 | 18.6 | 19.5 | 19.9 |
| x=4H y=4H | 18.9 | 19.8 | 19.3 | 20.1 | 20.5 | 18.9 | 19.7 | 19.3 | 20.0 | 20.4 |
| x=4H y=6H | 19.4 | 20.1 | 19.8 | 20.5 | 20.9 | 19.3 | 20.0 | 19.7 | 20.4 | 20.8 |
| x=4H y=8H | 19.5 | 20.2 | 19.9 | 20.6 | 21.0 | 19.4 | 20.1 | 19.9 | 20.5 | 20.9 |
| x=4H y=12H | 19.5 | 20.2 | 20.0 | 20.6 | 21.0 | 19.5 | 20.1 | 19.9 | 20.5 | 20.9 |
| x=8H y=4H | 19.2 | 19.8 | 19.6 | 20.2 | 20.6 | 19.1 | 19.8 | 19.6 | 20.2 | 20.6 |
| x=8H y=6H | 19.7 | 20.3 | 20.2 | 20.7 | 21.1 | 19.7 | 20.2 | 20.1 | 20.6 | 21.1 |
| x=8H y=8H | 19.9 | 20.4 | 20.4 | 20.8 | 21.3 | 19.8 | 20.3 | 20.3 | 20.8 | 21.2 |
| x=8H y=12H | 20.0 | 20.4 | 20.5 | 20.9 | 21.4 | 19.9 | 20.3 | 20.4 | 20.8 | 21.3 |
| x=12H y=4H | 19.2 | 19.8 | 19.6 | 20.2 | 20.6 | 19.1 | 19.7 | 19.6 | 20.1 | 20.6 |
| x=12H y=6H | 19.8 | 20.2 | 20.2 | 20.7 | 21.2 | 19.7 | 20.2 | 20.2 | 20.6 | 21.1 |
| x=12H y=8H | 20.0 | 20.4 | 20.5 | 20.8 | 21.4 | 19.9 | 20.3 | 20.4 | 20.8 | 21.3 |

Luminaire

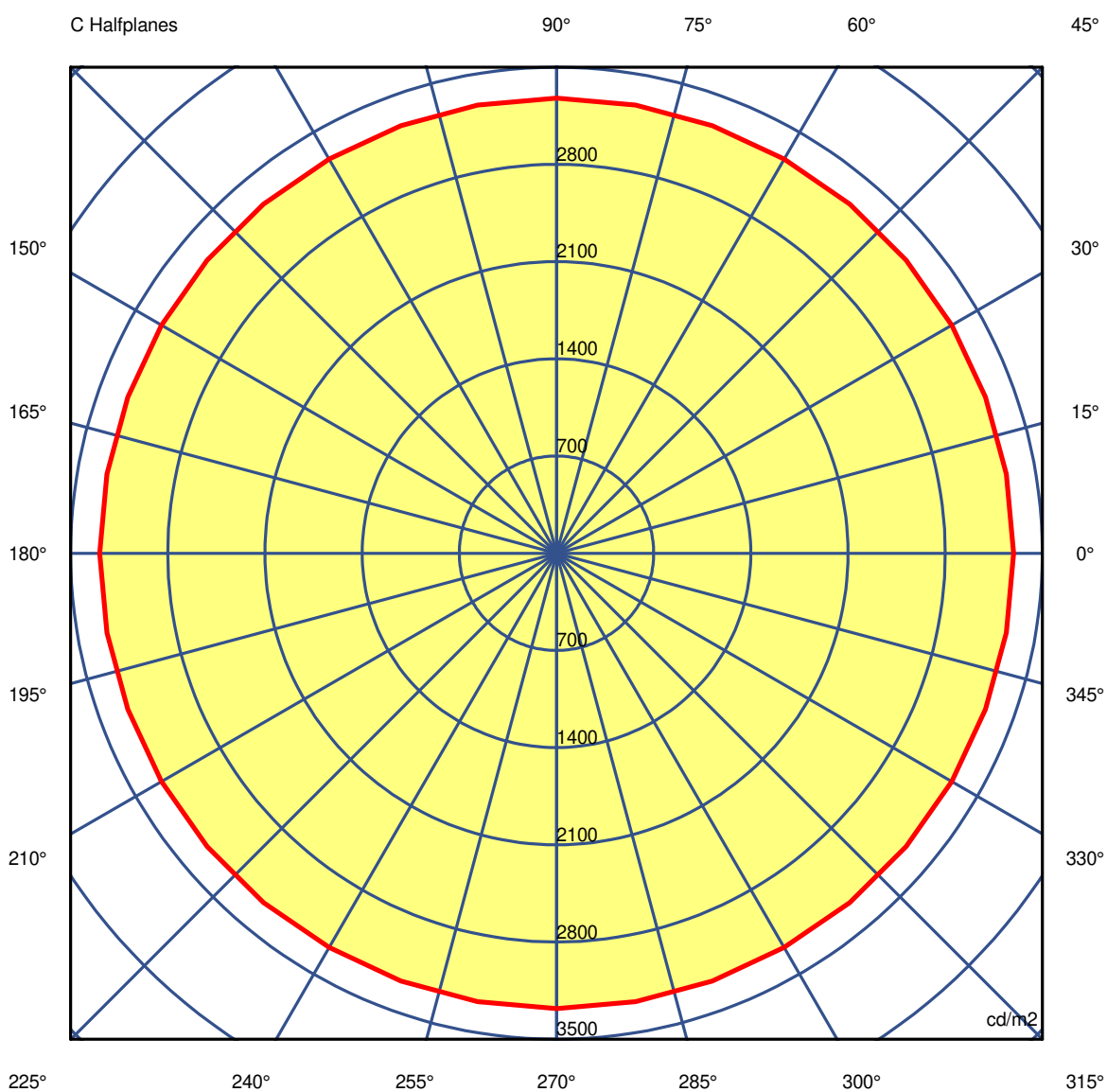
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|----------------|----------|-----------------|---------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 9225 lm | Luminaire Power | 67.7 W | Efficacy | 136.189 lm/W | Efficiency | 70.79% |
| Source Flux | 13032 lm | Maximum value | 268.10 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical | |

Luminance



45.0°

Luminaire

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Measurement

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Name ROFY 60 /T D/I D0900 LIGHT+ 840 LO

| | | | | | | | | | | | | | | |
|---------------------------|----------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Luminaire Flux | 9225 lm | | Luminaire Power | | 67.7 W | | Efficacy | | 136.189 lm/W | | Efficiency | | 70.79% | |
| Source Flux | 13032 lm | | Maximum value | | 268.10 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 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | |
| G 5.0 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | |
| G 10.0 | 4293 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | |
| G 15.0 | 4193 | 4192 | 4191 | 4191 | 4191 | 4191 | 4190 | 4190 | 4190 | 4191 | 4190 | 4190 | 4190 | |
| G 20.0 | 4079 | 4079 | 4078 | 4077 | 4077 | 4076 | 4075 | 4075 | 4075 | 4074 | 4075 | 4075 | 4075 | |
| G 25.0 | 3948 | 3946 | 3946 | 3946 | 3944 | 3943 | 3943 | 3943 | 3942 | 3941 | 3942 | 3943 | 3943 | |
| G 30.0 | 3806 | 3805 | 3804 | 3803 | 3802 | 3801 | 3799 | 3798 | 3798 | 3798 | 3798 | 3798 | 3799 | |
| G 35.0 | 3648 | 3648 | 3646 | 3644 | 3643 | 3641 | 3638 | 3638 | 3638 | 3637 | 3638 | 3638 | 3638 | |
| G 40.0 | 3475 | 3475 | 3474 | 3472 | 3472 | 3470 | 3466 | 3466 | 3465 | 3464 | 3465 | 3466 | 3466 | |
| G 45.0 | 3292 | 3289 | 3288 | 3286 | 3286 | 3284 | 3278 | 3278 | 3278 | 3278 | 3278 | 3278 | 3278 | |
| G 50.0 | 3086 | 3084 | 3083 | 3081 | 3079 | 3075 | 3073 | 3073 | 3072 | 3071 | 3072 | 3073 | 3073 | |
| G 55.0 | 2869 | 2865 | 2864 | 2864 | 2860 | 2857 | 2857 | 2856 | 2854 | 2853 | 2854 | 2856 | 2857 | |
| G 60.0 | 2639 | 2638 | 2635 | 2631 | 2628 | 2625 | 2624 | 2622 | 2620 | 2619 | 2620 | 2622 | 2624 | |
| G 65.0 | 2389 | 2389 | 2387 | 2383 | 2379 | 2375 | 2371 | 2369 | 2368 | 2368 | 2368 | 2369 | 2371 | |
| G 70.0 | 2109 | 2107 | 2104 | 2099 | 2094 | 2093 | 2093 | 2086 | 2082 | 2086 | 2082 | 2086 | 2093 | |
| G 75.0 | 1778 | 1776 | 1773 | 1770 | 1769 | 1761 | 1750 | 1750 | 1749 | 1746 | 1749 | 1750 | 1750 | |
| G 80.0 | 1345 | 1351 | 1346 | 1336 | 1336 | 1333 | 1326 | 1322 | 1320 | 1316 | 1320 | 1322 | 1326 | |
| G 85.0 | 734 | 739 | 741 | 740 | 737 | 729 | 721 | 721 | 719 | 714 | 719 | 721 | 721 | |
| G 90.0 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | |

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|-----------------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|--|
| Luminaire Flux | 9225 lm | | Luminaire Power | | 67.7 W | | Efficacy | | 136.189 lm/W | | Efficiency | | 70.79% | |
| Source Flux | 13032 lm | | Maximum value | | 268.10 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 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | |
| G 5.0 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | |
| G 10.0 | 4292 | 4292 | 4292 | 4292 | 4292 | 4293 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | |
| G 15.0 | 4191 | 4191 | 4191 | 4191 | 4192 | 4193 | 4192 | 4191 | 4191 | 4191 | 4191 | 4190 | 4190 | |
| G 20.0 | 4076 | 4077 | 4077 | 4078 | 4079 | 4079 | 4079 | 4078 | 4077 | 4077 | 4076 | 4075 | 4075 | |
| G 25.0 | 3943 | 3944 | 3946 | 3946 | 3946 | 3948 | 3946 | 3946 | 3946 | 3944 | 3943 | 3943 | 3943 | |
| G 30.0 | 3801 | 3802 | 3803 | 3804 | 3805 | 3806 | 3805 | 3804 | 3803 | 3802 | 3801 | 3799 | 3798 | |
| G 35.0 | 3641 | 3643 | 3644 | 3646 | 3648 | 3648 | 3648 | 3646 | 3644 | 3643 | 3641 | 3638 | 3638 | |
| G 40.0 | 3470 | 3472 | 3472 | 3474 | 3475 | 3475 | 3475 | 3474 | 3472 | 3472 | 3470 | 3466 | 3466 | |
| G 45.0 | 3284 | 3286 | 3286 | 3288 | 3289 | 3292 | 3289 | 3288 | 3286 | 3286 | 3284 | 3278 | 3278 | |
| G 50.0 | 3075 | 3079 | 3081 | 3083 | 3084 | 3086 | 3084 | 3083 | 3081 | 3079 | 3075 | 3073 | 3073 | |
| G 55.0 | 2857 | 2860 | 2864 | 2864 | 2865 | 2869 | 2865 | 2864 | 2864 | 2860 | 2857 | 2857 | 2856 | |
| G 60.0 | 2625 | 2628 | 2631 | 2635 | 2638 | 2639 | 2638 | 2635 | 2631 | 2628 | 2625 | 2624 | 2622 | |
| G 65.0 | 2375 | 2379 | 2383 | 2387 | 2389 | 2389 | 2389 | 2387 | 2383 | 2379 | 2375 | 2371 | 2369 | |
| G 70.0 | 2093 | 2094 | 2099 | 2104 | 2107 | 2109 | 2107 | 2104 | 2099 | 2094 | 2093 | 2093 | 2086 | |
| G 75.0 | 1761 | 1769 | 1770 | 1773 | 1776 | 1778 | 1776 | 1773 | 1770 | 1769 | 1761 | 1750 | 1750 | |
| G 80.0 | 1333 | 1336 | 1336 | 1346 | 1351 | 1345 | 1351 | 1346 | 1336 | 1336 | 1333 | 1326 | 1322 | |
| G 85.0 | 729 | 737 | 740 | 741 | 739 | 734 | 739 | 741 | 740 | 737 | 729 | 721 | 721 | |
| G 90.0 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | |

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 9225 lm | Luminaire Power | 67.7 W | Efficacy | 136.189 lm/W | Efficiency | 70.79% |
| Source Flux | 13032 lm | Maximum value | 268.10 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 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 | 4449 |
| G 5.0 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 | 4378 |
| G 10.0 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 | 4292 |
| G 15.0 | 4190 | 4191 | 4190 | 4190 | 4190 | 4191 | 4191 | 4191 | 4191 | 4192 |
| G 20.0 | 4075 | 4074 | 4075 | 4075 | 4075 | 4076 | 4077 | 4077 | 4078 | 4079 |
| G 25.0 | 3942 | 3941 | 3942 | 3943 | 3943 | 3943 | 3944 | 3946 | 3946 | 3946 |
| G 30.0 | 3798 | 3798 | 3798 | 3798 | 3799 | 3801 | 3802 | 3803 | 3804 | 3805 |
| G 35.0 | 3638 | 3637 | 3638 | 3638 | 3638 | 3641 | 3643 | 3644 | 3646 | 3648 |
| G 40.0 | 3465 | 3464 | 3465 | 3466 | 3466 | 3470 | 3472 | 3472 | 3474 | 3475 |
| G 45.0 | 3278 | 3278 | 3278 | 3278 | 3278 | 3284 | 3286 | 3286 | 3288 | 3289 |
| G 50.0 | 3072 | 3071 | 3072 | 3073 | 3073 | 3075 | 3079 | 3081 | 3083 | 3084 |
| G 55.0 | 2854 | 2853 | 2854 | 2856 | 2857 | 2857 | 2860 | 2864 | 2864 | 2865 |
| G 60.0 | 2620 | 2619 | 2620 | 2622 | 2624 | 2625 | 2628 | 2631 | 2635 | 2638 |
| G 65.0 | 2368 | 2368 | 2368 | 2369 | 2371 | 2375 | 2379 | 2383 | 2387 | 2389 |
| G 70.0 | 2082 | 2086 | 2082 | 2086 | 2093 | 2093 | 2094 | 2099 | 2104 | 2107 |
| G 75.0 | 1749 | 1746 | 1749 | 1750 | 1750 | 1761 | 1769 | 1770 | 1773 | 1776 |
| G 80.0 | 1320 | 1316 | 1320 | 1322 | 1326 | 1333 | 1336 | 1336 | 1346 | 1351 |
| G 85.0 | 719 | 714 | 719 | 721 | 721 | 729 | 737 | 740 | 741 | 739 |
| G 90.0 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 | 139 |