

Luminaire

Code 90716L102

Name ROFY 60 SQ D/I L1078W286 LIGHT+ 840 HO

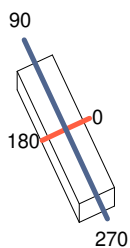
Measurem.

Code 8/8/2023

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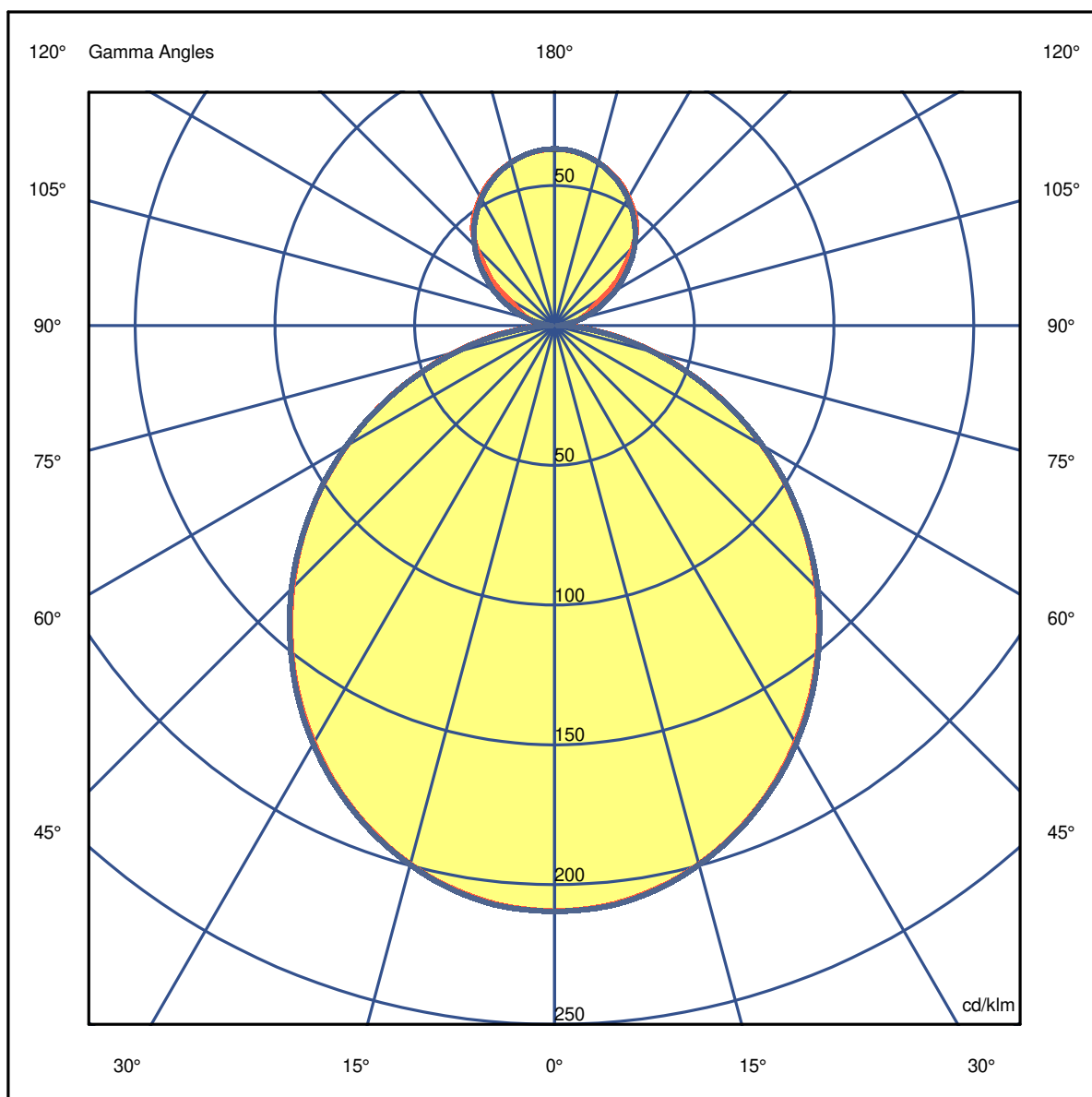
| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 8311 lm | Luminaire Power | 60.1 W | Efficacy | 138.280 lm/W | Efficiency | 74.36% |
| Source Flux | 11176 lm | Maximum value | 209.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

1078mm x 286mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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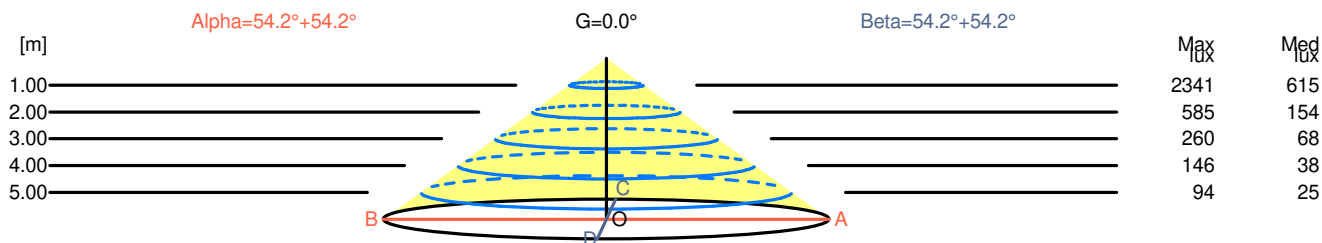
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Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 1.38 | 2.77 | 4.15 | 5.54 | 6.92 | OC | 1.39 | 2.78 | 4.16 | 5.55 | 6.94 |
| OB | 1.38 | 2.77 | 4.15 | 5.54 | 6.92 | OD | 1.39 | 2.78 | 4.16 | 5.55 | 6.94 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| OA | 2341.37 | 2327.96 | 2229.61 | 2044.09 | 1790.40 | 1481.94 | 1141.07 | 776.73 | 413.51 | 112.88 |
| OB | 2341.37 | 2327.96 | 2229.61 | 2044.09 | 1790.40 | 1481.94 | 1141.07 | 776.73 | 413.51 | 112.88 |
| OC | 2341.37 | 2332.43 | 2231.85 | 2048.56 | 1795.98 | 1488.64 | 1143.30 | 775.61 | 405.69 | 100.58 |
| OD | 2341.37 | 2332.43 | 2231.85 | 2048.56 | 1795.98 | 1488.64 | 1143.30 | 775.61 | 405.69 | 100.58 |



| H[m] | D[m] | Max lux | Med lux | Alpha=54.2°+54.2° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.77 | 2341 | 615 | | |
| 2.00 | 5.54 | 585 | 154 | | |
| 3.00 | 8.31 | 260 | 68 | | |
| 4.00 | 11.08 | 146 | 38 | | |
| 5.00 | 13.85 | 94 | 25 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=54.2°+54.2° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.78 | 2341 | 615 | | |
| 2.00 | 5.55 | 585 | 154 | | |
| 3.00 | 8.33 | 260 | 68 | | |
| 4.00 | 11.10 | 146 | 38 | | |
| 5.00 | 13.88 | 94 | 25 | | |

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 8311 lm | Luminaire Power | 60.1 W | Efficacy | 138.280 lm/W | Efficiency | 74.36% |
| Source Flux | 11176 lm | Maximum value | 209.50 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 | Lateral View | | | | | Viewed Endwise | | | | |
| x=2H y=2H | 16.7 | 17.7 | 17.3 | 18.3 | 19.0 | 17.2 | 18.3 | 17.8 | 18.9 | 19.5 |
| x=2H y=3H | 17.9 | 18.8 | 18.5 | 19.4 | 20.1 | 18.6 | 19.5 | 19.2 | 20.1 | 20.9 |
| x=2H y=4H | 18.3 | 19.2 | 18.9 | 19.8 | 20.5 | 19.1 | 20.0 | 19.7 | 20.6 | 21.3 |
| x=2H y=6H | 18.5 | 19.3 | 19.2 | 20.0 | 20.7 | 19.4 | 20.2 | 20.1 | 20.9 | 21.6 |
| x=2H y=8H | 18.6 | 19.3 | 19.3 | 20.0 | 20.8 | 19.5 | 20.3 | 20.2 | 20.9 | 21.7 |
| x=2H y=12H | 18.6 | 19.3 | 19.3 | 20.0 | 20.8 | 19.5 | 20.3 | 20.2 | 20.9 | 21.7 |
| x=4H y=2H | 17.2 | 18.1 | 17.8 | 18.7 | 19.4 | 17.6 | 18.5 | 18.3 | 19.2 | 19.9 |
| x=4H y=3H | 18.5 | 19.3 | 19.2 | 20.0 | 20.7 | 19.2 | 19.9 | 19.8 | 20.6 | 21.3 |
| x=4H y=4H | 19.1 | 19.7 | 19.8 | 20.4 | 21.2 | 19.8 | 20.4 | 20.5 | 21.1 | 21.9 |
| x=4H y=6H | 19.4 | 19.9 | 20.1 | 20.7 | 21.5 | 20.2 | 20.7 | 20.9 | 21.5 | 22.3 |
| x=4H y=8H | 19.5 | 20.0 | 20.2 | 20.7 | 21.6 | 20.3 | 20.8 | 21.0 | 21.5 | 22.4 |
| x=4H y=12H | 19.5 | 20.0 | 20.3 | 20.7 | 21.6 | 20.3 | 20.8 | 21.1 | 21.6 | 22.4 |
| x=8H y=4H | 19.2 | 19.7 | 20.0 | 20.5 | 21.3 | 19.9 | 20.4 | 20.6 | 21.1 | 22.0 |
| x=8H y=6H | 19.7 | 20.1 | 20.4 | 20.8 | 21.7 | 20.4 | 20.8 | 21.1 | 21.5 | 22.4 |
| x=8H y=8H | 19.8 | 20.1 | 20.6 | 20.9 | 21.8 | 20.5 | 20.9 | 21.3 | 21.7 | 22.6 |
| x=8H y=12H | 19.8 | 20.1 | 20.6 | 20.9 | 21.9 | 20.6 | 20.9 | 21.4 | 21.7 | 22.7 |
| x=12H y=4H | 19.2 | 19.7 | 20.0 | 20.4 | 21.3 | 19.8 | 20.3 | 20.6 | 21.1 | 21.9 |
| x=12H y=6H | 19.6 | 20.0 | 20.4 | 20.8 | 21.7 | 20.4 | 20.7 | 21.1 | 21.5 | 22.4 |
| x=12H y=8H | 19.8 | 20.1 | 20.6 | 20.9 | 21.8 | 20.5 | 20.8 | 21.3 | 21.6 | 22.6 |

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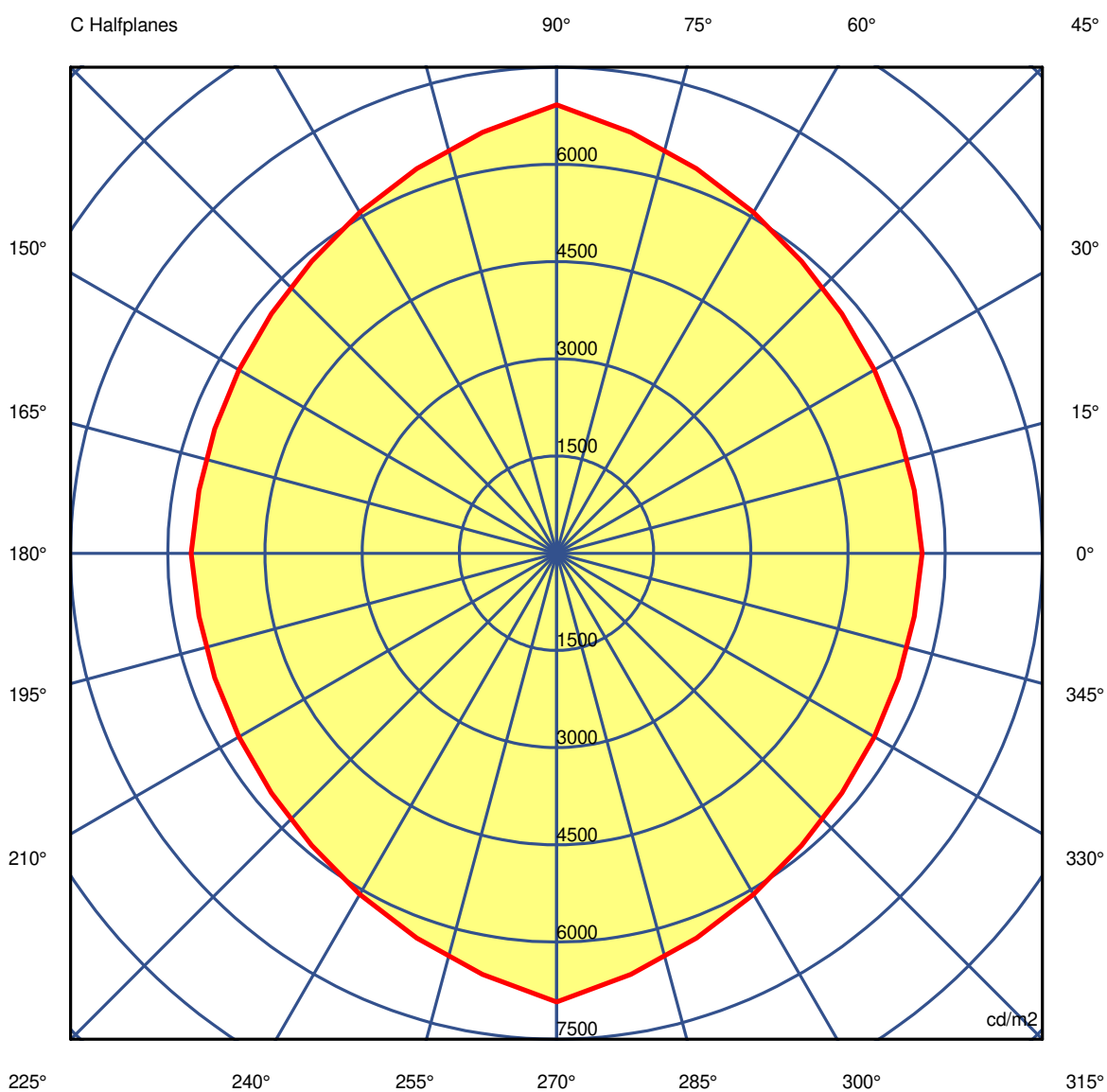
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|----------------|----------|-----------------|---------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 8311 lm | Luminaire Power | 60.1 W | Efficacy | 138.280 lm/W | Efficiency | 74.36% |
| Source Flux | 11176 lm | Maximum value | 209.50 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical | |

Luminance



Luminaire

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Measurem.

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| | | | | | | | | | | | | | | |
|--------------------------------|----------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Luminaire Flux | 8311 lm | | Luminaire Power | | 60.1 W | | Efficacy | | 138.280 lm/W | | Efficiency | | 74.36% | |
| Source Flux | 11176 lm | | Maximum value | | 209.50 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 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | |
| G 5.0 | 8078 | 8081 | 8083 | 8083 | 8091 | 8112 | 8144 | 8181 | 8220 | 8261 | 8220 | 8181 | 8144 | |
| G 10.0 | 7822 | 7816 | 7819 | 7833 | 7858 | 7893 | 7941 | 8006 | 8082 | 8163 | 8082 | 8006 | 7941 | |
| G 15.0 | 7555 | 7547 | 7552 | 7568 | 7597 | 7653 | 7735 | 7827 | 7927 | 8037 | 7927 | 7827 | 7735 | |
| G 20.0 | 7269 | 7256 | 7260 | 7282 | 7331 | 7403 | 7497 | 7616 | 7751 | 7896 | 7751 | 7616 | 7497 | |
| G 25.0 | 6975 | 6955 | 6960 | 6990 | 7044 | 7134 | 7256 | 7392 | 7553 | 7742 | 7553 | 7392 | 7256 | |
| G 30.0 | 6666 | 6646 | 6651 | 6683 | 6747 | 6846 | 6981 | 7152 | 7351 | 7573 | 7351 | 7152 | 6981 | |
| G 35.0 | 6346 | 6317 | 6320 | 6356 | 6429 | 6549 | 6708 | 6891 | 7112 | 7376 | 7112 | 6891 | 6708 | |
| G 40.0 | 6001 | 5975 | 5981 | 6020 | 6100 | 6231 | 6408 | 6617 | 6864 | 7154 | 6864 | 6617 | 6408 | |
| G 45.0 | 5644 | 5607 | 5615 | 5663 | 5749 | 5885 | 6076 | 6316 | 6598 | 6924 | 6598 | 6316 | 6076 | |
| G 50.0 | 5266 | 5232 | 5237 | 5283 | 5377 | 5522 | 5720 | 5977 | 6288 | 6653 | 6288 | 5977 | 5720 | |
| G 55.0 | 4854 | 4811 | 4815 | 4866 | 4970 | 5123 | 5330 | 5602 | 5941 | 6354 | 5941 | 5602 | 5330 | |
| G 60.0 | 4387 | 4343 | 4351 | 4410 | 4506 | 4660 | 4883 | 5173 | 5539 | 5996 | 5539 | 5173 | 4883 | |
| G 65.0 | 3875 | 3831 | 3834 | 3883 | 3982 | 4143 | 4371 | 4666 | 5054 | 5563 | 5054 | 4666 | 4371 | |
| G 70.0 | 3264 | 3215 | 3224 | 3283 | 3381 | 3539 | 3768 | 4059 | 4453 | 4994 | 4453 | 4059 | 3768 | |
| G 75.0 | 2589 | 2550 | 2548 | 2587 | 2686 | 2833 | 3034 | 3327 | 3730 | 4285 | 3730 | 3327 | 3034 | |
| G 80.0 | 1846 | 1813 | 1808 | 1823 | 1877 | 1987 | 2167 | 2434 | 2827 | 3425 | 2827 | 2434 | 2167 | |
| G 85.0 | 989 | 968 | 958 | 956 | 993 | 1058 | 1158 | 1335 | 1629 | 2138 | 1629 | 1335 | 1158 | |
| G 90.0 | 460 | 429 | 421 | 426 | 423 | 424 | 433 | 438 | 468 | 593 | 468 | 438 | 433 | |

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| | | | | | | | | | | | | | | |
|-----------------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|--|
| Luminaire Flux | 8311 lm | | Luminaire Power | | 60.1 W | | Efficacy | | 138.280 lm/W | | Efficiency | | 74.36% | |
| Source Flux | 11176 lm | | Maximum value | | 209.50 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 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | |
| G 5.0 | 8112 | 8091 | 8083 | 8083 | 8081 | 8078 | 8081 | 8083 | 8083 | 8091 | 8112 | 8144 | 8181 | |
| G 10.0 | 7893 | 7858 | 7833 | 7819 | 7816 | 7822 | 7816 | 7819 | 7833 | 7858 | 7893 | 7941 | 8006 | |
| G 15.0 | 7653 | 7597 | 7568 | 7552 | 7547 | 7555 | 7547 | 7552 | 7568 | 7597 | 7653 | 7735 | 7827 | |
| G 20.0 | 7403 | 7331 | 7282 | 7260 | 7256 | 7269 | 7256 | 7260 | 7282 | 7331 | 7403 | 7497 | 7616 | |
| G 25.0 | 7134 | 7044 | 6990 | 6960 | 6955 | 6975 | 6955 | 6960 | 6990 | 7044 | 7134 | 7256 | 7392 | |
| G 30.0 | 6846 | 6747 | 6683 | 6651 | 6646 | 6666 | 6646 | 6651 | 6683 | 6747 | 6846 | 6981 | 7152 | |
| G 35.0 | 6549 | 6429 | 6356 | 6320 | 6317 | 6346 | 6317 | 6320 | 6356 | 6429 | 6549 | 6708 | 6891 | |
| G 40.0 | 6231 | 6100 | 6020 | 5981 | 5975 | 6001 | 5975 | 5981 | 6020 | 6100 | 6231 | 6408 | 6617 | |
| G 45.0 | 5885 | 5749 | 5663 | 5615 | 5607 | 5644 | 5607 | 5615 | 5663 | 5749 | 5885 | 6076 | 6316 | |
| G 50.0 | 5522 | 5377 | 5283 | 5237 | 5232 | 5266 | 5232 | 5237 | 5283 | 5377 | 5522 | 5720 | 5977 | |
| G 55.0 | 5123 | 4970 | 4866 | 4815 | 4811 | 4854 | 4811 | 4815 | 4866 | 4970 | 5123 | 5330 | 5602 | |
| G 60.0 | 4660 | 4506 | 4410 | 4351 | 4343 | 4387 | 4343 | 4351 | 4410 | 4506 | 4660 | 4883 | 5173 | |
| G 65.0 | 4143 | 3982 | 3883 | 3834 | 3831 | 3875 | 3831 | 3834 | 3883 | 3982 | 4143 | 4371 | 4666 | |
| G 70.0 | 3539 | 3381 | 3283 | 3224 | 3215 | 3264 | 3215 | 3224 | 3283 | 3381 | 3539 | 3768 | 4059 | |
| G 75.0 | 2833 | 2686 | 2587 | 2548 | 2550 | 2589 | 2550 | 2548 | 2587 | 2686 | 2833 | 3034 | 3327 | |
| G 80.0 | 1987 | 1877 | 1823 | 1808 | 1813 | 1846 | 1813 | 1808 | 1823 | 1877 | 1987 | 2167 | 2434 | |
| G 85.0 | 1058 | 993 | 956 | 958 | 968 | 989 | 968 | 958 | 993 | 1058 | 1158 | 1335 | 1535 | |
| G 90.0 | 424 | 423 | 426 | 421 | 429 | 460 | 429 | 421 | 426 | 423 | 424 | 433 | 438 | |

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| Luminaire Flux | 8311 lm | Luminaire Power | 60.1 W | Efficacy | 138.280 lm/W | Efficiency | 74.36% |
| Source Flux | 11176 lm | Maximum value | 209.50 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 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 | 8320 |
| G 5.0 | 8220 | 8261 | 8220 | 8181 | 8144 | 8112 | 8091 | 8083 | 8083 | 8081 |
| G 10.0 | 8082 | 8163 | 8082 | 8006 | 7941 | 7893 | 7858 | 7833 | 7819 | 7816 |
| G 15.0 | 7927 | 8037 | 7927 | 7827 | 7735 | 7653 | 7597 | 7568 | 7552 | 7547 |
| G 20.0 | 7751 | 7896 | 7751 | 7616 | 7497 | 7403 | 7331 | 7282 | 7260 | 7256 |
| G 25.0 | 7553 | 7742 | 7553 | 7392 | 7256 | 7134 | 7044 | 6990 | 6960 | 6955 |
| G 30.0 | 7351 | 7573 | 7351 | 7152 | 6981 | 6846 | 6747 | 6683 | 6651 | 6646 |
| G 35.0 | 7112 | 7376 | 7112 | 6891 | 6708 | 6549 | 6429 | 6356 | 6320 | 6317 |
| G 40.0 | 6864 | 7154 | 6864 | 6617 | 6408 | 6231 | 6100 | 6020 | 5981 | 5975 |
| G 45.0 | 6598 | 6924 | 6598 | 6316 | 6076 | 5885 | 5749 | 5663 | 5615 | 5607 |
| G 50.0 | 6288 | 6653 | 6288 | 5977 | 5720 | 5522 | 5377 | 5283 | 5237 | 5232 |
| G 55.0 | 5941 | 6354 | 5941 | 5602 | 5330 | 5123 | 4970 | 4866 | 4815 | 4811 |
| G 60.0 | 5539 | 5996 | 5539 | 5173 | 4883 | 4660 | 4506 | 4410 | 4351 | 4343 |
| G 65.0 | 5054 | 5563 | 5054 | 4666 | 4371 | 4143 | 3982 | 3883 | 3834 | 3831 |
| G 70.0 | 4453 | 4994 | 4453 | 4059 | 3768 | 3539 | 3381 | 3283 | 3224 | 3215 |
| G 75.0 | 3730 | 4285 | 3730 | 3327 | 3034 | 2833 | 2686 | 2587 | 2548 | 2550 |
| G 80.0 | 2827 | 3425 | 2827 | 2434 | 2167 | 1987 | 1877 | 1823 | 1808 | 1813 |
| G 85.0 | 1629 | 2138 | 1629 | 1335 | 1158 | 1058 | 993 | 956 | 958 | 968 |
| G 90.0 | 468 | 593 | 468 | 438 | 433 | 424 | 423 | 426 | 421 | 429 |