

Luminaire

Code 90720L132

Name ROFY 60 SQ L1342W286 LIGHT+ K3 840 HO

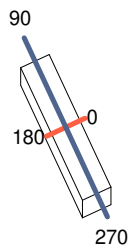
Measurem.

Code 9/8/2023

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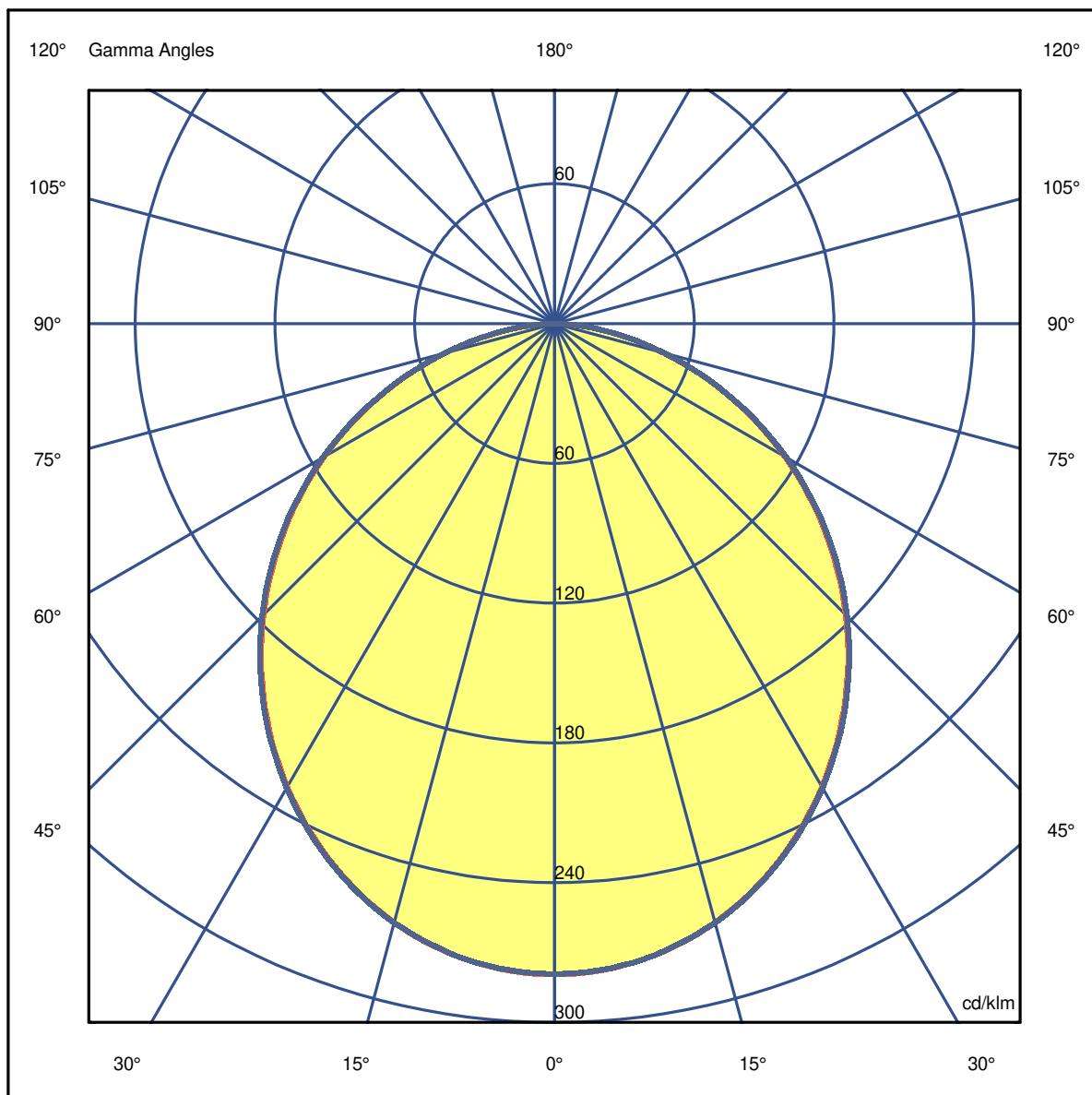
| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7940 lm | Luminaire Power | 56.2 W | Efficacy | 141.235 lm/W | Efficiency | 76.28% |
| Source Flux | 10410 lm | Maximum value | 279.30 cd/klm | Position | C=0.00 G=1.00 | CG | Double Symmetrical |

1342mm x 286mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



Luminaire

Code 90720L132

| | |
|------|---------------------------------------|
| Code | 90720E13Z |
| Name | ROFY 60 SQ L1342W286 LIGHT+ K3 840 HO |

Measur.

Code 9/8/2023

Name ROFY 60 SQ L1342W286 LIGHT+ K3 840 HO

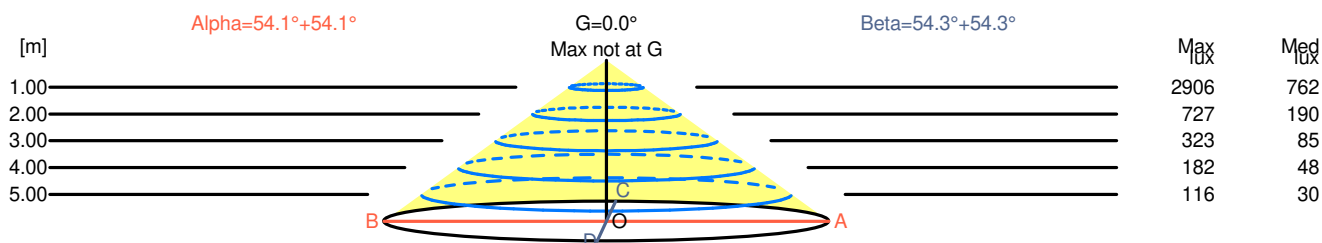
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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7940 lm | Luminaire Power | 56.2 W | Efficacy | 141.235 lm/W | Efficiency | 76.28% |
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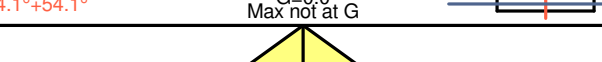
Width at 50.00 % of Max Intensity


| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 5.53 | 6.91 | OC | 1.39 | 2.79 | 4.18 | 5.57 | 6.96 |
| OB | 1.38 | 2.77 | 4.15 | 5.53 | 6.91 | OD | 1.39 | 2.79 | 4.18 | 5.57 | 6.96 |

Luminous Intensities [cd/klm]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| OA | 2906.47 | 2892.94 | 2771.14 | 2537.96 | 2221.49 | 1840.49 | 1413.68 | 960.84 | 508.01 | 120.76 |
| OB | 2906.47 | 2892.94 | 2771.14 | 2537.96 | 2221.49 | 1840.49 | 1413.68 | 960.84 | 508.01 | 120.76 |
| OC | 2906.47 | 2891.90 | 2771.14 | 2543.16 | 2228.78 | 1848.82 | 1422.01 | 965.01 | 508.01 | 125.96 |
| OD | 2906.47 | 2891.90 | 2771.14 | 2543.16 | 2228.78 | 1848.82 | 1422.01 | 965.01 | 508.01 | 125.96 |



| H[m] | D[m] | Max lux | Med lux | Alpha=54.1°+54.1° | G=0.0 Max not at G |  |
|------|-------|---------|---------|--|-----------------------|---|
| 1.00 | 2.77 | 2906 | 762 |  | | |
| 2.00 | 5.53 | 727 | 190 | | | |
| 3.00 | 8.30 | 323 | 85 | | | |
| 4.00 | 11.06 | 182 | 48 | | | |
| 5.00 | 13.83 | 116 | 30 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=54.3°+54.3° | G=0.0 Max not at G |  |
|------|-------|---------|---------|------------------|-----------------------|---|
| 1.00 | 2.79 | 2906 | 762 | | | |
| 2.00 | 5.57 | 727 | 190 | | | |
| 3.00 | 8.36 | 323 | 85 | | | |
| 4.00 | 11.14 | 182 | 48 | | | |
| 5.00 | 13.93 | 116 | 30 | | | |

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| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7940 lm | Luminaire Power | 56.2 W | Efficacy | 141.235 lm/W | Efficiency | 76.28% |
| Source Flux | 10410 lm | Maximum value | 279.30 cd/klm | Position | C=0.00 G=1.00 | 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 | 18.1 | 19.4 | 18.3 | 19.6 | 19.8 | 18.7 | 20.0 | 19.0 | 20.2 | 20.5 |
| x=2H y=3H | 19.3 | 20.5 | 19.6 | 20.8 | 21.0 | 20.1 | 21.3 | 20.5 | 21.6 | 21.9 |
| x=2H y=4H | 19.7 | 20.9 | 20.1 | 21.2 | 21.4 | 20.7 | 21.8 | 21.0 | 22.1 | 22.4 |
| x=2H y=6H | 20.0 | 21.0 | 20.3 | 21.3 | 21.7 | 21.0 | 22.1 | 21.4 | 22.4 | 22.7 |
| x=2H y=8H | 20.1 | 21.0 | 20.4 | 21.4 | 21.7 | 21.1 | 22.1 | 21.5 | 22.4 | 22.8 |
| x=2H y=12H | 20.1 | 21.0 | 20.4 | 21.3 | 21.7 | 21.2 | 22.1 | 21.6 | 22.5 | 22.8 |
| x=4H y=2H | 18.7 | 19.8 | 19.0 | 20.1 | 20.4 | 19.2 | 20.3 | 19.5 | 20.6 | 20.9 |
| x=4H y=3H | 20.1 | 21.1 | 20.5 | 21.4 | 21.7 | 20.8 | 21.7 | 21.2 | 22.1 | 22.4 |
| x=4H y=4H | 20.6 | 21.5 | 21.0 | 21.8 | 22.2 | 21.4 | 22.3 | 21.8 | 22.6 | 23.0 |
| x=4H y=6H | 21.0 | 21.7 | 21.4 | 22.1 | 22.5 | 21.9 | 22.7 | 22.3 | 23.0 | 23.4 |
| x=4H y=8H | 21.1 | 21.8 | 21.5 | 22.2 | 22.6 | 22.1 | 22.7 | 22.5 | 23.1 | 23.6 |
| x=4H y=12H | 21.1 | 21.7 | 21.6 | 22.1 | 22.6 | 22.2 | 22.8 | 22.6 | 23.2 | 23.6 |
| x=8H y=4H | 20.9 | 21.6 | 21.3 | 22.0 | 22.4 | 21.6 | 22.3 | 22.0 | 22.7 | 23.1 |
| x=8H y=6H | 21.3 | 21.9 | 21.8 | 22.3 | 22.8 | 22.2 | 22.7 | 22.6 | 23.2 | 23.6 |
| x=8H y=8H | 21.5 | 21.9 | 21.9 | 22.4 | 22.9 | 22.4 | 22.9 | 22.9 | 23.3 | 23.8 |
| x=8H y=12H | 21.5 | 21.9 | 22.0 | 22.4 | 22.9 | 22.5 | 22.9 | 23.0 | 23.4 | 23.9 |
| x=12H y=4H | 20.9 | 21.5 | 21.3 | 21.9 | 22.4 | 21.6 | 22.2 | 22.1 | 22.6 | 23.1 |
| x=12H y=6H | 21.4 | 21.8 | 21.8 | 22.3 | 22.8 | 22.2 | 22.7 | 22.7 | 23.1 | 23.6 |
| x=12H y=8H | 21.5 | 21.9 | 22.0 | 22.4 | 22.9 | 22.4 | 22.8 | 22.9 | 23.3 | 23.8 |

Luminaire

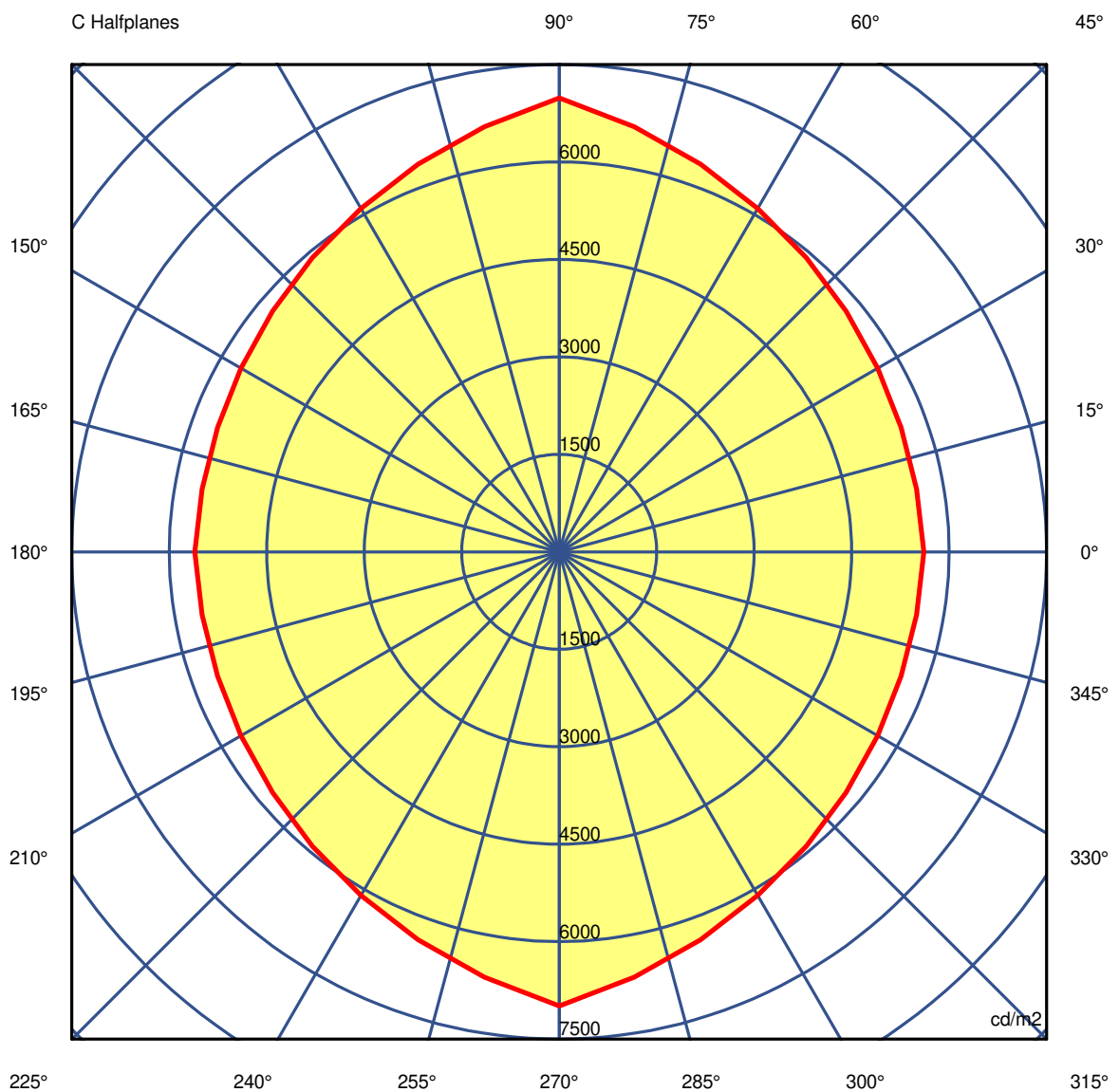
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Name ROFY 60 SQ L1342W286 LIGHT+ K3 840 HO

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|----------------|----------|-----------------|---------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 7940 lm | Luminaire Power | 56.2 W | Efficacy | 141.235 lm/W | Efficiency | 76.28% |
| Source Flux | 10410 lm | Maximum value | 279.30 cd/klm | Position | C=0.00 G=1.00 | CG Double Symmetrical | |

Luminance



45.0°

Luminaire

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|---------------------------|----------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|----------|
| Luminaire Flux | 7940 lm | Luminaire Power | | 56.2 W | | Efficacy | | 141.235 lm/W | | Efficiency | | 76.28% | |
| Source Flux | 10410 lm | Maximum value | | 279.30 cd/klm | | Position | | C=0.00 G=1.00 | | 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 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 |
| G 5.0 | 8034 | 8022 | 8024 | 8035 | 8047 | 8067 | 8097 | 8131 | 8168 | 8209 | 8168 | 8131 | 8097 |
| G 10.0 | 7780 | 7765 | 7769 | 7791 | 7820 | 7857 | 7909 | 7977 | 8050 | 8123 | 8050 | 7977 | 7909 |
| G 15.0 | 7515 | 7499 | 7504 | 7529 | 7570 | 7629 | 7707 | 7802 | 7907 | 8020 | 7907 | 7802 | 7707 |
| G 20.0 | 7227 | 7212 | 7221 | 7253 | 7309 | 7386 | 7484 | 7608 | 7746 | 7893 | 7746 | 7608 | 7484 |
| G 25.0 | 6931 | 6913 | 6925 | 6966 | 7027 | 7120 | 7245 | 7393 | 7561 | 7747 | 7561 | 7393 | 7245 |
| G 30.0 | 6629 | 6606 | 6618 | 6663 | 6736 | 6843 | 6986 | 7161 | 7362 | 7587 | 7362 | 7161 | 6986 |
| G 35.0 | 6302 | 6276 | 6291 | 6344 | 6430 | 6554 | 6717 | 6914 | 7143 | 7404 | 7143 | 6914 | 6717 |
| G 40.0 | 5967 | 5942 | 5956 | 6009 | 6106 | 6243 | 6421 | 6644 | 6906 | 7201 | 6906 | 6644 | 6421 |
| G 45.0 | 5609 | 5580 | 5596 | 5658 | 5763 | 5911 | 6107 | 6354 | 6646 | 6986 | 6646 | 6354 | 6107 |
| G 50.0 | 5226 | 5198 | 5216 | 5282 | 5390 | 5551 | 5768 | 6033 | 6355 | 6742 | 6355 | 6033 | 5768 |
| G 55.0 | 4813 | 4783 | 4802 | 4871 | 4986 | 5152 | 5379 | 5675 | 6033 | 6457 | 6033 | 5675 | 5379 |
| G 60.0 | 4352 | 4325 | 4344 | 4412 | 4534 | 4712 | 4950 | 5253 | 5638 | 6121 | 5638 | 5253 | 4950 |
| G 65.0 | 3836 | 3802 | 3820 | 3889 | 4010 | 4188 | 4432 | 4754 | 5171 | 5707 | 5171 | 4754 | 4432 |
| G 70.0 | 3231 | 3195 | 3219 | 3296 | 3412 | 3587 | 3833 | 4153 | 4588 | 5186 | 4588 | 4153 | 3833 |
| G 75.0 | 2546 | 2513 | 2533 | 2603 | 2710 | 2876 | 3113 | 3430 | 3871 | 4501 | 3871 | 3430 | 3113 |
| G 80.0 | 1752 | 1735 | 1747 | 1790 | 1877 | 2020 | 2233 | 2528 | 2964 | 3635 | 2964 | 2528 | 2233 |
| G 85.0 | 847 | 828 | 836 | 870 | 923 | 1010 | 1148 | 1384 | 1743 | 2369 | 1743 | 1384 | 1148 |
| G 90.0 | 111 | 109 | 110 | 115 | 124 | 136 | 151 | 192 | 274 | 506 | 274 | 192 | 151 |

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|--------------------------------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|--|
| Luminaire Flux | 7940 lm | | Luminaire Power | | 56.2 W | | Efficacy | | 141.235 lm/W | | Efficiency | | 76.28% | |
| Source Flux | 10410 lm | | Maximum value | | 279.30 cd/klm | | Position | | C=0.00 G=1.00 | | 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 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | |
| G 5.0 | 8067 | 8047 | 8035 | 8024 | 8022 | 8034 | 8022 | 8024 | 8035 | 8047 | 8067 | 8097 | 8131 | |
| G 10.0 | 7857 | 7820 | 7791 | 7769 | 7765 | 7780 | 7765 | 7769 | 7791 | 7820 | 7857 | 7909 | 7977 | |
| G 15.0 | 7629 | 7570 | 7529 | 7504 | 7499 | 7515 | 7499 | 7504 | 7529 | 7570 | 7629 | 7707 | 7802 | |
| G 20.0 | 7386 | 7309 | 7253 | 7221 | 7212 | 7227 | 7212 | 7221 | 7253 | 7309 | 7386 | 7484 | 7608 | |
| G 25.0 | 7120 | 7027 | 6966 | 6925 | 6913 | 6931 | 6913 | 6925 | 6966 | 7027 | 7120 | 7245 | 7393 | |
| G 30.0 | 6843 | 6736 | 6663 | 6618 | 6606 | 6629 | 6606 | 6618 | 6663 | 6736 | 6843 | 6986 | 7161 | |
| G 35.0 | 6554 | 6430 | 6344 | 6291 | 6276 | 6302 | 6276 | 6291 | 6344 | 6430 | 6554 | 6717 | 6914 | |
| G 40.0 | 6243 | 6106 | 6009 | 5956 | 5942 | 5967 | 5942 | 5956 | 6009 | 6106 | 6243 | 6421 | 6644 | |
| G 45.0 | 5911 | 5763 | 5658 | 5596 | 5580 | 5609 | 5580 | 5596 | 5658 | 5763 | 5911 | 6107 | 6354 | |
| G 50.0 | 5551 | 5390 | 5282 | 5216 | 5198 | 5226 | 5198 | 5216 | 5282 | 5390 | 5551 | 5768 | 6033 | |
| G 55.0 | 5152 | 4986 | 4871 | 4802 | 4783 | 4813 | 4783 | 4802 | 4871 | 4986 | 5152 | 5379 | 5675 | |
| G 60.0 | 4712 | 4534 | 4412 | 4344 | 4325 | 4352 | 4325 | 4344 | 4412 | 4534 | 4712 | 4950 | 5253 | |
| G 65.0 | 4188 | 4010 | 3889 | 3820 | 3802 | 3836 | 3802 | 3820 | 3889 | 4010 | 4188 | 4432 | 4754 | |
| G 70.0 | 3587 | 3412 | 3296 | 3219 | 3195 | 3231 | 3195 | 3219 | 3296 | 3412 | 3587 | 3833 | 4153 | |
| G 75.0 | 2876 | 2710 | 2603 | 2533 | 2513 | 2546 | 2513 | 2533 | 2603 | 2710 | 2876 | 3113 | 3430 | |
| G 80.0 | 2020 | 1877 | 1790 | 1747 | 1735 | 1752 | 1735 | 1747 | 1790 | 1877 | 2020 | 2233 | 2528 | |
| G 85.0 | 1010 | 923 | 870 | 836 | 828 | 847 | 828 | 836 | 870 | 923 | 1010 | 1148 | 1384 | |
| G 90.0 | 136 | 124 | 115 | 110 | 109 | 111 | 109 | 110 | 115 | 124 | 136 | 151 | 192 | |

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| Luminaire Flux | 7940 lm | Luminaire Power | 56.2 W | Efficacy | 141.235 lm/W | Efficiency | 76.28% |
| Source Flux | 10410 lm | Maximum value | 279.30 cd/klm | Position | C=0.00 G=1.00 | 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 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 | 8265 |
| G 5.0 | 8168 | 8209 | 8168 | 8131 | 8097 | 8067 | 8047 | 8035 | 8024 | 8022 |
| G 10.0 | 8050 | 8123 | 8050 | 7977 | 7909 | 7857 | 7820 | 7791 | 7769 | 7765 |
| G 15.0 | 7907 | 8020 | 7907 | 7802 | 7707 | 7629 | 7570 | 7529 | 7504 | 7499 |
| G 20.0 | 7746 | 7893 | 7746 | 7608 | 7484 | 7386 | 7309 | 7253 | 7221 | 7212 |
| G 25.0 | 7561 | 7747 | 7561 | 7393 | 7245 | 7120 | 7027 | 6966 | 6925 | 6913 |
| G 30.0 | 7362 | 7587 | 7362 | 7161 | 6986 | 6843 | 6736 | 6663 | 6618 | 6606 |
| G 35.0 | 7143 | 7404 | 7143 | 6914 | 6717 | 6554 | 6430 | 6344 | 6291 | 6276 |
| G 40.0 | 6906 | 7201 | 6906 | 6644 | 6421 | 6243 | 6106 | 6009 | 5956 | 5942 |
| G 45.0 | 6646 | 6986 | 6646 | 6354 | 6107 | 5911 | 5763 | 5658 | 5596 | 5580 |
| G 50.0 | 6355 | 6742 | 6355 | 6033 | 5768 | 5551 | 5390 | 5282 | 5216 | 5198 |
| G 55.0 | 6033 | 6457 | 6033 | 5675 | 5379 | 5152 | 4986 | 4871 | 4802 | 4783 |
| G 60.0 | 5638 | 6121 | 5638 | 5253 | 4950 | 4712 | 4534 | 4412 | 4344 | 4325 |
| G 65.0 | 5171 | 5707 | 5171 | 4754 | 4432 | 4188 | 4010 | 3889 | 3820 | 3802 |
| G 70.0 | 4588 | 5186 | 4588 | 4153 | 3833 | 3587 | 3412 | 3296 | 3219 | 3195 |
| G 75.0 | 3871 | 4501 | 3871 | 3430 | 3113 | 2876 | 2710 | 2603 | 2533 | 2513 |
| G 80.0 | 2964 | 3635 | 2964 | 2528 | 2233 | 2020 | 1877 | 1790 | 1747 | 1735 |
| G 85.0 | 1743 | 2369 | 1743 | 1384 | 1148 | 1010 | 923 | 870 | 836 | 828 |
| G 90.0 | 274 | 506 | 274 | 192 | 151 | 136 | 124 | 115 | 110 | 109 |