

Luminaire

Code 90420L101

Name OREO LINEA DOWN L1014 BLINE 940

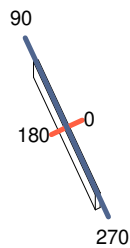
Measurem.

Code 30/6/2023

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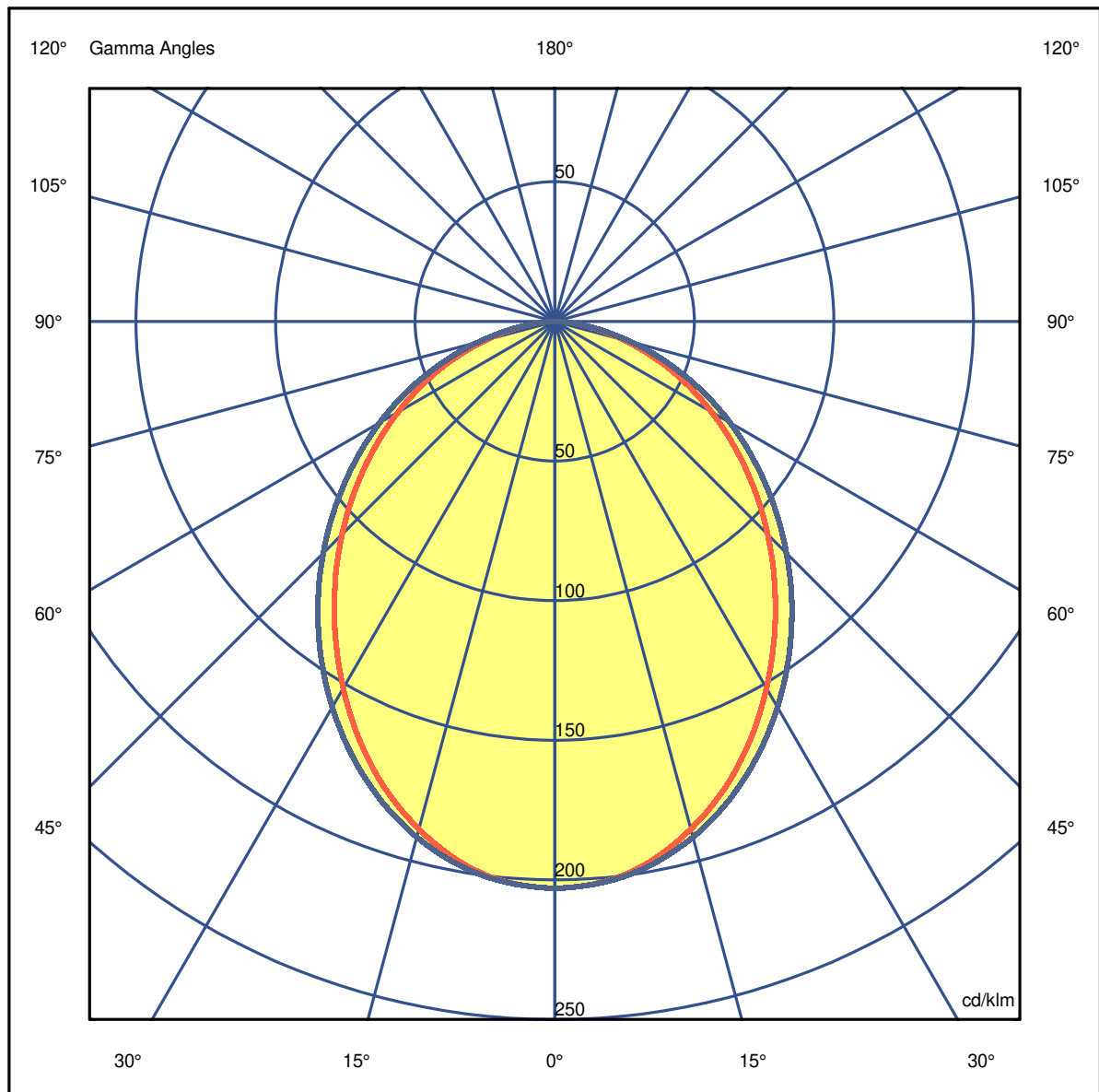
| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 636 lm | Luminaire Power | 13.0 W | Efficacy | 48.940 lm/W | Efficiency | 48.94% |
| Source Flux | 1300 lm | Maximum value | 203.00 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

1014mm x 35mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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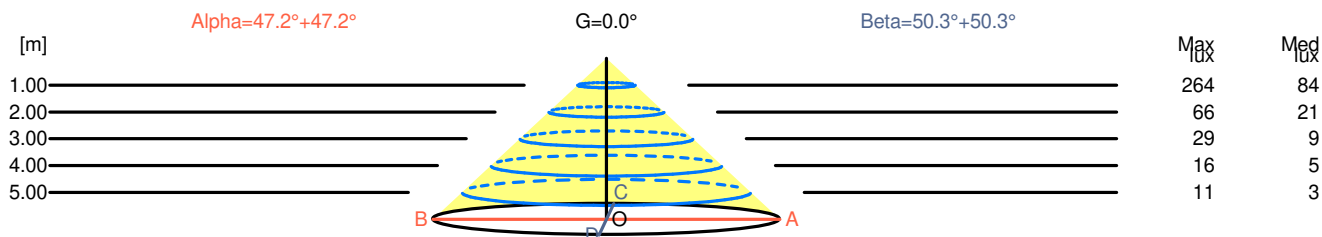
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 636 lm | Luminaire Power | 13.0 W | Efficacy | 48.940 lm/W | Efficiency | 48.94% |
| Source Flux | 1300 lm | Maximum value | 203.00 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 | 1.08 | 2.16 | 3.23 | 4.31 | 5.39 | OC | 1.20 | 2.41 | 3.61 | 4.82 | 6.02 |
| OB | 1.08 | 2.16 | 3.23 | 4.31 | 5.39 | OD | 1.20 | 2.41 | 3.61 | 4.82 | 6.02 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|
| OA | 263.90 | 261.82 | 244.66 | 215.15 | 178.23 | 140.14 | 102.44 | 66.43 | 32.89 | 7.28 |
| OB | 263.90 | 261.82 | 244.66 | 215.15 | 178.23 | 140.14 | 102.44 | 66.43 | 32.89 | 7.28 |
| OC | 263.90 | 262.08 | 248.56 | 223.21 | 190.06 | 152.49 | 113.49 | 74.62 | 36.92 | 7.41 |
| OD | 263.90 | 262.08 | 248.56 | 223.21 | 190.06 | 152.49 | 113.49 | 74.62 | 36.92 | 7.41 |



| H[m] | D[m] | Max lux | Med lux | Alpha=47.2°+47.2° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.16 | 264 | 84 | | | |
| 2.00 | 4.31 | 66 | 21 | | | |
| 3.00 | 6.47 | 29 | 9 | | | |
| 4.00 | 8.62 | 16 | 5 | | | |
| 5.00 | 10.78 | 11 | 3 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=50.3°+50.3° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.41 | 264 | 84 | | | |
| 2.00 | 4.82 | 66 | 21 | | | |
| 3.00 | 7.23 | 29 | 9 | | | |
| 4.00 | 9.64 | 16 | 5 | | | |
| 5.00 | 12.04 | 11 | 3 | | | |

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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 636 lm | Luminaire Power | 13.0 W | Efficacy | 48.940 lm/W | Efficiency | 48.94% |
| Source Flux | 1300 lm | Maximum value | 203.00 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 | 15.4 | 16.7 | 15.7 | 16.9 | 17.2 | 17.7 | 19.0 | 18.0 | 19.2 | 19.4 |
| x=2H y=3H | 16.3 | 17.4 | 16.6 | 17.7 | 17.9 | 19.1 | 20.2 | 19.4 | 20.5 | 20.7 |
| x=2H y=4H | 16.5 | 17.6 | 16.9 | 17.9 | 18.2 | 19.6 | 20.7 | 19.9 | 20.9 | 21.2 |
| x=2H y=6H | 16.6 | 17.6 | 17.0 | 17.9 | 18.3 | 19.9 | 20.8 | 20.2 | 21.2 | 21.5 |
| x=2H y=8H | 16.7 | 17.6 | 17.0 | 17.9 | 18.3 | 20.0 | 20.9 | 20.3 | 21.2 | 21.6 |
| x=2H y=12H | 16.6 | 17.6 | 17.0 | 17.9 | 18.2 | 20.0 | 20.9 | 20.3 | 21.2 | 21.5 |
| x=4H y=2H | 16.0 | 17.1 | 16.4 | 17.4 | 17.7 | 17.9 | 19.0 | 18.3 | 19.3 | 19.6 |
| x=4H y=3H | 17.0 | 18.0 | 17.4 | 18.3 | 18.6 | 19.4 | 20.3 | 19.8 | 20.7 | 21.0 |
| x=4H y=4H | 17.4 | 18.2 | 17.8 | 18.6 | 19.0 | 20.0 | 20.8 | 20.4 | 21.2 | 21.6 |
| x=4H y=6H | 17.6 | 18.3 | 18.0 | 18.7 | 19.1 | 20.4 | 21.1 | 20.8 | 21.5 | 21.9 |
| x=4H y=8H | 17.6 | 18.3 | 18.0 | 18.7 | 19.1 | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 |
| x=4H y=12H | 17.6 | 18.2 | 18.0 | 18.6 | 19.0 | 20.6 | 21.2 | 21.0 | 21.6 | 22.0 |
| x=8H y=4H | 17.6 | 18.3 | 18.0 | 18.7 | 19.1 | 20.1 | 20.7 | 20.5 | 21.1 | 21.5 |
| x=8H y=6H | 17.8 | 18.4 | 18.3 | 18.8 | 19.2 | 20.5 | 21.0 | 20.9 | 21.4 | 21.9 |
| x=8H y=8H | 17.9 | 18.4 | 18.4 | 18.8 | 19.3 | 20.6 | 21.1 | 21.1 | 21.5 | 22.0 |
| x=8H y=12H | 17.9 | 18.3 | 18.4 | 18.8 | 19.3 | 20.7 | 21.1 | 21.2 | 21.6 | 22.1 |
| x=12H y=4H | 17.6 | 18.2 | 18.0 | 18.6 | 19.1 | 20.0 | 20.6 | 20.5 | 21.0 | 21.5 |
| x=12H y=6H | 17.9 | 18.3 | 18.4 | 18.8 | 19.3 | 20.5 | 20.9 | 21.0 | 21.4 | 21.9 |
| x=12H y=8H | 17.9 | 18.3 | 18.4 | 18.8 | 19.3 | 20.6 | 21.0 | 21.1 | 21.5 | 22.0 |

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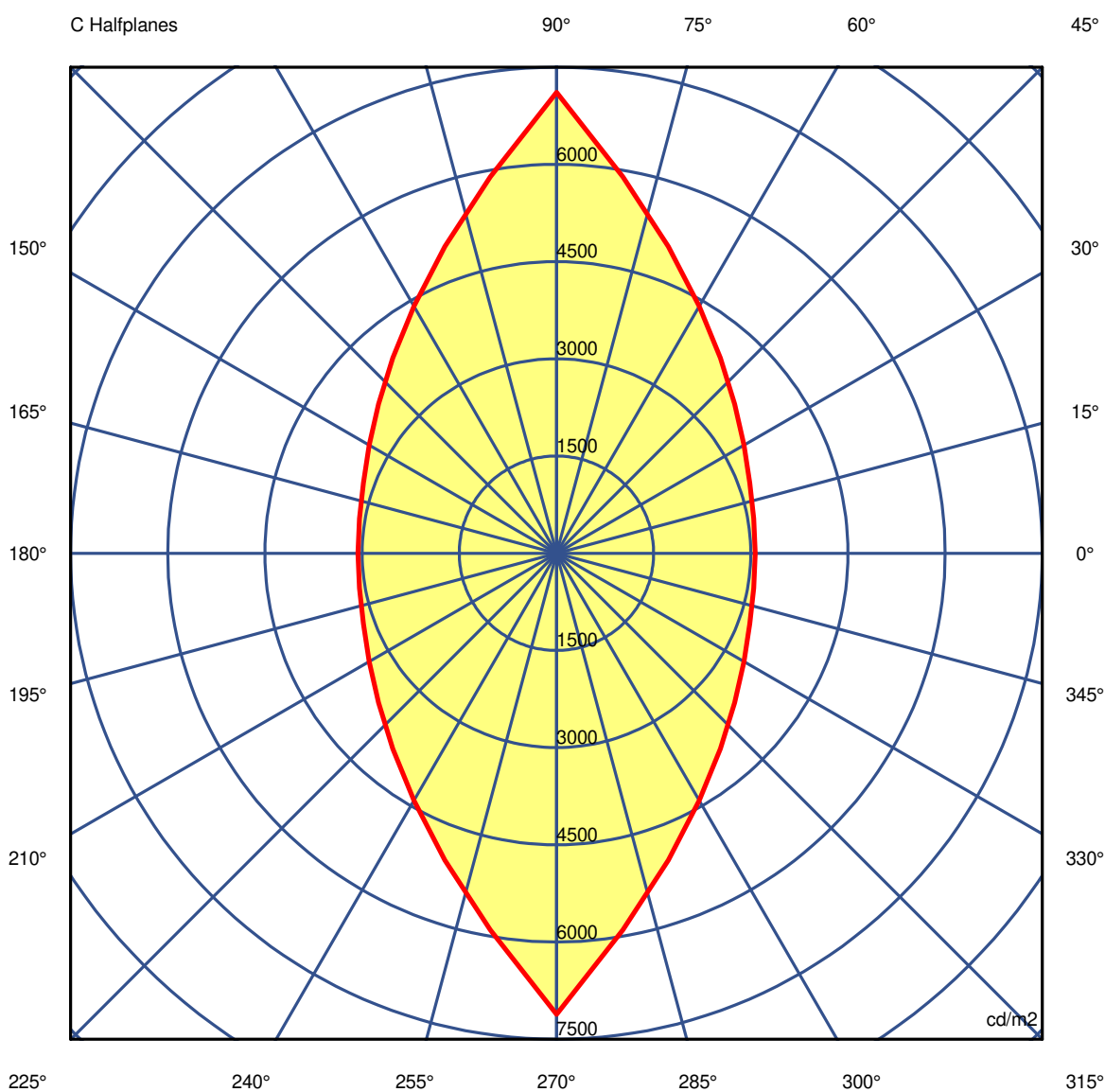
Measurem.

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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 636 lm | Luminaire Power | 13.0 W | Efficacy | 48.940 lm/W | Efficiency | 48.94% |
| Source Flux | 1300 lm | Maximum value | 203.00 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



45.0°

Luminaire

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Name OREO LINEA DOWN L1014 BLINE 940

Measur.

Code 30/6/2023

Name OREO LINEA DOWN L1014 BLINE 940

| Luminaire Flux | | 636 lm | | Luminaire Power | | 13.0 W | | Efficacy | | 48.940 lm/W | | Efficiency | | 48.94% | |
|-----------------|--------|---------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|----------|------------|----------|--------------------|------|
| Source Flux | | 1300 lm | | Maximum value | | 203.00 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 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 |
| G 5.0 | 8116 | 8114 | 8145 | 8206 | 8282 | 8383 | 8506 | 8641 | 8791 | 8955 | 8791 | 8641 | 8506 | 8383 | 8282 |
| G 10.0 | 7298 | 7302 | 7354 | 7455 | 7593 | 7771 | 7990 | 8245 | 8534 | 8856 | 8534 | 8245 | 7990 | 7771 | 7593 |
| G 15.0 | 6535 | 6551 | 6623 | 6756 | 6938 | 7177 | 7475 | 7827 | 8236 | 8705 | 8236 | 7827 | 7475 | 7177 | 6938 |
| G 20.0 | 5838 | 5848 | 5932 | 6090 | 6306 | 6592 | 6951 | 7381 | 7896 | 8508 | 7896 | 7381 | 6951 | 6592 | 6306 |
| G 25.0 | 5186 | 5199 | 5289 | 5459 | 5697 | 6015 | 6423 | 6922 | 7531 | 8275 | 7531 | 6922 | 6423 | 6015 | 5697 |
| G 30.0 | 4579 | 4604 | 4697 | 4873 | 5122 | 5461 | 5903 | 6455 | 7144 | 8014 | 7144 | 6455 | 5903 | 5461 | 5122 |
| G 35.0 | 4026 | 4049 | 4147 | 4325 | 4579 | 4932 | 5397 | 5985 | 6740 | 7734 | 6740 | 5985 | 5397 | 4932 | 4579 |
| G 40.0 | 3526 | 3549 | 3644 | 3820 | 4075 | 4427 | 4895 | 5500 | 6312 | 7437 | 6312 | 5500 | 4895 | 4427 | 4075 |
| G 45.0 | 3066 | 3089 | 3174 | 3341 | 3588 | 3933 | 4404 | 5037 | 5898 | 7116 | 5898 | 5037 | 4404 | 3933 | 3588 |
| G 50.0 | 2639 | 2661 | 2741 | 2898 | 3131 | 3464 | 3927 | 4561 | 5455 | 6790 | 5455 | 4561 | 3927 | 3464 | 3131 |
| G 55.0 | 2239 | 2259 | 2334 | 2474 | 2695 | 3010 | 3449 | 4074 | 4989 | 6437 | 4989 | 4074 | 3449 | 3010 | 2695 |
| G 60.0 | 1861 | 1880 | 1948 | 2081 | 2272 | 2555 | 2971 | 3570 | 4488 | 6063 | 4488 | 3570 | 2971 | 2555 | 2272 |
| G 65.0 | 1496 | 1511 | 1570 | 1682 | 1853 | 2106 | 2476 | 3029 | 3929 | 5611 | 3929 | 3029 | 2476 | 2106 | 1853 |
| G 70.0 | 1140 | 1151 | 1199 | 1291 | 1433 | 1647 | 1965 | 2453 | 3291 | 5048 | 3291 | 2453 | 1965 | 1647 | 1433 |
| G 75.0 | 788 | 798 | 835 | 905 | 1010 | 1174 | 1427 | 1820 | 2544 | 4312 | 2544 | 1820 | 1427 | 1174 | 1010 |
| G 80.0 | 463 | 467 | 490 | 538 | 601 | 707 | 885 | 1159 | 1693 | 3311 | 1693 | 1159 | 885 | 707 | 601 |
| G 85.0 | 193 | 190 | 204 | 229 | 250 | 297 | 389 | 528 | 814 | 2079 | 814 | 528 | 389 | 297 | 250 |
| G 90.0 | 51 | 42 | 46 | 58 | 55 | 65 | 98 | 122 | 200 | 1409 | 200 | 122 | 98 | 65 | 55 |

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| Luminaire Flux | 636 lm | | Luminaire Power | | 13.0 W | | Efficacy | | 48.940 lm/W | | Efficiency | | 48.94% | |
| Source Flux | 1300 lm | | Maximum value | | 203.00 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 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | |
| G 5.0 | 8383 | 8282 | 8206 | 8145 | 8114 | 8116 | 8114 | 8145 | 8206 | 8282 | 8383 | 8506 | 8641 | |
| G 10.0 | 7771 | 7593 | 7455 | 7354 | 7302 | 7298 | 7302 | 7354 | 7455 | 7593 | 7771 | 7990 | 8245 | |
| G 15.0 | 7177 | 6938 | 6756 | 6623 | 6551 | 6535 | 6551 | 6623 | 6756 | 6938 | 7177 | 7475 | 7827 | |
| G 20.0 | 6592 | 6306 | 6090 | 5932 | 5848 | 5838 | 5848 | 5932 | 6090 | 6306 | 6592 | 6951 | 7381 | |
| G 25.0 | 6015 | 5697 | 5459 | 5289 | 5199 | 5186 | 5199 | 5289 | 5459 | 5697 | 6015 | 6423 | 6922 | |
| G 30.0 | 5461 | 5122 | 4873 | 4697 | 4604 | 4579 | 4604 | 4697 | 4873 | 5122 | 5461 | 5903 | 6455 | |
| G 35.0 | 4932 | 4579 | 4325 | 4147 | 4049 | 4026 | 4049 | 4147 | 4325 | 4579 | 4932 | 5397 | 5985 | |
| G 40.0 | 4427 | 4075 | 3820 | 3644 | 3549 | 3526 | 3549 | 3644 | 3820 | 4075 | 4427 | 4895 | 5500 | |
| G 45.0 | 3933 | 3588 | 3341 | 3174 | 3089 | 3066 | 3089 | 3174 | 3341 | 3588 | 3933 | 4404 | 5037 | |
| G 50.0 | 3464 | 3131 | 2898 | 2741 | 2661 | 2639 | 2661 | 2741 | 2898 | 3131 | 3464 | 3927 | 4561 | |
| G 55.0 | 3010 | 2695 | 2474 | 2334 | 2259 | 2239 | 2259 | 2334 | 2474 | 2695 | 3010 | 3449 | 4074 | |
| G 60.0 | 2555 | 2272 | 2081 | 1948 | 1880 | 1861 | 1880 | 1948 | 2081 | 2272 | 2555 | 2971 | 3570 | |
| G 65.0 | 2106 | 1853 | 1682 | 1570 | 1511 | 1496 | 1511 | 1570 | 1682 | 1853 | 2106 | 2476 | 3029 | |
| G 70.0 | 1647 | 1433 | 1291 | 1199 | 1151 | 1140 | 1151 | 1199 | 1291 | 1433 | 1647 | 1965 | 2453 | |
| G 75.0 | 1174 | 1010 | 905 | 835 | 798 | 788 | 798 | 835 | 905 | 1010 | 1174 | 1427 | 1820 | |
| G 80.0 | 707 | 601 | 538 | 490 | 467 | 463 | 467 | 490 | 538 | 601 | 707 | 885 | 1159 | |
| G 85.0 | 297 | 250 | 229 | 204 | 190 | 193 | 190 | 204 | 229 | 250 | 297 | 389 | 528 | |
| G 90.0 | 65 | 55 | 58 | 46 | 42 | 51 | 42 | 46 | 58 | 55 | 65 | 98 | 122 | |

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| Luminaire Flux | 636 lm | Luminaire Power | | 13.0 W | | Efficacy | 48.940 lm/W | | Efficiency | | 48.94% |
| Source Flux | 1300 lm | Maximum value | | 203.00 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 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | 9010 | |
| G 5.0 | 8791 | 8955 | 8791 | 8641 | 8506 | 8383 | 8282 | 8206 | 8145 | 8114 | |
| G 10.0 | 8534 | 8856 | 8534 | 8245 | 7990 | 7771 | 7593 | 7455 | 7354 | 7302 | |
| G 15.0 | 8236 | 8705 | 8236 | 7827 | 7475 | 7177 | 6938 | 6756 | 6623 | 6551 | |
| G 20.0 | 7896 | 8508 | 7896 | 7381 | 6951 | 6592 | 6306 | 6090 | 5932 | 5848 | |
| G 25.0 | 7531 | 8275 | 7531 | 6922 | 6423 | 6015 | 5697 | 5459 | 5289 | 5199 | |
| G 30.0 | 7144 | 8014 | 7144 | 6455 | 5903 | 5461 | 5122 | 4873 | 4697 | 4604 | |
| G 35.0 | 6740 | 7734 | 6740 | 5985 | 5397 | 4932 | 4579 | 4325 | 4147 | 4049 | |
| G 40.0 | 6312 | 7437 | 6312 | 5500 | 4895 | 4427 | 4075 | 3820 | 3644 | 3549 | |
| G 45.0 | 5898 | 7116 | 5898 | 5037 | 4404 | 3933 | 3588 | 3341 | 3174 | 3089 | |
| G 50.0 | 5455 | 6790 | 5455 | 4561 | 3927 | 3464 | 3131 | 2898 | 2741 | 2661 | |
| G 55.0 | 4989 | 6437 | 4989 | 4074 | 3449 | 3010 | 2695 | 2474 | 2334 | 2259 | |
| G 60.0 | 4488 | 6063 | 4488 | 3570 | 2971 | 2555 | 2272 | 2081 | 1948 | 1880 | |
| G 65.0 | 3929 | 5611 | 3929 | 3029 | 2476 | 2106 | 1853 | 1682 | 1570 | 1511 | |
| G 70.0 | 3291 | 5048 | 3291 | 2453 | 1965 | 1647 | 1433 | 1291 | 1199 | 1151 | |
| G 75.0 | 2544 | 4312 | 2544 | 1820 | 1427 | 1174 | 1010 | 905 | 835 | 798 | |
| G 80.0 | 1693 | 3311 | 1693 | 1159 | 885 | 707 | 601 | 538 | 490 | 467 | |
| G 85.0 | 814 | 2079 | 814 | 528 | 389 | 297 | 250 | 229 | 204 | 190 | |
| G 90.0 | 200 | 1409 | 200 | 122 | 98 | 65 | 55 | 58 | 46 | 42 | |