

Luminaire

Code 90885L006

Name REBA 50 LITE LINE L0600 BGLARE 840 B

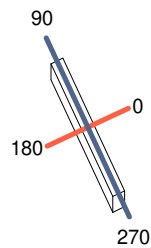
Measurem.

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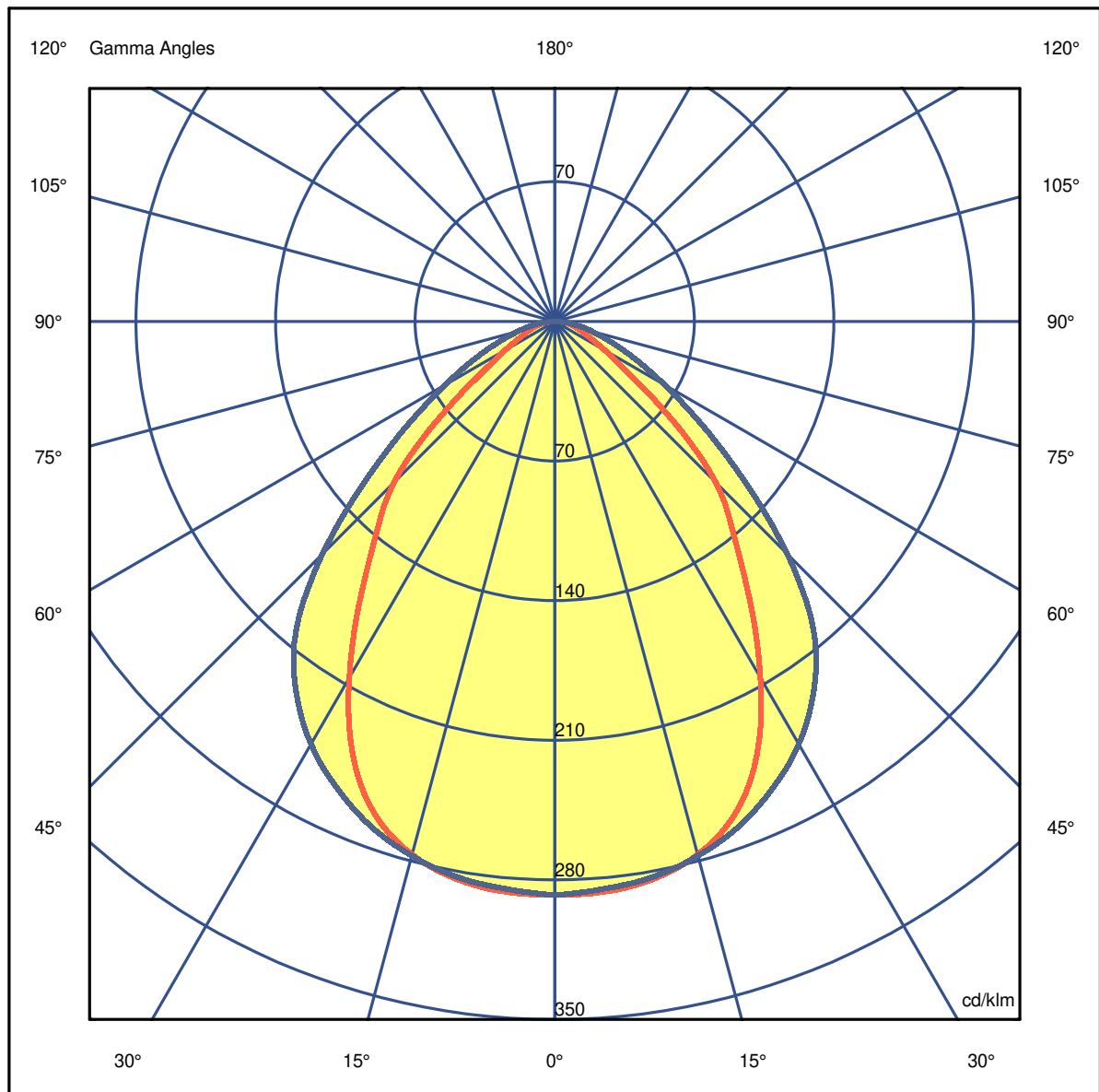
| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 747 lm | Luminaire Power | 8.2 W | Efficacy | 91.149 lm/W | Efficiency | 56.55% |
| Source Flux | 1320 lm | Maximum value | 287.60 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

562mm x 51mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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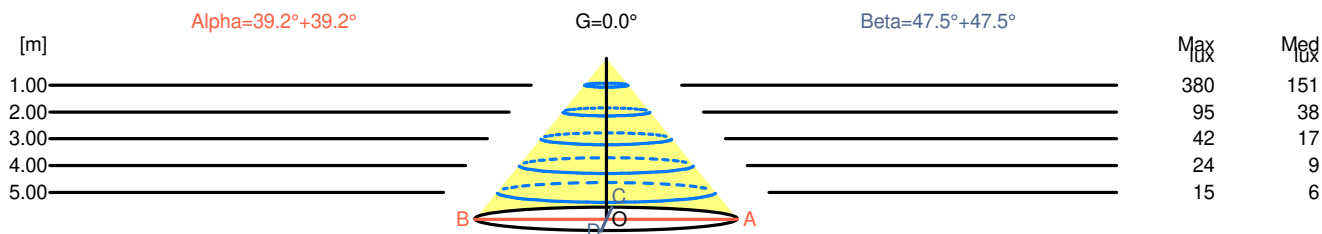
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 747 lm | Luminaire Power | 8.2 W | Efficacy | 91.149 lm/W | Efficiency | 56.55% |
| Source Flux | 1320 lm | Maximum value | 287.60 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 | 0.82 | 1.63 | 2.45 | 3.27 | 4.08 | OC | 1.09 | 2.18 | 3.28 | 4.37 | 5.46 |
| OB | 0.82 | 1.63 | 2.45 | 3.27 | 4.08 | OD | 1.09 | 2.18 | 3.28 | 4.37 | 5.46 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|
| OA | 379.63 | 378.84 | 365.24 | 316.54 | 224.93 | 150.61 | 59.14 | 25.74 | 13.99 | 4.36 |
| OB | 379.63 | 378.84 | 365.24 | 316.54 | 224.93 | 150.61 | 59.14 | 25.74 | 13.99 | 4.36 |
| OC | 379.63 | 376.86 | 366.04 | 340.96 | 298.72 | 217.40 | 118.40 | 58.61 | 25.74 | 6.86 |
| OD | 379.63 | 376.86 | 366.04 | 340.96 | 298.72 | 217.40 | 118.40 | 58.61 | 25.74 | 6.86 |



| H[m] | D[m] | Max lux | Med lux | Alpha=39.2°+39.2° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.63 | 380 | 151 | | |
| 2.00 | 3.27 | 95 | 38 | | |
| 3.00 | 4.90 | 42 | 17 | | |
| 4.00 | 6.53 | 24 | 9 | | |
| 5.00 | 8.16 | 15 | 6 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=47.5°+47.5° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.18 | 380 | 151 | | |
| 2.00 | 4.37 | 95 | 38 | | |
| 3.00 | 6.55 | 42 | 17 | | |
| 4.00 | 8.74 | 24 | 9 | | |
| 5.00 | 10.92 | 15 | 6 | | |

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| Luminaire Flux | 747 lm | Luminaire Power | 8.2 W | Efficacy | 91.149 lm/W | Efficiency | 56.55% |
| Source Flux | 1320 lm | Maximum value | 287.60 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 | 13.9 | 15.0 | 14.2 | 15.2 | 15.4 | 17.9 | 19.0 | 18.2 | 19.3 | 19.5 |
| x=2H y=3H | 14.0 | 15.0 | 14.3 | 15.2 | 15.5 | 18.5 | 19.5 | 18.8 | 19.8 | 20.0 |
| x=2H y=4H | 14.0 | 14.9 | 14.4 | 15.2 | 15.5 | 18.7 | 19.6 | 19.1 | 19.9 | 20.2 |
| x=2H y=6H | 14.0 | 14.9 | 14.4 | 15.2 | 15.5 | 18.8 | 19.7 | 19.2 | 20.0 | 20.3 |
| x=2H y=8H | 14.0 | 14.8 | 14.4 | 15.2 | 15.5 | 18.9 | 19.7 | 19.3 | 20.0 | 20.3 |
| x=2H y=12H | 14.0 | 14.8 | 14.4 | 15.1 | 15.4 | 18.9 | 19.7 | 19.3 | 20.0 | 20.3 |
| x=4H y=2H | 14.3 | 15.2 | 14.6 | 15.5 | 15.7 | 17.9 | 18.8 | 18.2 | 19.1 | 19.4 |
| x=4H y=3H | 14.5 | 15.3 | 14.9 | 15.6 | 15.9 | 18.6 | 19.4 | 19.0 | 19.7 | 20.0 |
| x=4H y=4H | 14.6 | 15.2 | 15.0 | 15.6 | 16.0 | 18.9 | 19.5 | 19.3 | 19.9 | 20.3 |
| x=4H y=6H | 14.6 | 15.2 | 15.0 | 15.6 | 16.0 | 19.1 | 19.6 | 19.5 | 20.0 | 20.4 |
| x=4H y=8H | 14.6 | 15.2 | 15.1 | 15.6 | 16.0 | 19.1 | 19.7 | 19.6 | 20.1 | 20.5 |
| x=4H y=12H | 14.6 | 15.1 | 15.1 | 15.5 | 15.9 | 19.2 | 19.7 | 19.6 | 20.1 | 20.5 |
| x=8H y=4H | 14.7 | 15.2 | 15.1 | 15.6 | 16.0 | 18.8 | 19.4 | 19.2 | 19.7 | 20.1 |
| x=8H y=6H | 14.8 | 15.2 | 15.2 | 15.6 | 16.1 | 19.0 | 19.5 | 19.5 | 19.9 | 20.4 |
| x=8H y=8H | 14.8 | 15.2 | 15.3 | 15.6 | 16.1 | 19.1 | 19.5 | 19.6 | 19.9 | 20.4 |
| x=8H y=12H | 14.8 | 15.1 | 15.3 | 15.6 | 16.1 | 19.2 | 19.5 | 19.7 | 20.0 | 20.5 |
| x=12H y=4H | 14.7 | 15.2 | 15.1 | 15.6 | 16.0 | 18.8 | 19.3 | 19.2 | 19.7 | 20.1 |
| x=12H y=6H | 14.8 | 15.1 | 15.3 | 15.6 | 16.1 | 19.0 | 19.4 | 19.5 | 19.8 | 20.3 |
| x=12H y=8H | 14.8 | 15.1 | 15.3 | 15.6 | 16.1 | 19.1 | 19.4 | 19.6 | 19.9 | 20.4 |

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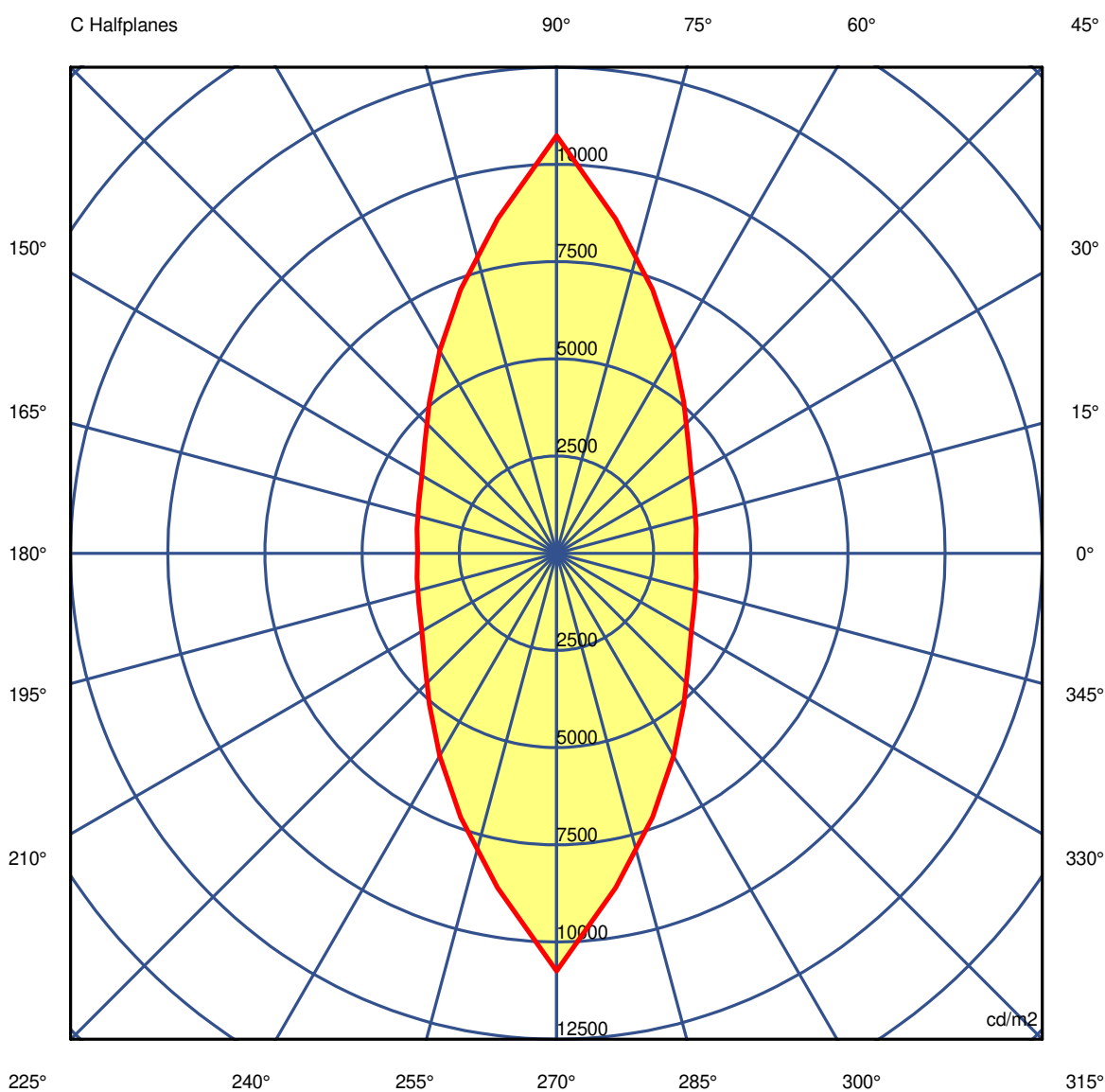
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 747 lm | Luminaire Power | 8.2 W | Efficacy | 91.149 lm/W | Efficiency | 56.55% |
| Source Flux | 1320 lm | Maximum value | 287.60 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



45.0°

Luminaire

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Measurem.

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| Luminaire Flux | 747 lm | | Luminaire Power | | 8.2 W | | Efficacy | | 91.149 lm/W | | Efficiency | | 56.55% | |
|---------------------------|---------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Source Flux | 1320 lm | | Maximum value | | 287.60 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 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | |
| G 5.0 | 13203 | 13205 | 13243 | 13321 | 13456 | 13628 | 13820 | 14029 | 14255 | 14498 | 14255 | 14029 | 13820 | |
| G 10.0 | 11967 | 11969 | 12030 | 12158 | 12389 | 12665 | 12984 | 13407 | 13886 | 14392 | 13886 | 13407 | 12984 | |
| G 15.0 | 10839 | 10850 | 10943 | 11130 | 11428 | 11802 | 12251 | 12812 | 13480 | 14251 | 13480 | 12812 | 12251 | |
| G 20.0 | 9701 | 9734 | 9862 | 10103 | 10483 | 10967 | 11538 | 12218 | 13059 | 14096 | 13059 | 12218 | 11538 | |
| G 25.0 | 8401 | 8452 | 8638 | 8979 | 9474 | 10081 | 10781 | 11587 | 12600 | 13862 | 12600 | 11587 | 10781 | |
| G 30.0 | 6935 | 7014 | 7240 | 7644 | 8233 | 9003 | 9912 | 10913 | 12096 | 13590 | 12096 | 10913 | 9912 | |
| G 35.0 | 5551 | 5600 | 5803 | 6212 | 6843 | 7689 | 8747 | 10012 | 11397 | 13125 | 11397 | 10012 | 8747 | |
| G 40.0 | 4443 | 4478 | 4652 | 5007 | 5560 | 6334 | 7380 | 8749 | 10368 | 12345 | 10368 | 8749 | 7380 | |
| G 45.0 | 3575 | 3650 | 3775 | 3999 | 4420 | 5086 | 6018 | 7222 | 8731 | 10746 | 8731 | 7222 | 6018 | |
| G 50.0 | 2394 | 2458 | 2620 | 2914 | 3351 | 3951 | 4735 | 5724 | 6981 | 8738 | 6981 | 5724 | 4735 | |
| G 55.0 | 1393 | 1438 | 1591 | 1936 | 2328 | 2856 | 3572 | 4420 | 5455 | 6929 | 5455 | 4420 | 3572 | |
| G 60.0 | 902 | 924 | 1006 | 1222 | 1544 | 1984 | 2560 | 3283 | 4182 | 5490 | 4182 | 3283 | 2560 | |
| G 65.0 | 620 | 630 | 701 | 844 | 1051 | 1384 | 1842 | 2352 | 3066 | 4365 | 3066 | 2352 | 1842 | |
| G 70.0 | 466 | 479 | 535 | 629 | 743 | 965 | 1309 | 1685 | 2250 | 3417 | 2250 | 1685 | 1309 | |
| G 75.0 | 356 | 363 | 397 | 470 | 542 | 681 | 919 | 1217 | 1692 | 2751 | 1692 | 1217 | 919 | |
| G 80.0 | 252 | 244 | 270 | 324 | 379 | 464 | 608 | 826 | 1199 | 2125 | 1199 | 826 | 608 | |
| G 85.0 | 122 | 124 | 139 | 169 | 194 | 229 | 296 | 413 | 636 | 1372 | 636 | 413 | 296 | |
| G 90.0 | 23 | 24 | 24 | 26 | 29 | 33 | 41 | 56 | 92 | 287 | 92 | 56 | 41 | |

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| Luminaire Flux | 747 lm | | Luminaire Power | | 8.2 W | | Efficacy | | 91.149 lm/W | | Efficiency | | 56.55% | |
| Source Flux | 1320 lm | | Maximum value | | 287.60 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 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 |
| G 5.0 | 13628 | 13456 | 13321 | 13243 | 13205 | 13203 | 13205 | 13243 | 13321 | 13456 | 13628 | 13820 | 14029 | 14295 |
| G 10.0 | 12665 | 12389 | 12158 | 12030 | 11969 | 11967 | 11969 | 12030 | 12158 | 12389 | 12665 | 12984 | 13407 | 13877 |
| G 15.0 | 11802 | 11428 | 11130 | 10943 | 10850 | 10839 | 10850 | 10943 | 11130 | 11428 | 11802 | 12251 | 12812 | 13434 |
| G 20.0 | 10967 | 10483 | 10103 | 9862 | 9734 | 9701 | 9734 | 9862 | 10103 | 10483 | 10967 | 11538 | 12218 | 12921 |
| G 25.0 | 10081 | 9474 | 8979 | 8638 | 8452 | 8401 | 8452 | 8638 | 8979 | 9474 | 10081 | 10781 | 11587 | 12441 |
| G 30.0 | 9003 | 8233 | 7644 | 7240 | 7014 | 6935 | 7014 | 7240 | 7644 | 8233 | 9003 | 9912 | 10913 | 11997 |
| G 35.0 | 7689 | 6843 | 6212 | 5803 | 5600 | 5551 | 5600 | 5803 | 6212 | 6843 | 7689 | 8747 | 10012 | 11374 |
| G 40.0 | 6334 | 5560 | 5007 | 4652 | 4478 | 4443 | 4478 | 4652 | 5007 | 5560 | 6334 | 7380 | 8749 | 10289 |
| G 45.0 | 5086 | 4420 | 3999 | 3775 | 3650 | 3575 | 3650 | 3775 | 3999 | 4420 | 5086 | 6018 | 7222 | 8594 |
| G 50.0 | 3951 | 3351 | 2914 | 2620 | 2458 | 2394 | 2458 | 2620 | 2914 | 3351 | 3951 | 4735 | 5724 | 6904 |
| G 55.0 | 2856 | 2328 | 1936 | 1591 | 1438 | 1393 | 1438 | 1591 | 1936 | 2328 | 2856 | 3572 | 4420 | 5424 |
| G 60.0 | 1984 | 1544 | 1222 | 1006 | 924 | 902 | 924 | 1006 | 1222 | 1544 | 1984 | 2560 | 3283 | 4168 |
| G 65.0 | 1384 | 1051 | 844 | 701 | 630 | 620 | 630 | 701 | 844 | 1051 | 1384 | 1842 | 2352 | 2968 |
| G 70.0 | 965 | 743 | 629 | 535 | 479 | 466 | 479 | 535 | 629 | 743 | 965 | 1309 | 1685 | 2161 |
| G 75.0 | 681 | 542 | 470 | 397 | 363 | 356 | 363 | 397 | 470 | 542 | 681 | 919 | 1217 | 1554 |
| G 80.0 | 464 | 379 | 324 | 270 | 244 | 252 | 244 | 270 | 324 | 379 | 464 | 608 | 826 | 1074 |
| G 85.0 | 229 | 194 | 169 | 139 | 124 | 122 | 124 | 139 | 169 | 194 | 229 | 296 | 413 | 544 |
| G 90.0 | 33 | 29 | 26 | 24 | 24 | 23 | 24 | 24 | 26 | 29 | 33 | 41 | 56 | 73 |

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| Luminaire Flux | 747 lm | Luminaire Power | 8.2 W | Efficacy | 91.149 lm/W | Efficiency | 56.55% |
| Source Flux | 1320 lm | Maximum value | 287.60 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 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 | 14685 |
| G 5.0 | 14255 | 14498 | 14255 | 14029 | 13820 | 13628 | 13456 | 13321 | 13243 | 13205 |
| G 10.0 | 13886 | 14392 | 13886 | 13407 | 12984 | 12665 | 12389 | 12158 | 12030 | 11969 |
| G 15.0 | 13480 | 14251 | 13480 | 12812 | 12251 | 11802 | 11428 | 11130 | 10943 | 10850 |
| G 20.0 | 13059 | 14096 | 13059 | 12218 | 11538 | 10967 | 10483 | 10103 | 9862 | 9734 |
| G 25.0 | 12600 | 13862 | 12600 | 11587 | 10781 | 10081 | 9474 | 8979 | 8638 | 8452 |
| G 30.0 | 12096 | 13590 | 12096 | 10913 | 9912 | 9003 | 8233 | 7644 | 7240 | 7014 |
| G 35.0 | 11397 | 13125 | 11397 | 10012 | 8747 | 7689 | 6843 | 6212 | 5803 | 5600 |
| G 40.0 | 10368 | 12345 | 10368 | 8749 | 7380 | 6334 | 5560 | 5007 | 4652 | 4478 |
| G 45.0 | 8731 | 10746 | 8731 | 7222 | 6018 | 5086 | 4420 | 3999 | 3775 | 3650 |
| G 50.0 | 6981 | 8738 | 6981 | 5724 | 4735 | 3951 | 3351 | 2914 | 2620 | 2458 |
| G 55.0 | 5455 | 6929 | 5455 | 4420 | 3572 | 2856 | 2328 | 1936 | 1591 | 1438 |
| G 60.0 | 4182 | 5490 | 4182 | 3283 | 2560 | 1984 | 1544 | 1222 | 1006 | 924 |
| G 65.0 | 3066 | 4365 | 3066 | 2352 | 1842 | 1384 | 1051 | 844 | 701 | 630 |
| G 70.0 | 2250 | 3417 | 2250 | 1685 | 1309 | 965 | 743 | 629 | 535 | 479 |
| G 75.0 | 1692 | 2751 | 1692 | 1217 | 919 | 681 | 542 | 470 | 397 | 363 |
| G 80.0 | 1199 | 2125 | 1199 | 826 | 608 | 464 | 379 | 324 | 270 | 244 |
| G 85.0 | 636 | 1372 | 636 | 413 | 296 | 229 | 194 | 169 | 139 | 124 |
| G 90.0 | 92 | 287 | 92 | 56 | 41 | 33 | 29 | 26 | 24 | 24 |