

Luminaire

Code 90884L012

Name REBA 50 LITE LINE L1200 BLINE 840 W

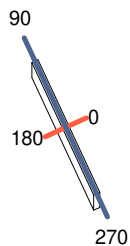
Measurem.

Code 25/6/2024

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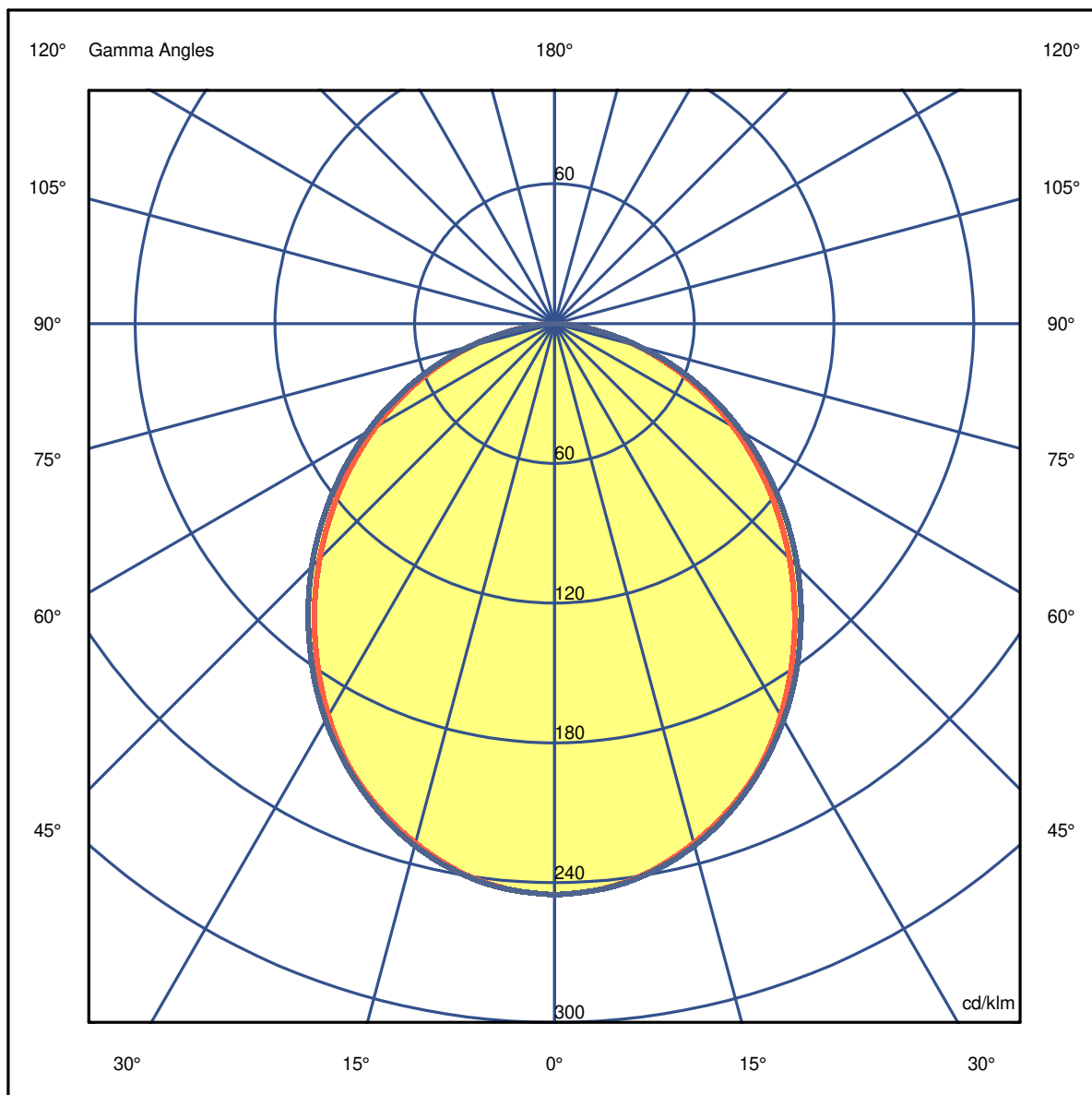
| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2445 lm | Luminaire Power | 22.1 W | Efficacy | 110.723 lm/W | Efficiency | 63.01% |
| Source Flux | 3880 lm | Maximum value | 245.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

1122mm x 51mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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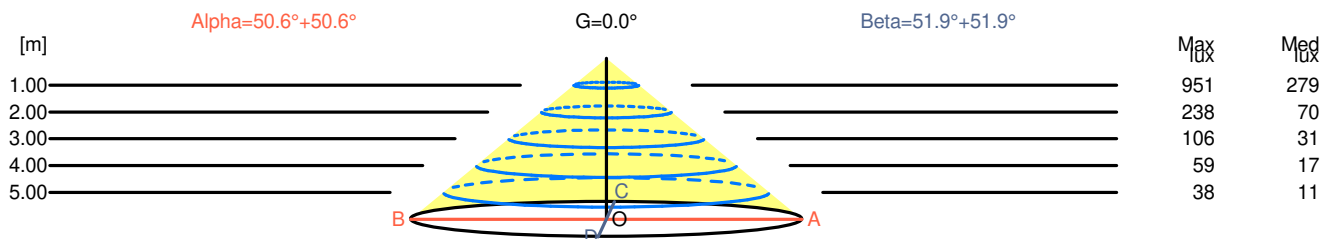
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2445 lm | Luminaire Power | 22.1 W | Efficacy | 110.723 lm/W | Efficiency | 63.01% |
| Source Flux | 3880 lm | Maximum value | 245.10 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 | 1.22 | 2.43 | 3.65 | 4.86 | 6.08 | OC | 1.28 | 2.55 | 3.83 | 5.11 | 6.39 |
| OB | 1.22 | 2.43 | 3.65 | 4.86 | 6.08 | OD | 1.28 | 2.55 | 3.83 | 5.11 | 6.39 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| OA | 950.99 | 944.39 | 895.50 | 811.70 | 689.09 | 553.29 | 413.22 | 274.70 | 141.23 | 32.98 |
| OB | 950.99 | 944.39 | 895.50 | 811.70 | 689.09 | 553.29 | 413.22 | 274.70 | 141.23 | 32.98 |
| OC | 950.99 | 944.78 | 900.16 | 815.96 | 703.06 | 572.30 | 432.23 | 288.28 | 146.28 | 29.10 |
| OD | 950.99 | 944.78 | 900.16 | 815.96 | 703.06 | 572.30 | 432.23 | 288.28 | 146.28 | 29.10 |



| H[m] | D[m] | Max lux | Med lux | Alpha=50.6°+50.6° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.43 | 951 | 279 | | | |
| 2.00 | 4.86 | 238 | 70 | | | |
| 3.00 | 7.30 | 106 | 31 | | | |
| 4.00 | 9.73 | 59 | 17 | | | |
| 5.00 | 12.16 | 38 | 11 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=51.9°+51.9° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.55 | 951 | 279 | | | |
| 2.00 | 5.11 | 238 | 70 | | | |
| 3.00 | 7.66 | 106 | 31 | | | |
| 4.00 | 10.22 | 59 | 17 | | | |
| 5.00 | 12.77 | 38 | 11 | | | |

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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2445 lm | Luminaire Power | 22.1 W | Efficacy | 110.723 lm/W | Efficiency | 63.01% |
| Source Flux | 3880 lm | Maximum value | 245.10 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 | 18.2 | 19.5 | 18.5 | 19.7 | 19.9 | 20.3 | 21.5 | 20.6 | 21.8 | 22.0 |
| x=2H y=3H | 19.1 | 20.3 | 19.5 | 20.6 | 20.9 | 21.7 | 22.9 | 22.0 | 23.1 | 23.4 |
| x=2H y=4H | 19.4 | 20.5 | 19.8 | 20.8 | 21.1 | 22.2 | 23.3 | 22.5 | 23.6 | 23.9 |
| x=2H y=6H | 19.6 | 20.6 | 19.9 | 20.9 | 21.2 | 22.5 | 23.5 | 22.9 | 23.8 | 24.1 |
| x=2H y=8H | 19.6 | 20.6 | 20.0 | 20.9 | 21.2 | 22.6 | 23.6 | 23.0 | 23.9 | 24.2 |
| x=2H y=12H | 19.6 | 20.5 | 20.0 | 20.8 | 21.2 | 22.6 | 23.5 | 23.0 | 23.9 | 24.2 |
| x=4H y=2H | 18.8 | 19.9 | 19.2 | 20.2 | 20.5 | 20.5 | 21.6 | 20.9 | 21.9 | 22.2 |
| x=4H y=3H | 19.9 | 20.8 | 20.3 | 21.2 | 21.5 | 22.1 | 23.0 | 22.4 | 23.3 | 23.7 |
| x=4H y=4H | 20.3 | 21.1 | 20.7 | 21.5 | 21.8 | 22.7 | 23.5 | 23.1 | 23.8 | 24.2 |
| x=4H y=6H | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 | 23.1 | 23.8 | 23.5 | 24.2 | 24.6 |
| x=4H y=8H | 20.6 | 21.2 | 21.0 | 21.6 | 22.0 | 23.2 | 23.8 | 23.6 | 24.2 | 24.7 |
| x=4H y=12H | 20.5 | 21.2 | 21.0 | 21.6 | 22.0 | 23.2 | 23.8 | 23.7 | 24.2 | 24.7 |
| x=8H y=4H | 20.5 | 21.2 | 20.9 | 21.6 | 22.0 | 22.7 | 23.4 | 23.1 | 23.8 | 24.2 |
| x=8H y=6H | 20.8 | 21.3 | 21.2 | 21.8 | 22.2 | 23.2 | 23.7 | 23.6 | 24.1 | 24.6 |
| x=8H y=8H | 20.9 | 21.3 | 21.3 | 21.8 | 22.3 | 23.3 | 23.8 | 23.8 | 24.2 | 24.7 |
| x=8H y=12H | 20.9 | 21.3 | 21.4 | 21.8 | 22.3 | 23.4 | 23.8 | 23.9 | 24.3 | 24.8 |
| x=12H y=4H | 20.5 | 21.1 | 21.0 | 21.5 | 21.9 | 22.7 | 23.3 | 23.1 | 23.7 | 24.1 |
| x=12H y=6H | 20.8 | 21.3 | 21.3 | 21.7 | 22.2 | 23.2 | 23.6 | 23.6 | 24.1 | 24.6 |
| x=12H y=8H | 20.9 | 21.3 | 21.4 | 21.8 | 22.3 | 23.3 | 23.7 | 23.8 | 24.2 | 24.7 |

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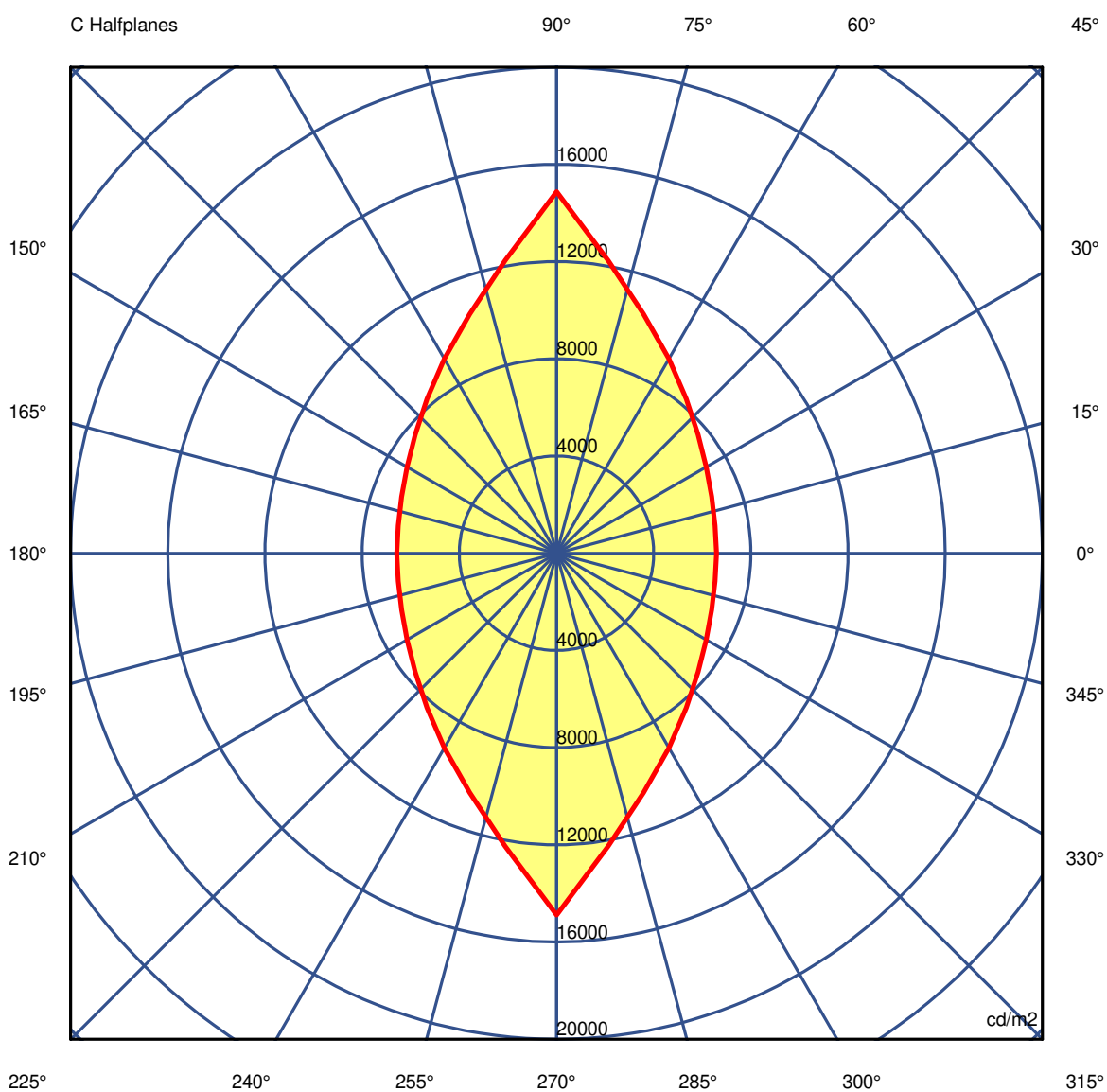
Measurem.

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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2445 lm | Luminaire Power | 22.1 W | Efficacy | 110.723 lm/W | Efficiency | 63.01% |
| Source Flux | 3880 lm | Maximum value | 245.10 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



45.0°

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| Luminaire Flux | 2445 lm | Luminaire Power | 22.1 W | Efficacy | 110.723 lm/W | Efficiency | 63.01% |
| Source Flux | 3880 lm | Maximum value | 245.10 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 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 |
| G 5.0 | 16486 | 16505 | 16572 | 16687 | 16852 | 17063 | 17317 | 17616 | 17944 | 18290 | 17944 | 17616 | 17317 |
| G 10.0 | 14808 | 14835 | 14946 | 15142 | 15423 | 15791 | 16244 | 16781 | 17396 | 18081 | 17396 | 16781 | 16244 |
| G 15.0 | 13311 | 13341 | 13484 | 13737 | 14099 | 14583 | 15196 | 15929 | 16794 | 17801 | 16794 | 15929 | 15196 |
| G 20.0 | 11994 | 12029 | 12183 | 12460 | 12867 | 13424 | 14148 | 15044 | 16133 | 17437 | 16133 | 15044 | 14148 |
| G 25.0 | 10790 | 10823 | 10990 | 11295 | 11725 | 12318 | 13114 | 14142 | 15427 | 17020 | 15427 | 14142 | 13114 |
| G 30.0 | 9621 | 9661 | 9841 | 10177 | 10653 | 11280 | 12112 | 13236 | 14692 | 16555 | 14692 | 13236 | 12112 |
| G 35.0 | 8519 | 8561 | 8747 | 9093 | 9602 | 10267 | 11149 | 12324 | 13900 | 16029 | 13900 | 12324 | 11149 |
| G 40.0 | 7515 | 7562 | 7738 | 8064 | 8567 | 9269 | 10197 | 11404 | 13076 | 15459 | 13076 | 11404 | 10197 |
| G 45.0 | 6579 | 6622 | 6796 | 7115 | 7596 | 8294 | 9245 | 10475 | 12238 | 14886 | 12238 | 10475 | 9245 |
| G 50.0 | 5705 | 5745 | 5910 | 6211 | 6664 | 7328 | 8259 | 9519 | 11373 | 14249 | 11373 | 9519 | 8259 |
| G 55.0 | 4876 | 4915 | 5051 | 5314 | 5754 | 6375 | 7244 | 8541 | 10474 | 13565 | 10474 | 8541 | 7244 |
| G 60.0 | 4092 | 4121 | 4255 | 4506 | 4885 | 5448 | 6287 | 7543 | 9469 | 12770 | 9469 | 7543 | 6287 |
| G 65.0 | 3317 | 3344 | 3459 | 3675 | 4008 | 4510 | 5270 | 6446 | 8337 | 11857 | 8337 | 6446 | 5270 |
| G 70.0 | 2556 | 2575 | 2667 | 2847 | 3119 | 3537 | 4187 | 5222 | 7002 | 10732 | 7002 | 5222 | 4187 |
| G 75.0 | 1802 | 1819 | 1891 | 2022 | 2224 | 2540 | 3044 | 3884 | 5422 | 9128 | 5422 | 3884 | 3044 |
| G 80.0 | 1083 | 1094 | 1136 | 1214 | 1343 | 1540 | 1859 | 2417 | 3546 | 6876 | 3546 | 2417 | 1859 |
| G 85.0 | 461 | 468 | 489 | 522 | 570 | 650 | 787 | 1036 | 1600 | 4015 | 1600 | 1036 | 787 |
| G 90.0 | 115 | 125 | 133 | 137 | 138 | 147 | 172 | 224 | 352 | 1546 | 352 | 224 | 172 |

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| Luminaire Flux | 2445 lm | | Luminaire Power | | 22.1 W | | Efficacy | | 110.723 lm/W | | Efficiency | | 63.01% | |
| Source Flux | 3880 lm | | Maximum value | | 245.10 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 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | |
| G 5.0 | 17063 | 16852 | 16687 | 16572 | 16505 | 16486 | 16505 | 16572 | 16687 | 16852 | 17063 | 17317 | 17616 | |
| G 10.0 | 15791 | 15423 | 15142 | 14946 | 14835 | 14808 | 14835 | 14946 | 15142 | 15423 | 15791 | 16244 | 16781 | |
| G 15.0 | 14583 | 14099 | 13737 | 13484 | 13341 | 13311 | 13341 | 13484 | 13737 | 14099 | 14583 | 15196 | 15929 | |
| G 20.0 | 13424 | 12867 | 12460 | 12183 | 12029 | 11994 | 12029 | 12183 | 12460 | 12867 | 13424 | 14148 | 15044 | |
| G 25.0 | 12318 | 11725 | 11295 | 10990 | 10823 | 10790 | 10823 | 10990 | 11295 | 11725 | 12318 | 13114 | 14142 | |
| G 30.0 | 11280 | 10653 | 10177 | 9841 | 9661 | 9621 | 9661 | 9841 | 10177 | 10653 | 11280 | 12112 | 13236 | |
| G 35.0 | 10267 | 9602 | 9093 | 8747 | 8561 | 8519 | 8561 | 8747 | 9093 | 9602 | 10267 | 11149 | 12324 | |
| G 40.0 | 9269 | 8567 | 8064 | 7738 | 7562 | 7515 | 7562 | 7738 | 8064 | 8567 | 9269 | 10197 | 11404 | |
| G 45.0 | 8294 | 7596 | 7115 | 6796 | 6622 | 6579 | 6622 | 6796 | 7115 | 7596 | 8294 | 9245 | 10475 | |
| G 50.0 | 7328 | 6664 | 6211 | 5910 | 5745 | 5705 | 5745 | 5910 | 6211 | 6664 | 7328 | 8259 | 9519 | |
| G 55.0 | 6375 | 5754 | 5314 | 5051 | 4915 | 4876 | 4915 | 5051 | 5314 | 5754 | 6375 | 7244 | 8541 | |
| G 60.0 | 5448 | 4885 | 4506 | 4255 | 4121 | 4092 | 4121 | 4255 | 4506 | 4885 | 5448 | 6287 | 7543 | |
| G 65.0 | 4510 | 4008 | 3675 | 3459 | 3344 | 3317 | 3344 | 3459 | 3675 | 4008 | 4510 | 5270 | 6446 | |
| G 70.0 | 3537 | 3119 | 2847 | 2667 | 2575 | 2556 | 2575 | 2667 | 2847 | 3119 | 3537 | 4187 | 5222 | |
| G 75.0 | 2540 | 2224 | 2022 | 1891 | 1819 | 1802 | 1819 | 1891 | 2022 | 2224 | 2540 | 3044 | 3884 | |
| G 80.0 | 1540 | 1343 | 1214 | 1136 | 1094 | 1083 | 1094 | 1136 | 1214 | 1343 | 1540 | 1859 | 2417 | |
| G 85.0 | 650 | 570 | 522 | 489 | 468 | 461 | 468 | 489 | 522 | 570 | 650 | 787 | 1036 | |
| G 90.0 | 147 | 138 | 137 | 133 | 125 | 115 | 125 | 133 | 137 | 138 | 147 | 172 | 224 | |

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| Source Flux | 3880 lm | Maximum value | 245.10 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 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 | 18426 |
| G 5.0 | 17944 | 18290 | 17944 | 17616 | 17317 | 17063 | 16852 | 16687 | 16572 | 16505 |
| G 10.0 | 17396 | 18081 | 17396 | 16781 | 16244 | 15791 | 15423 | 15142 | 14946 | 14835 |
| G 15.0 | 16794 | 17801 | 16794 | 15929 | 15196 | 14583 | 14099 | 13737 | 13484 | 13341 |
| G 20.0 | 16133 | 17437 | 16133 | 15044 | 14148 | 13424 | 12867 | 12460 | 12183 | 12029 |
| G 25.0 | 15427 | 17020 | 15427 | 14142 | 13114 | 12318 | 11725 | 11295 | 10990 | 10823 |
| G 30.0 | 14692 | 16555 | 14692 | 13236 | 12112 | 11280 | 10653 | 10177 | 9841 | 9661 |
| G 35.0 | 13900 | 16029 | 13900 | 12324 | 11149 | 10267 | 9602 | 9093 | 8747 | 8561 |
| G 40.0 | 13076 | 15459 | 13076 | 11404 | 10197 | 9269 | 8567 | 8064 | 7738 | 7562 |
| G 45.0 | 12238 | 14886 | 12238 | 10475 | 9245 | 8294 | 7596 | 7115 | 6796 | 6622 |
| G 50.0 | 11373 | 14249 | 11373 | 9519 | 8259 | 7328 | 6664 | 6211 | 5910 | 5745 |
| G 55.0 | 10474 | 13565 | 10474 | 8541 | 7244 | 6375 | 5754 | 5314 | 5051 | 4915 |
| G 60.0 | 9469 | 12770 | 9469 | 7543 | 6287 | 5448 | 4885 | 4506 | 4255 | 4121 |
| G 65.0 | 8337 | 11857 | 8337 | 6446 | 5270 | 4510 | 4008 | 3675 | 3459 | 3344 |
| G 70.0 | 7002 | 10732 | 7002 | 5222 | 4187 | 3537 | 3119 | 2847 | 2667 | 2575 |
| G 75.0 | 5422 | 9128 | 5422 | 3884 | 3044 | 2540 | 2224 | 2022 | 1891 | 1819 |
| G 80.0 | 3546 | 6876 | 3546 | 2417 | 1859 | 1540 | 1343 | 1214 | 1136 | 1094 |
| G 85.0 | 1600 | 4015 | 1600 | 1036 | 787 | 650 | 570 | 522 | 489 | 468 |
| G 90.0 | 352 | 1546 | 352 | 224 | 172 | 147 | 138 | 137 | 133 | 125 |