

Luminaire

Code 90789L009

Name CONCEPT LINEA 65 L1350 LIGHT+ 830

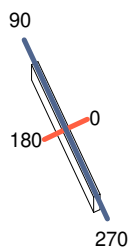
Measurem.

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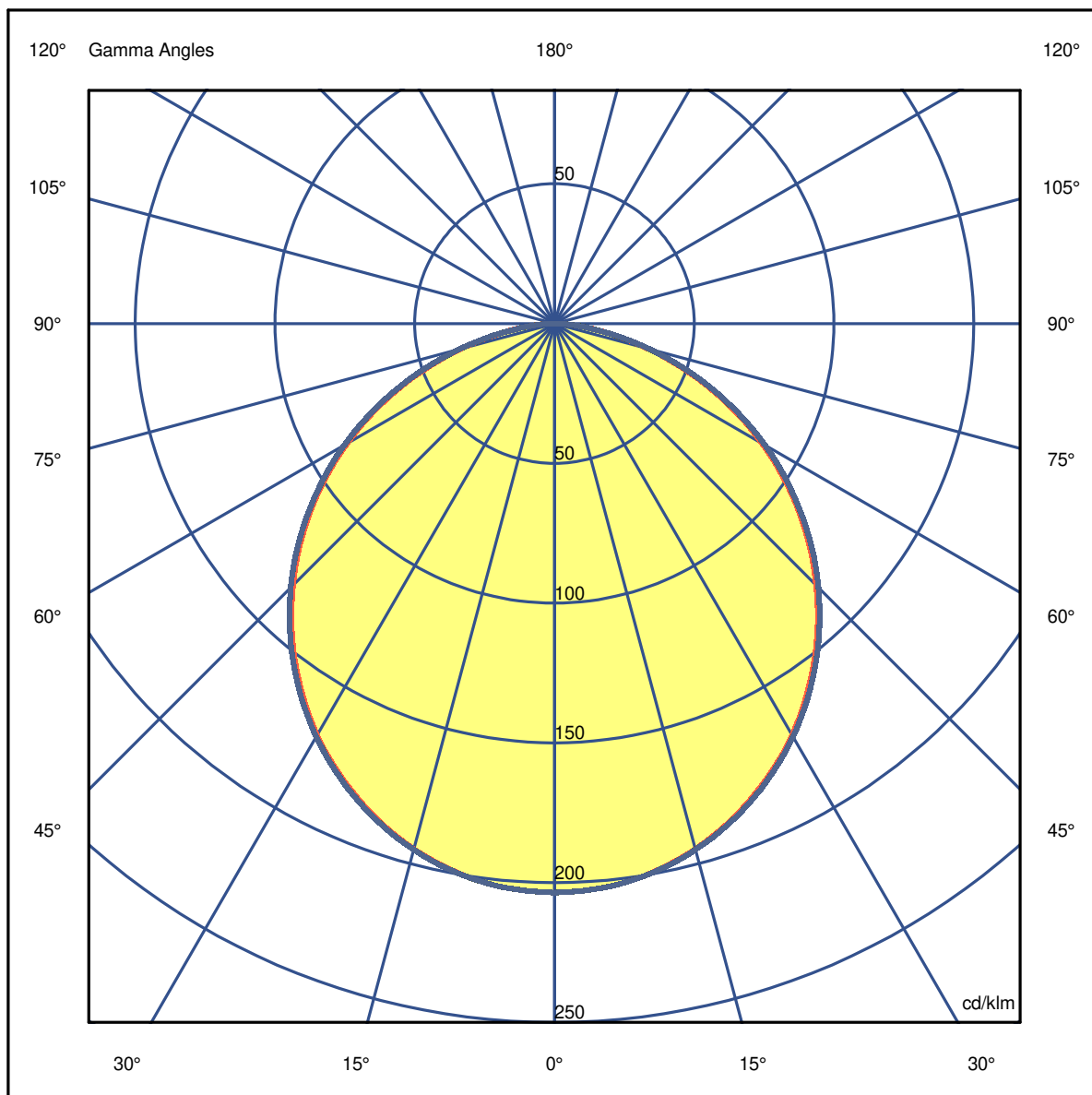
| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2370 lm | Luminaire Power | 25.1 W | Efficacy | 94.310 lm/W | Efficiency | 56.63% |
| Source Flux | 4185 lm | Maximum value | 203.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

1350mm x 65mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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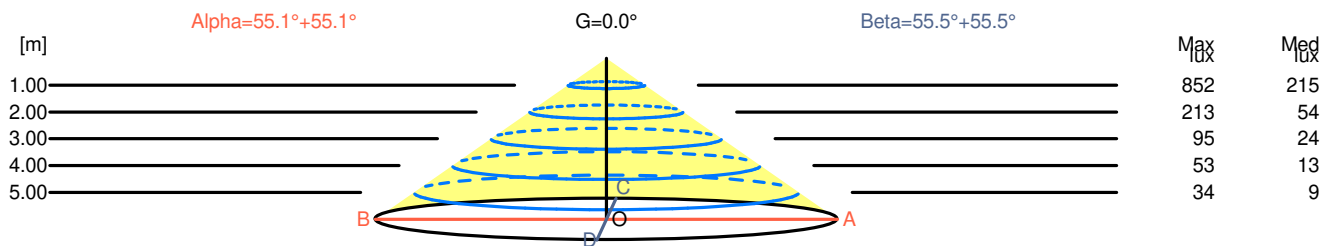
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
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| Source Flux | 4185 lm | Maximum value | 203.50 cd/klm | Position | C=0.00 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 | 1.44 | 2.87 | 4.31 | 5.74 | 7.18 | OC | 1.45 | 2.91 | 4.36 | 5.81 | 7.26 |
| OB | 1.44 | 2.87 | 4.31 | 5.74 | 7.18 | OD | 1.45 | 2.91 | 4.36 | 5.81 | 7.26 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
| OA | 851.65 | 847.46 | 814.40 | 751.63 | 663.74 | 554.09 | 427.71 | 287.93 | 145.22 | 32.22 |
| OB | 851.65 | 847.46 | 814.40 | 751.63 | 663.74 | 554.09 | 427.71 | 287.93 | 145.22 | 32.22 |
| OC | 851.65 | 847.46 | 815.24 | 754.14 | 667.51 | 558.70 | 431.89 | 291.69 | 147.31 | 31.81 |
| OD | 851.65 | 847.46 | 815.24 | 754.14 | 667.51 | 558.70 | 431.89 | 291.69 | 147.31 | 31.81 |



| H[m] | D[m] | Max lux | Med lux | Alpha=55.1°+55.1° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.87 | 852 | 215 | | | |
| 2.00 | 5.74 | 213 | 54 | | | |
| 3.00 | 8.61 | 95 | 24 | | | |
| 4.00 | 11.49 | 53 | 13 | | | |
| 5.00 | 14.36 | 34 | 9 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=55.5°+55.5° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.91 | 852 | 215 | | | |
| 2.00 | 5.81 | 213 | 54 | | | |
| 3.00 | 8.72 | 95 | 24 | | | |
| 4.00 | 11.62 | 53 | 13 | | | |
| 5.00 | 14.53 | 34 | 9 | | | |

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| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2370 lm | Luminaire Power | 25.1 W | Efficacy | 94.310 lm/W | Efficiency | 56.63% |
| Source Flux | 4185 lm | Maximum value | 203.50 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 | 16.9 | 18.2 | 17.2 | 18.4 | 18.7 | 19.0 | 20.3 | 19.3 | 20.6 | 20.8 |
| x=2H y=3H | 17.8 | 19.0 | 18.2 | 19.3 | 19.6 | 20.4 | 21.7 | 20.8 | 21.9 | 22.2 |
| x=2H y=4H | 18.1 | 19.2 | 18.5 | 19.5 | 19.8 | 21.0 | 22.1 | 21.3 | 22.4 | 22.7 |
| x=2H y=6H | 18.2 | 19.3 | 18.6 | 19.6 | 19.9 | 21.3 | 22.3 | 21.6 | 22.6 | 22.9 |
| x=2H y=8H | 18.3 | 19.2 | 18.6 | 19.5 | 19.9 | 21.4 | 22.4 | 21.7 | 22.7 | 23.0 |
| x=2H y=12H | 18.2 | 19.2 | 18.6 | 19.5 | 19.8 | 21.4 | 22.3 | 21.8 | 22.7 | 23.0 |
| x=4H y=2H | 17.5 | 18.6 | 17.9 | 18.9 | 19.2 | 19.3 | 20.4 | 19.6 | 20.7 | 21.0 |
| x=4H y=3H | 18.6 | 19.6 | 19.0 | 19.9 | 20.2 | 20.8 | 21.8 | 21.2 | 22.1 | 22.4 |
| x=4H y=4H | 19.0 | 19.8 | 19.4 | 20.2 | 20.5 | 21.4 | 22.3 | 21.8 | 22.6 | 23.0 |
| x=4H y=6H | 19.2 | 19.9 | 19.6 | 20.3 | 20.7 | 21.8 | 22.5 | 22.2 | 22.9 | 23.3 |
| x=4H y=8H | 19.2 | 19.9 | 19.6 | 20.3 | 20.7 | 21.9 | 22.6 | 22.3 | 23.0 | 23.4 |
| x=4H y=12H | 19.2 | 19.8 | 19.6 | 20.2 | 20.6 | 22.0 | 22.6 | 22.4 | 23.0 | 23.4 |
| x=8H y=4H | 19.2 | 19.9 | 19.6 | 20.3 | 20.7 | 21.5 | 22.2 | 21.9 | 22.5 | 23.0 |
| x=8H y=6H | 19.4 | 20.0 | 19.9 | 20.4 | 20.8 | 21.9 | 22.4 | 22.3 | 22.9 | 23.3 |
| x=8H y=8H | 19.5 | 20.0 | 19.9 | 20.4 | 20.9 | 22.0 | 22.5 | 22.5 | 22.9 | 23.4 |
| x=8H y=12H | 19.5 | 19.9 | 20.0 | 20.4 | 20.9 | 22.1 | 22.5 | 22.6 | 23.0 | 23.5 |
| x=12H y=4H | 19.2 | 19.8 | 19.6 | 20.2 | 20.6 | 21.4 | 22.1 | 21.9 | 22.5 | 22.9 |
| x=12H y=6H | 19.4 | 19.9 | 19.9 | 20.3 | 20.8 | 21.9 | 22.4 | 22.3 | 22.8 | 23.3 |
| x=12H y=8H | 19.5 | 19.9 | 20.0 | 20.4 | 20.9 | 22.0 | 22.4 | 22.5 | 22.9 | 23.4 |

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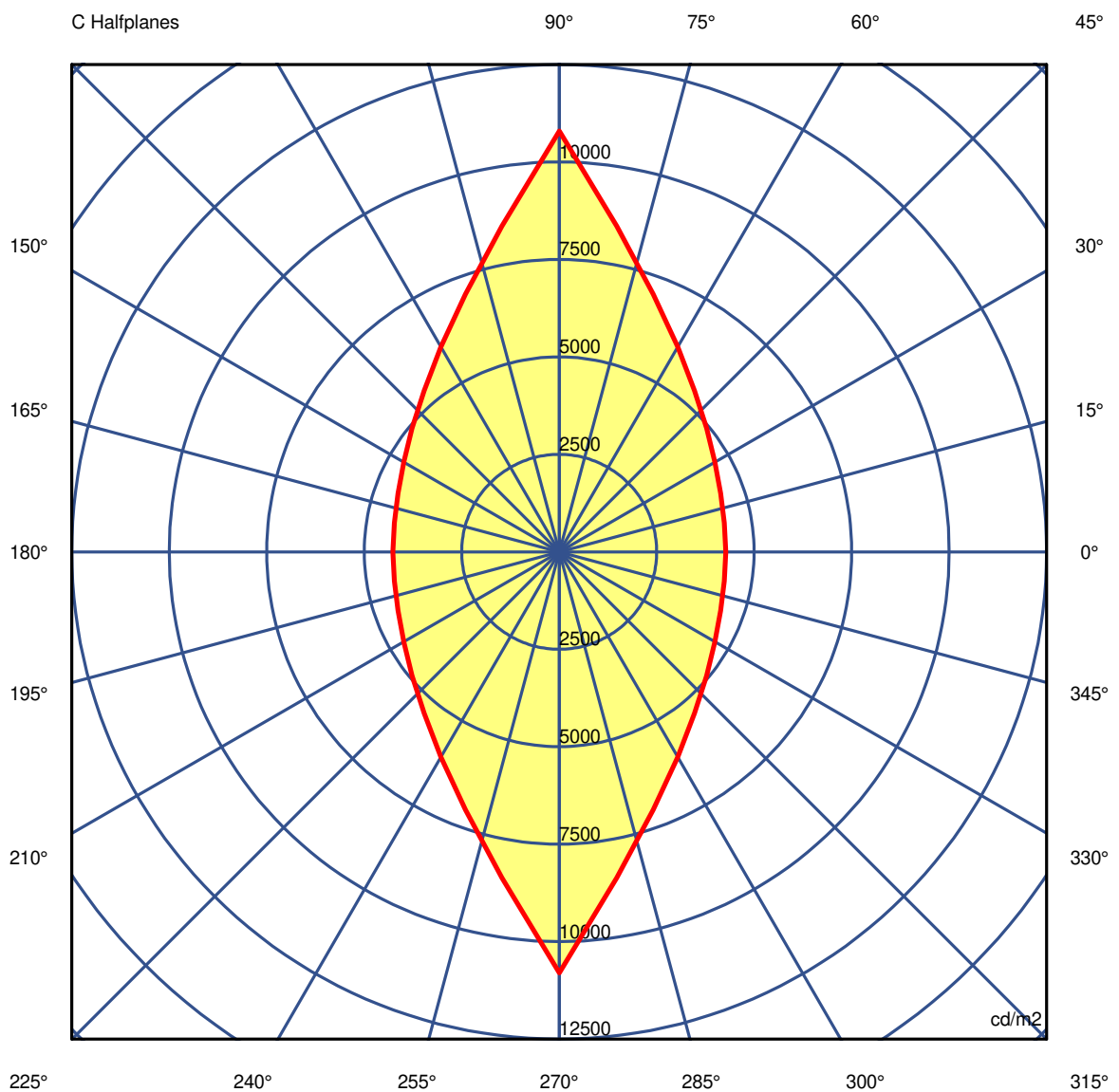
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 2370 lm | Luminaire Power | 25.1 W | Efficacy | 94.310 lm/W | Efficiency | 56.63% |
| Source Flux | 4185 lm | Maximum value | 203.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



Luminaire

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|---------------------------|---------|-----------------|---------|---------|---------|---------------|----------|---------|---------------|---------|-----------------------|----------|----------|
| Luminaire Flux | 2370 lm | Luminaire Power | | | | 25.1 W | Efficacy | | 94.310 lm/W | | Efficiency | | 56.63% |
| Source Flux | 4185 lm | Maximum value | | | | 203.50 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 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 |
| G 5.0 | 10783 | 10795 | 10847 | 10938 | 11078 | 11252 | 11460 | 11713 | 11994 | 12288 | 11994 | 11713 | 11460 |
| G 10.0 | 9517 | 9531 | 9617 | 9772 | 9993 | 10285 | 10652 | 11089 | 11601 | 12184 | 11601 | 11089 | 10652 |
| G 15.0 | 8465 | 8488 | 8593 | 8782 | 9056 | 9426 | 9903 | 10494 | 11208 | 12055 | 11208 | 10494 | 9903 |
| G 20.0 | 7565 | 7593 | 7707 | 7913 | 8227 | 8648 | 9196 | 9907 | 10799 | 11907 | 10799 | 9907 | 9196 |
| G 25.0 | 6778 | 6806 | 6926 | 7145 | 7477 | 7932 | 8538 | 9341 | 10384 | 11741 | 10384 | 9341 | 8538 |
| G 30.0 | 6081 | 6100 | 6221 | 6448 | 6785 | 7257 | 7902 | 8775 | 9951 | 11554 | 9951 | 8775 | 7902 |
| G 35.0 | 5431 | 5458 | 5579 | 5801 | 6136 | 6618 | 7289 | 8210 | 9494 | 11336 | 9494 | 8210 | 7289 |
| G 40.0 | 4833 | 4858 | 4972 | 5188 | 5524 | 6006 | 6680 | 7632 | 9010 | 11086 | 9010 | 7632 | 6680 |
| G 45.0 | 4268 | 4296 | 4406 | 4609 | 4930 | 5399 | 6070 | 7037 | 8487 | 10796 | 8487 | 7037 | 6070 |
| G 50.0 | 3730 | 3756 | 3860 | 4050 | 4348 | 4792 | 5445 | 6412 | 7916 | 10459 | 7916 | 6412 | 5445 |
| G 55.0 | 3204 | 3226 | 3318 | 3493 | 3777 | 4194 | 4808 | 5759 | 7291 | 10034 | 7291 | 5759 | 4808 |
| G 60.0 | 2687 | 2704 | 2786 | 2945 | 3197 | 3577 | 4148 | 5045 | 6565 | 9536 | 6565 | 5045 | 4148 |
| G 65.0 | 2163 | 2180 | 2250 | 2384 | 2602 | 2936 | 3447 | 4266 | 5717 | 8832 | 5717 | 4266 | 3447 |
| G 70.0 | 1641 | 1654 | 1712 | 1822 | 1995 | 2267 | 2697 | 3406 | 4729 | 7924 | 4729 | 3406 | 2697 |
| G 75.0 | 1129 | 1134 | 1175 | 1257 | 1385 | 1584 | 1906 | 2465 | 3576 | 6694 | 3576 | 2465 | 1906 |
| G 80.0 | 643 | 648 | 673 | 721 | 798 | 922 | 1131 | 1489 | 2269 | 5030 | 2269 | 1489 | 1131 |
| G 85.0 | 268 | 268 | 275 | 293 | 329 | 383 | 469 | 644 | 1057 | 3082 | 1057 | 644 | 469 |
| G 90.0 | 36 | 37 | 38 | 41 | 46 | 54 | 68 | 97 | 173 | 965 | 173 | 97 | 68 |

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| Luminaire Flux | 2370 lm | | Luminaire Power | | 25.1 W | | Efficacy | | 94.310 lm/W | | Efficiency | | 56.63% | |
| Source Flux | 4185 lm | | Maximum value | | 203.50 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 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | |
| G 5.0 | 11252 | 11078 | 10938 | 10847 | 10795 | 10783 | 10795 | 10847 | 10938 | 11078 | 11252 | 11460 | 11713 | |
| G 10.0 | 10285 | 9993 | 9772 | 9617 | 9531 | 9517 | 9531 | 9617 | 9772 | 9993 | 10285 | 10652 | 11089 | |
| G 15.0 | 9426 | 9056 | 8782 | 8593 | 8488 | 8465 | 8488 | 8593 | 8782 | 9056 | 9426 | 9903 | 10494 | |
| G 20.0 | 8648 | 8227 | 7913 | 7707 | 7593 | 7565 | 7593 | 7707 | 7913 | 8227 | 8648 | 9196 | 9907 | |
| G 25.0 | 7932 | 7477 | 7145 | 6926 | 6806 | 6778 | 6806 | 6926 | 7145 | 7477 | 7932 | 8538 | 9341 | |
| G 30.0 | 7257 | 6785 | 6448 | 6221 | 6100 | 6081 | 6100 | 6221 | 6448 | 6785 | 7257 | 7902 | 8775 | |
| G 35.0 | 6618 | 6136 | 5801 | 5579 | 5458 | 5431 | 5458 | 5579 | 5801 | 6136 | 6618 | 7289 | 8210 | |
| G 40.0 | 6006 | 5524 | 5188 | 4972 | 4858 | 4833 | 4858 | 4972 | 5188 | 5524 | 6006 | 6680 | 7632 | |
| G 45.0 | 5399 | 4930 | 4609 | 4406 | 4296 | 4268 | 4296 | 4406 | 4609 | 4930 | 5399 | 6070 | 7037 | |
| G 50.0 | 4792 | 4348 | 4050 | 3860 | 3756 | 3730 | 3756 | 3860 | 4050 | 4348 | 4792 | 5445 | 6412 | |
| G 55.0 | 4194 | 3777 | 3493 | 3318 | 3226 | 3204 | 3226 | 3318 | 3493 | 3777 | 4194 | 4808 | 5759 | |
| G 60.0 | 3577 | 3197 | 2945 | 2786 | 2704 | 2687 | 2704 | 2786 | 2945 | 3197 | 3577 | 4148 | 5045 | |
| G 65.0 | 2936 | 2602 | 2384 | 2250 | 2180 | 2163 | 2180 | 2250 | 2384 | 2602 | 2936 | 3447 | 4266 | |
| G 70.0 | 2267 | 1995 | 1822 | 1712 | 1654 | 1641 | 1654 | 1712 | 1822 | 1995 | 2267 | 2697 | 3406 | |
| G 75.0 | 1584 | 1385 | 1257 | 1175 | 1134 | 1129 | 1134 | 1175 | 1257 | 1385 | 1584 | 1906 | 2465 | |
| G 80.0 | 922 | 798 | 721 | 673 | 648 | 643 | 648 | 673 | 721 | 798 | 922 | 1131 | 1489 | |
| G 85.0 | 383 | 329 | 293 | 275 | 268 | 268 | 268 | 275 | 293 | 329 | 383 | 469 | 644 | |
| G 90.0 | 54 | 46 | 41 | 38 | 37 | 36 | 37 | 38 | 41 | 46 | 54 | 68 | 97 | |

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| Source Flux | 4185 lm | Maximum value | 203.50 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 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 | 12370 |
| G 5.0 | 11994 | 12288 | 11994 | 11713 | 11460 | 11252 | 11078 | 10938 | 10847 | 10795 |
| G 10.0 | 11601 | 12184 | 11601 | 11089 | 10652 | 10285 | 9993 | 9772 | 9617 | 9531 |
| G 15.0 | 11208 | 12055 | 11208 | 10494 | 9903 | 9426 | 9056 | 8782 | 8593 | 8488 |
| G 20.0 | 10799 | 11907 | 10799 | 9907 | 9196 | 8648 | 8227 | 7913 | 7707 | 7593 |
| G 25.0 | 10384 | 11741 | 10384 | 9341 | 8538 | 7932 | 7477 | 7145 | 6926 | 6806 |
| G 30.0 | 9951 | 11554 | 9951 | 8775 | 7902 | 7257 | 6785 | 6448 | 6221 | 6100 |
| G 35.0 | 9494 | 11336 | 9494 | 8210 | 7289 | 6618 | 6136 | 5801 | 5579 | 5458 |
| G 40.0 | 9010 | 11086 | 9010 | 7632 | 6680 | 6006 | 5524 | 5188 | 4972 | 4858 |
| G 45.0 | 8487 | 10796 | 8487 | 7037 | 6070 | 5399 | 4930 | 4609 | 4406 | 4296 |
| G 50.0 | 7916 | 10459 | 7916 | 6412 | 5445 | 4792 | 4348 | 4050 | 3860 | 3756 |
| G 55.0 | 7291 | 10034 | 7291 | 5759 | 4808 | 4194 | 3777 | 3493 | 3318 | 3226 |
| G 60.0 | 6565 | 9536 | 6565 | 5045 | 4148 | 3577 | 3197 | 2945 | 2786 | 2704 |
| G 65.0 | 5717 | 8832 | 5717 | 4266 | 3447 | 2936 | 2602 | 2384 | 2250 | 2180 |
| G 70.0 | 4729 | 7924 | 4729 | 3406 | 2697 | 2267 | 1995 | 1822 | 1712 | 1654 |
| G 75.0 | 3576 | 6694 | 3576 | 2465 | 1906 | 1584 | 1385 | 1257 | 1175 | 1134 |
| G 80.0 | 2269 | 5030 | 2269 | 1489 | 1131 | 922 | 798 | 721 | 673 | 648 |
| G 85.0 | 1057 | 3082 | 1057 | 644 | 469 | 383 | 329 | 293 | 275 | 268 |
| G 90.0 | 173 | 965 | 173 | 97 | 68 | 54 | 46 | 41 | 38 | 37 |