

Luminaire

Code 90517+90500L002

Name REBA 50 EXT L0578+INT ASYM 830 HO

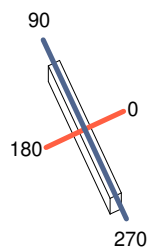
Measurem.

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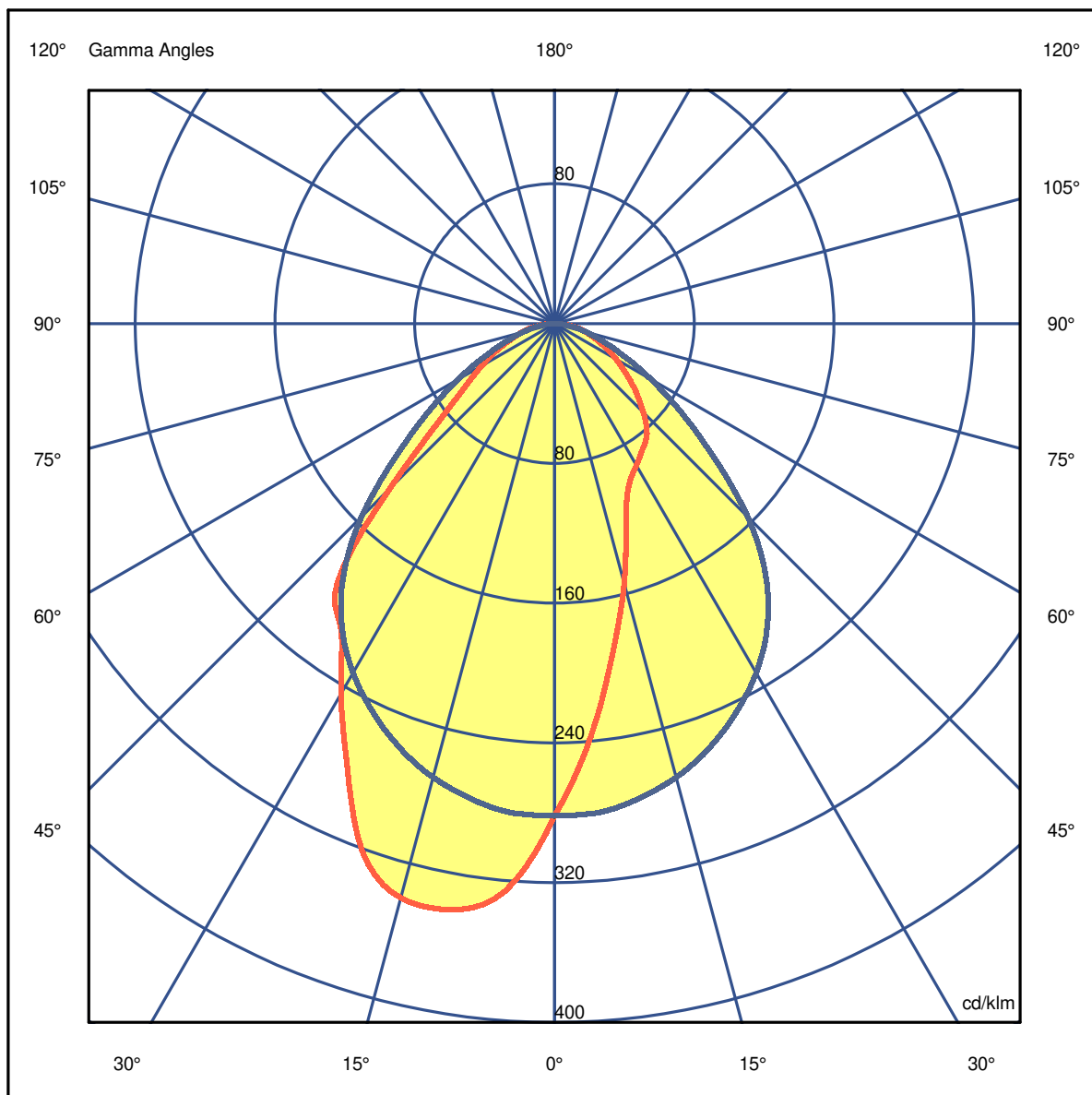
| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|------------------|------------|--------------|
| Luminaire Flux | 1331 lm | Luminaire Power | 15.8 W | Efficacy | 84.108 lm/W | Efficiency | 53.73% |
| Source Flux | 2478 lm | Maximum value | 341.90 cd/klm | Position | C=165.00 G=15.00 | CG | Asymmetrical |

578mm x 50mm



C Halfplanes

180.0 ————— 0.0
270.0 ————— 90.0



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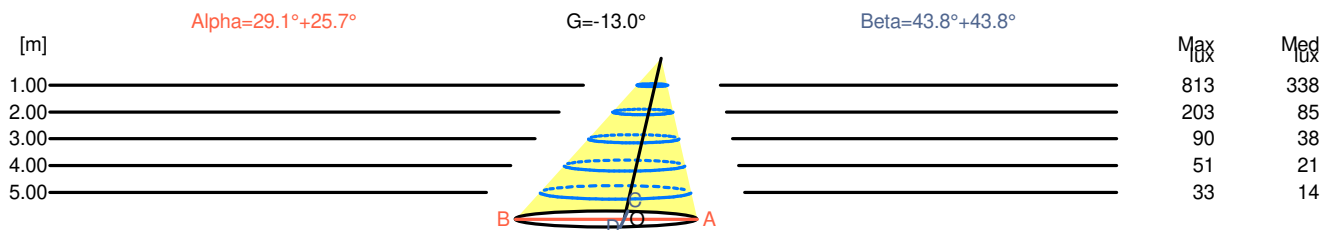
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|----------------|---------|-----------------|---------------|----------|------------------|-----------------|--------|
| Luminaire Flux | 1331 lm | Luminaire Power | 15.8 W | Efficacy | 84.108 lm/W | Efficiency | 53.73% |
| Source Flux | 2478 lm | Maximum value | 341.90 cd/klm | Position | C=165.00 G=15.00 | CG Asymmetrical | |

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 | 0.46 | 0.91 | 1.37 | 1.82 | 2.28 | OC | 0.98 | 1.97 | 2.95 | 3.94 | 4.92 |
| OB | 0.67 | 1.35 | 2.02 | 2.70 | 3.37 | OD | 0.98 | 1.97 | 2.95 | 3.94 | 4.92 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| OA | 698.30 | 588.53 | 381.61 | 250.53 | 217.57 | 177.92 | 124.40 | 79.30 | 44.85 | 14.62 |
| OB | 698.30 | 808.08 | 843.02 | 695.57 | 528.31 | 330.07 | 154.63 | 90.69 | 48.82 | 17.84 |
| OC | 698.30 | 696.57 | 666.09 | 608.84 | 525.83 | 387.06 | 219.30 | 108.78 | 47.08 | 11.65 |
| OD | 698.30 | 696.57 | 666.09 | 608.84 | 525.83 | 387.06 | 219.30 | 108.78 | 47.08 | 11.65 |



| H[m] | D[m] | Max lux | Med lux | Alpha=29.1°+25.7° | G=-13.0 | |
|------|------|---------|---------|-------------------|---------|--|
| 1.00 | 1.13 | 813 | 338 | | | |
| 2.00 | 2.26 | 203 | 85 | | | |
| 3.00 | 3.39 | 90 | 38 | | | |
| 4.00 | 4.52 | 51 | 21 | | | |
| 5.00 | 5.65 | 33 | 14 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=43.8°+43.8° | G=0.0 | |
|------|------|---------|---------|------------------|-------|--|
| 1.00 | 1.97 | 813 | 338 | | | |
| 2.00 | 3.94 | 203 | 85 | | | |
| 3.00 | 5.91 | 90 | 38 | | | |
| 4.00 | 7.87 | 51 | 21 | | | |
| 5.00 | 9.84 | 33 | 14 | | | |

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|----------------|---------|-----------------|---------------|----------|------------------|------------|--------------|
| Luminaire Flux | 1331 lm | Luminaire Power | 15.8 W | Efficacy | 84.108 lm/W | Efficiency | 53.73% |
| Source Flux | 2478 lm | Maximum value | 341.90 cd/klm | Position | C=165.00 G=15.00 | CG | Asymmetrical |

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 | 17.7 | 18.8 | 18.0 | 19.0 | 19.3 | 19.8 | 20.9 | 20.1 | 21.1 | 21.4 |
| x=2H y=3H | 18.0 | 19.0 | 18.3 | 19.3 | 19.6 | 20.4 | 21.4 | 20.7 | 21.7 | 21.9 |
| x=2H y=4H | 18.1 | 19.1 | 18.5 | 19.4 | 19.7 | 20.6 | 21.6 | 20.9 | 21.8 | 22.1 |
| x=2H y=6H | 18.2 | 19.1 | 18.6 | 19.4 | 19.7 | 20.7 | 21.6 | 21.1 | 21.9 | 22.2 |
| x=2H y=8H | 18.2 | 19.1 | 18.6 | 19.4 | 19.7 | 20.8 | 21.6 | 21.1 | 21.9 | 22.2 |
| x=2H y=12H | 18.2 | 19.0 | 18.6 | 19.4 | 19.7 | 20.8 | 21.6 | 21.2 | 21.9 | 22.3 |
| x=4H y=2H | 18.0 | 19.0 | 18.4 | 19.3 | 19.6 | 19.8 | 20.8 | 20.1 | 21.0 | 21.3 |
| x=4H y=3H | 18.5 | 19.3 | 18.9 | 19.6 | 20.0 | 20.5 | 21.3 | 20.9 | 21.7 | 22.0 |
| x=4H y=4H | 18.7 | 19.4 | 19.1 | 19.8 | 20.1 | 20.8 | 21.5 | 21.2 | 21.9 | 22.2 |
| x=4H y=6H | 18.8 | 19.4 | 19.2 | 19.8 | 20.2 | 21.0 | 21.6 | 21.4 | 22.0 | 22.4 |
| x=4H y=8H | 18.9 | 19.4 | 19.3 | 19.8 | 20.2 | 21.1 | 21.6 | 21.5 | 22.0 | 22.4 |
| x=4H y=12H | 18.9 | 19.4 | 19.3 | 19.8 | 20.2 | 21.1 | 21.6 | 21.5 | 22.0 | 22.4 |
| x=8H y=4H | 18.8 | 19.3 | 19.2 | 19.7 | 20.1 | 20.8 | 21.3 | 21.2 | 21.7 | 22.1 |
| x=8H y=6H | 19.0 | 19.5 | 19.4 | 19.9 | 20.3 | 21.0 | 21.5 | 21.5 | 21.9 | 22.4 |
| x=8H y=8H | 19.1 | 19.5 | 19.5 | 19.9 | 20.4 | 21.1 | 21.5 | 21.6 | 22.0 | 22.5 |
| x=8H y=12H | 19.1 | 19.4 | 19.5 | 19.9 | 20.4 | 21.1 | 21.5 | 21.6 | 22.0 | 22.5 |
| x=12H y=4H | 18.8 | 19.3 | 19.2 | 19.7 | 20.1 | 20.7 | 21.3 | 21.2 | 21.7 | 22.1 |
| x=12H y=6H | 19.0 | 19.4 | 19.5 | 19.8 | 20.3 | 21.0 | 21.4 | 21.5 | 21.9 | 22.3 |
| x=12H y=8H | 19.0 | 19.4 | 19.5 | 19.9 | 20.4 | 21.1 | 21.4 | 21.6 | 21.9 | 22.4 |

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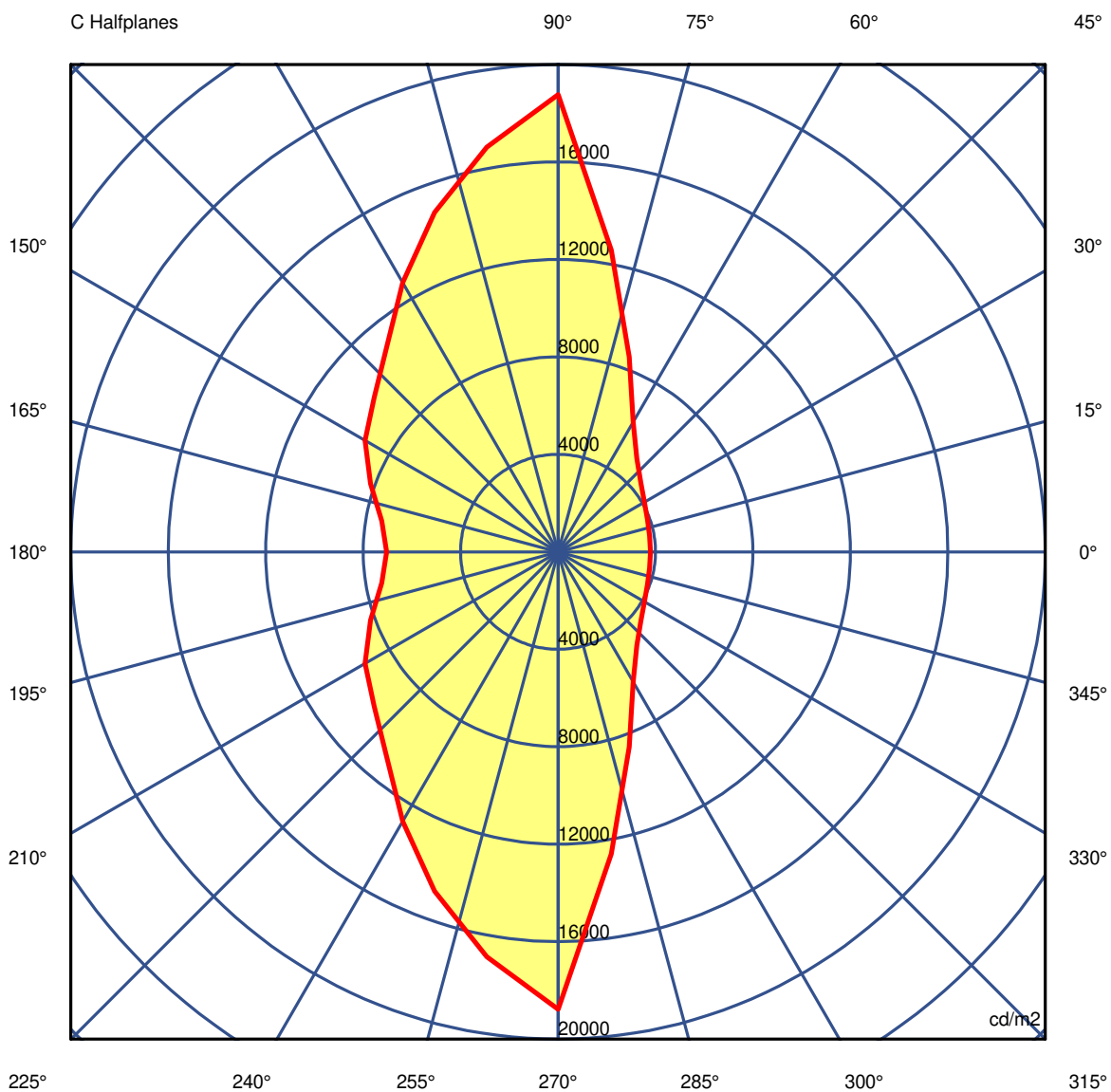
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|----------------|---------|-----------------|---------------|----------|------------------|------------|--------------|
| Luminaire Flux | 1331 lm | Luminaire Power | 15.8 W | Efficacy | 84.108 lm/W | Efficiency | 53.73% |
| Source Flux | 2478 lm | Maximum value | 341.90 cd/klm | Position | C=165.00 G=15.00 | CG | Asymmetrical |

Luminance



45.0°

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Name REBA 50 EXT L0578+INT ASYM 830 HO

Measurement

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| | | | | | | | | | | | | | | | |
|-----------------|---------|---------|-----------------|---------|---------------|---------|----------|---------|------------------|---------|------------|----------|--------------|-----------|--|
| Luminaire Flux | 1331 lm | | Luminaire Power | | 15.8 W | | Efficacy | | 84.108 lm/W | | Efficiency | | 53.73% | | |
| Source Flux | 2478 lm | | Maximum value | | 341.90 cd/klm | | Position | | C=165.00 G=15.00 | | CG | | Asymmetrical | | |
| 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 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | |
| G 5.0 | 20100 | 20135 | 20355 | 20790 | 21393 | 22163 | 23114 | 24249 | 25478 | 26747 | 26799 | 26995 | 27282 | | |
| G 10.0 | 14615 | 14723 | 15128 | 15857 | 16809 | 18063 | 19667 | 21580 | 23767 | 26280 | 26594 | 26934 | 27100 | | |
| G 15.0 | 10767 | 10882 | 11271 | 12006 | 13078 | 14614 | 16661 | 19165 | 22144 | 25789 | 26298 | 26462 | 26093 | | |
| G 20.0 | 7766 | 7893 | 8299 | 9093 | 10297 | 11899 | 14047 | 16999 | 20637 | 25203 | 25791 | 25614 | 24631 | | |
| G 25.0 | 6181 | 6249 | 6478 | 7006 | 8017 | 9611 | 11908 | 15055 | 19128 | 24521 | 24947 | 24385 | 22919 | | |
| G 30.0 | 5448 | 5494 | 5655 | 5985 | 6614 | 7894 | 10083 | 13276 | 17674 | 23786 | 23938 | 22796 | 20670 | | |
| G 35.0 | 4902 | 4937 | 5058 | 5328 | 5867 | 6772 | 8450 | 11588 | 16275 | 22787 | 22264 | 20551 | 18074 | | |
| G 40.0 | 4446 | 4449 | 4538 | 4723 | 5138 | 5871 | 7301 | 10120 | 14693 | 21252 | 19780 | 17730 | 15461 | | |
| G 45.0 | 3794 | 3811 | 3898 | 4084 | 4434 | 5018 | 6164 | 8517 | 12586 | 18769 | 16875 | 14824 | 12771 | | |
| G 50.0 | 3164 | 3163 | 3225 | 3363 | 3627 | 4154 | 5091 | 6695 | 9857 | 15408 | 13532 | 11571 | 9836 | | |
| G 55.0 | 2593 | 2571 | 2664 | 2843 | 3053 | 3431 | 4156 | 5328 | 7799 | 12502 | 10470 | 8673 | 7122 | | |
| G 60.0 | 2097 | 2037 | 2162 | 2400 | 2546 | 2814 | 3364 | 4246 | 6154 | 9994 | 7831 | 6350 | 5185 | | |
| G 65.0 | 1666 | 1615 | 1698 | 1868 | 1990 | 2245 | 2699 | 3334 | 4652 | 7811 | 5737 | 4514 | 3655 | | |
| G 70.0 | 1295 | 1296 | 1357 | 1476 | 1564 | 1748 | 2077 | 2534 | 3512 | 6053 | 4122 | 3156 | 2539 | | |
| G 75.0 | 980 | 987 | 1039 | 1117 | 1185 | 1326 | 1581 | 1936 | 2698 | 4761 | 2940 | 2205 | 1786 | | |
| G 80.0 | 699 | 699 | 740 | 817 | 852 | 940 | 1119 | 1394 | 1913 | 3549 | 2010 | 1472 | 1164 | | |
| G 85.0 | 343 | 344 | 356 | 383 | 423 | 480 | 569 | 726 | 1010 | 2098 | 1034 | 764 | 618 | | |
| G 90.0 | 116 | 140 | 153 | 155 | 158 | 162 | 172 | 200 | 233 | 524 | 289 | 290 | 290 | | |

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| Luminaire Flux | 1331 lm | Luminaire Power | | 15.8 W | | Efficacy | | 84.108 lm/W | | Efficiency | | 53.73% | |
| Source Flux | 2478 lm | Maximum value | | 341.90 cd/klm | | Position | | C=165.00 G=15.00 | | CG | | Asymmetrical | |
| 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 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 |
| G 5.0 | 27460 | 27528 | 27560 | 27620 | 27596 | 27598 | 27617 | 27620 | 27560 | 27528 | 27460 | 27282 | 26995 |
| G 10.0 | 26938 | 26576 | 26258 | 26160 | 26050 | 25973 | 26050 | 26160 | 26258 | 26576 | 26938 | 27100 | 26934 |
| G 15.0 | 25438 | 24780 | 24313 | 24087 | 23883 | 23784 | 23883 | 24087 | 24313 | 24780 | 25438 | 26093 | 26462 |
| G 20.0 | 23633 | 22677 | 21925 | 21477 | 21088 | 20892 | 21088 | 21477 | 21925 | 22677 | 23633 | 24631 | 25614 |
| G 25.0 | 21500 | 20145 | 18926 | 18047 | 17409 | 17162 | 17409 | 18047 | 18926 | 20145 | 21500 | 22919 | 24385 |
| G 30.0 | 18800 | 17063 | 15627 | 14908 | 14448 | 14227 | 14448 | 14908 | 15627 | 17063 | 18800 | 20670 | 22796 |
| G 35.0 | 15984 | 14329 | 13098 | 12365 | 11986 | 11903 | 11986 | 12365 | 13098 | 14329 | 15984 | 18074 | 20551 |
| G 40.0 | 13483 | 11978 | 11096 | 10857 | 10644 | 10466 | 10644 | 10857 | 11096 | 11978 | 13483 | 15461 | 17730 |
| G 45.0 | 10962 | 9853 | 9149 | 8198 | 7352 | 7039 | 7352 | 8198 | 9149 | 9853 | 10962 | 12771 | 14824 |
| G 50.0 | 8569 | 7181 | 5806 | 5027 | 4604 | 4444 | 4604 | 5027 | 5806 | 7181 | 8569 | 9836 | 11571 |
| G 55.0 | 5869 | 4760 | 3903 | 3509 | 3310 | 3223 | 3310 | 3509 | 3903 | 4760 | 5869 | 7122 | 8673 |
| G 60.0 | 4107 | 3327 | 2888 | 2660 | 2527 | 2480 | 2527 | 2660 | 2888 | 3327 | 4107 | 5185 | 6350 |
| G 65.0 | 2895 | 2387 | 2137 | 2009 | 1931 | 1905 | 1931 | 2009 | 2137 | 2387 | 2895 | 3655 | 4514 |
| G 70.0 | 2021 | 1738 | 1596 | 1511 | 1454 | 1428 | 1454 | 1511 | 1596 | 1738 | 2021 | 2539 | 3156 |
| G 75.0 | 1450 | 1265 | 1194 | 1129 | 1079 | 1066 | 1079 | 1129 | 1194 | 1265 | 1450 | 1786 | 2205 |
| G 80.0 | 979 | 882 | 829 | 779 | 742 | 732 | 742 | 779 | 829 | 882 | 979 | 1164 | 1472 |
| G 85.0 | 534 | 493 | 472 | 448 | 426 | 419 | 426 | 448 | 472 | 493 | 534 | 618 | 764 |
| G 90.0 | 294 | 297 | 297 | 292 | 275 | 263 | 275 | 292 | 297 | 297 | 294 | 290 | 290 |

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| Source Flux | 2478 lm | Maximum value | 341.90 cd/klm | Position | C=165.00 G=15.00 | CG | Asymmetrical |

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 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 | 27011 |
| G 5.0 | 26799 | 26747 | 25478 | 24249 | 23114 | 22163 | 21393 | 20790 | 20355 | 20135 |
| G 10.0 | 26594 | 26280 | 23767 | 21580 | 19667 | 18063 | 16809 | 15857 | 15128 | 14723 |
| G 15.0 | 26298 | 25789 | 22144 | 19165 | 16661 | 14614 | 13078 | 12006 | 11271 | 10882 |
| G 20.0 | 25791 | 25203 | 20637 | 16999 | 14047 | 11899 | 10297 | 9093 | 8299 | 7893 |
| G 25.0 | 24947 | 24521 | 19128 | 15055 | 11908 | 9611 | 8017 | 7006 | 6478 | 6249 |
| G 30.0 | 23938 | 23786 | 17674 | 13276 | 10083 | 7894 | 6614 | 5985 | 5655 | 5494 |
| G 35.0 | 22264 | 22787 | 16275 | 11588 | 8450 | 6772 | 5867 | 5328 | 5058 | 4937 |
| G 40.0 | 19780 | 21252 | 14693 | 10120 | 7301 | 5871 | 5138 | 4723 | 4538 | 4449 |
| G 45.0 | 16875 | 18769 | 12586 | 8517 | 6164 | 5018 | 4434 | 4084 | 3898 | 3811 |
| G 50.0 | 13532 | 15408 | 9857 | 6695 | 5091 | 4154 | 3627 | 3363 | 3227 | 3163 |
| G 55.0 | 10470 | 12502 | 7799 | 5328 | 4156 | 3431 | 3053 | 2843 | 2664 | 2571 |
| G 60.0 | 7831 | 9994 | 6154 | 4246 | 3364 | 2814 | 2546 | 2400 | 2162 | 2037 |
| G 65.0 | 5737 | 7811 | 4652 | 3334 | 2699 | 2245 | 1990 | 1868 | 1698 | 1615 |
| G 70.0 | 4122 | 6053 | 3512 | 2534 | 2077 | 1748 | 1564 | 1476 | 1357 | 1296 |
| G 75.0 | 2940 | 4761 | 2698 | 1936 | 1581 | 1326 | 1185 | 1117 | 1039 | 987 |
| G 80.0 | 2010 | 3549 | 1913 | 1394 | 1119 | 940 | 852 | 817 | 740 | 699 |
| G 85.0 | 1034 | 2098 | 1010 | 726 | 569 | 480 | 423 | 383 | 356 | 344 |
| G 90.0 | 289 | 524 | 233 | 200 | 172 | 162 | 158 | 155 | 153 | 140 |