

Luminaire

Code 90653L200

Name ELI SQ /W D/I L200 PB 940 35° HO

Measur.

Code 5/9/2023

Name ELI SQ /W D/I L200 PB 940 35° HO

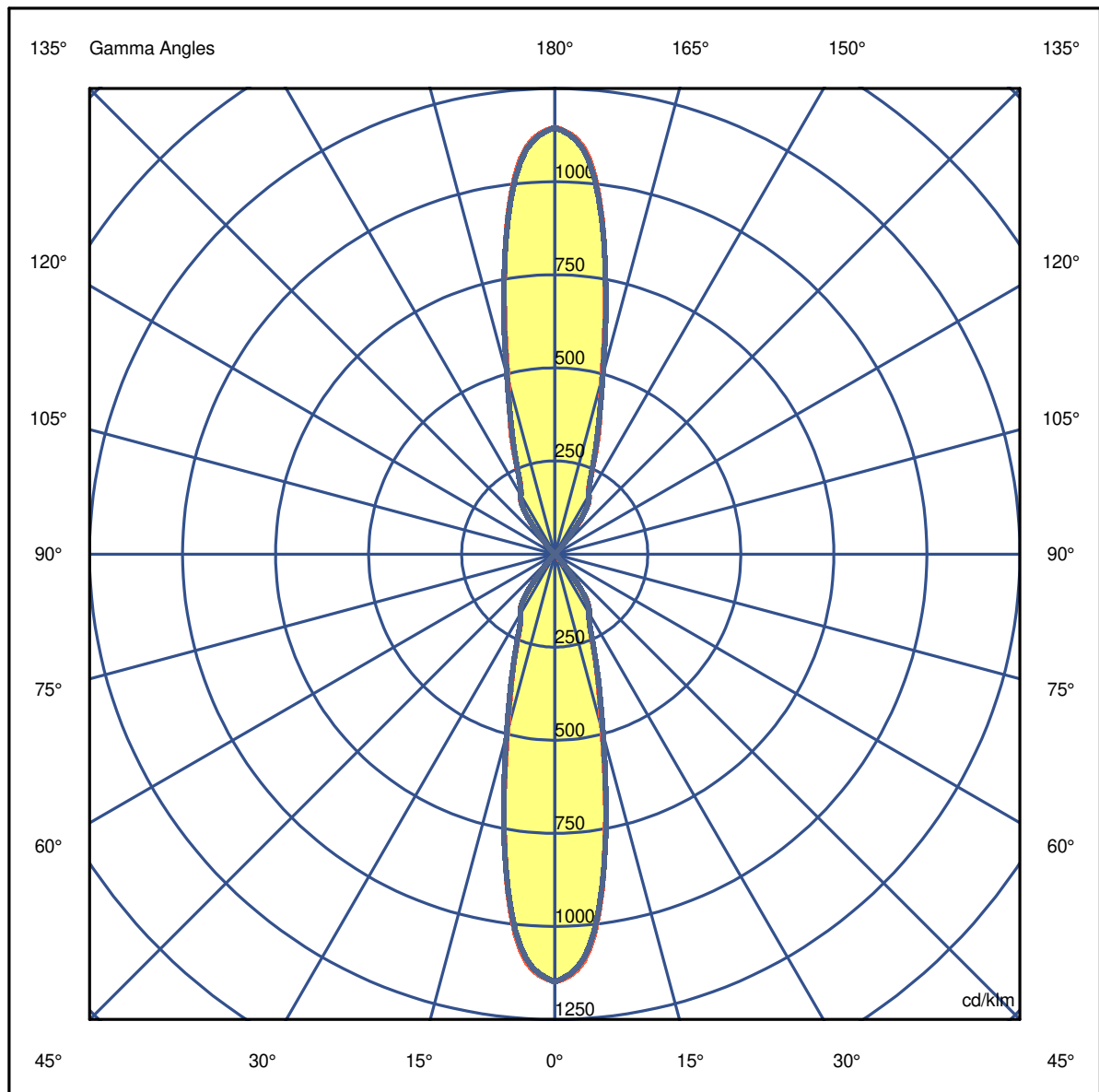
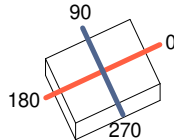
| | | | | | | | |
|----------------|---------|-----------------|----------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1256 lm | Luminaire Power | 10.1 W | Efficacy | 124.012 lm/W | Efficiency | 88.84% |
| Source Flux | 1414 lm | Maximum value | 1148.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

80mm x 105mm

C Halfplanes

180.0 — 0.0

270.0 — 90.0



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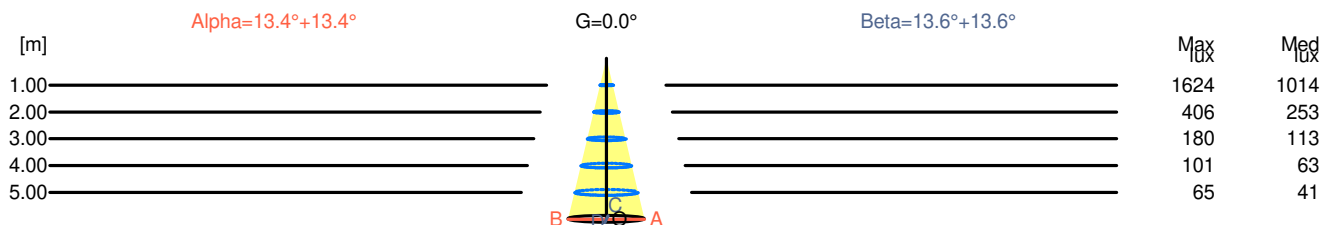
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|----------------|---------|-----------------|----------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1256 lm | Luminaire Power | 10.1 W | Efficacy | 124.012 lm/W | Efficiency | 88.84% |
| Source Flux | 1414 lm | Maximum value | 1148.50 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 | 0.24 | 0.48 | 0.71 | 0.95 | 1.19 | OC | 0.24 | 0.48 | 0.72 | 0.96 | 1.21 |
| OB | 0.24 | 0.48 | 0.71 | 0.95 | 1.19 | OD | 0.24 | 0.48 | 0.72 | 0.96 | 1.21 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|---------|---------|--------|--------|--------|-------|------|------|------|------|
| OA | 1623.98 | 1507.32 | 694.98 | 320.27 | 206.59 | 12.02 | 1.70 | 0.71 | 0.71 | 0.71 |
| OB | 1623.98 | 1507.32 | 694.98 | 320.27 | 206.59 | 12.02 | 1.70 | 0.71 | 0.71 | 0.71 |
| OC | 1623.98 | 1496.58 | 710.39 | 323.38 | 205.74 | 13.15 | 1.41 | 0.71 | 0.71 | 0.71 |
| OD | 1623.98 | 1496.58 | 710.39 | 323.38 | 205.74 | 13.15 | 1.41 | 0.71 | 0.71 | 0.71 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.4°+13.4° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.48 | 1624 | 1014 | | |
| 2.00 | 0.95 | 406 | 253 | | |
| 3.00 | 1.43 | 180 | 113 | | |
| 4.00 | 1.90 | 101 | 63 | | |
| 5.00 | 2.38 | 65 | 41 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=13.6°+13.6° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.48 | 1624 | 1014 | | |
| 2.00 | 0.96 | 406 | 253 | | |
| 3.00 | 1.45 | 180 | 113 | | |
| 4.00 | 1.93 | 101 | 63 | | |
| 5.00 | 2.41 | 65 | 41 | | |

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| Luminaire Flux | 1256 lm | Luminaire Power | 10.1 W | Efficacy | 124.012 lm/W | Efficiency | 88.84% |
| Source Flux | 1414 lm | Maximum value | 1148.50 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 | 12.6 | 13.2 | 13.5 | 14.1 | 15.1 | 12.6 | 13.2 | 13.5 | 14.0 | 15.1 |
| x=2H y=3H | 12.4 | 12.9 | 13.3 | 13.8 | 14.9 | 12.4 | 12.9 | 13.3 | 13.7 | 14.8 |
| x=2H y=4H | 12.2 | 12.7 | 13.2 | 13.6 | 14.7 | 12.2 | 12.7 | 13.1 | 13.6 | 14.7 |
| x=2H y=6H | 12.1 | 12.5 | 13.0 | 13.4 | 14.6 | 12.1 | 12.5 | 13.0 | 13.4 | 14.6 |
| x=2H y=8H | 12.0 | 12.5 | 13.0 | 13.4 | 14.5 | 12.0 | 12.4 | 13.0 | 13.3 | 14.5 |
| x=2H y=12H | 12.0 | 12.4 | 12.9 | 13.3 | 14.5 | 12.0 | 12.3 | 12.9 | 13.3 | 14.5 |
| x=4H y=2H | 12.2 | 12.7 | 13.2 | 13.6 | 14.7 | 12.2 | 12.7 | 13.1 | 13.6 | 14.7 |
| x=4H y=3H | 11.9 | 12.3 | 12.9 | 13.3 | 14.5 | 11.9 | 12.3 | 12.9 | 13.2 | 14.4 |
| x=4H y=4H | 11.8 | 12.1 | 12.8 | 13.1 | 14.3 | 11.8 | 12.1 | 12.8 | 13.1 | 14.3 |
| x=4H y=6H | 11.7 | 12.0 | 12.7 | 12.9 | 14.2 | 11.6 | 11.9 | 12.6 | 12.9 | 14.2 |
| x=4H y=8H | 11.6 | 11.9 | 12.6 | 12.8 | 14.1 | 11.6 | 11.8 | 12.6 | 12.8 | 14.1 |
| x=4H y=12H | 11.6 | 11.8 | 12.6 | 12.8 | 14.1 | 11.5 | 11.8 | 12.5 | 12.8 | 14.0 |
| x=8H y=4H | 11.6 | 11.8 | 12.6 | 12.8 | 14.1 | 11.6 | 11.8 | 12.6 | 12.8 | 14.1 |
| x=8H y=6H | 11.4 | 11.6 | 12.5 | 12.6 | 13.9 | 11.4 | 11.6 | 12.4 | 12.6 | 13.9 |
| x=8H y=8H | 11.4 | 11.6 | 12.4 | 12.6 | 13.9 | 11.4 | 11.6 | 12.4 | 12.6 | 13.9 |
| x=8H y=12H | 11.4 | 11.5 | 12.4 | 12.5 | 13.9 | 11.3 | 11.5 | 12.4 | 12.5 | 13.8 |
| x=12H y=4H | 11.5 | 11.7 | 12.5 | 12.7 | 14.0 | 11.5 | 11.7 | 12.5 | 12.7 | 14.0 |
| x=12H y=6H | 11.4 | 11.6 | 12.4 | 12.6 | 13.9 | 11.3 | 11.5 | 12.4 | 12.5 | 13.9 |
| x=12H y=8H | 11.3 | 11.5 | 12.4 | 12.5 | 13.8 | 11.3 | 11.4 | 12.3 | 12.5 | 13.8 |

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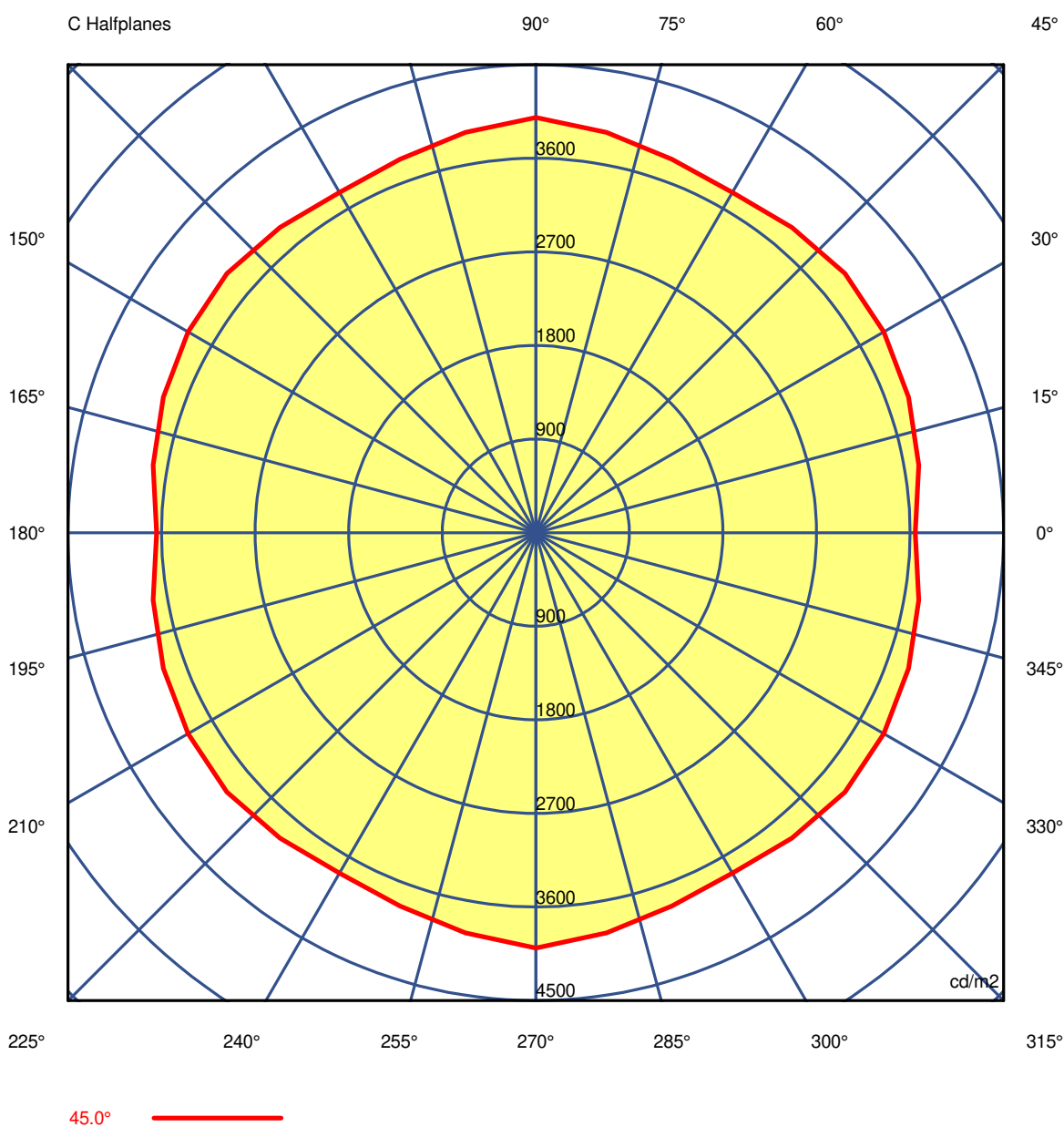
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|----------------|---------|-----------------|----------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 1256 lm | Luminaire Power | 10.1 W | Efficacy | 124.012 lm/W | Efficiency | 88.84% |
| Source Flux | 1414 lm | Maximum value | 1148.50 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical | |

Luminance



Luminaire

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Measurement

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| Luminaire Flux | | 1256 lm | | Luminaire Power | | 10.1 W | | Efficacy | | 124.012 lm/W | | Efficiency | | 88.84% | |
|-----------------|--------|---------|---------|-----------------|---------|----------------|---------|----------|---------|---------------|----------|------------|----------|--------------------|--------|
| Source Flux | | 1414 lm | | Maximum value | | 1148.50 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 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 |
| G 5.0 | 324931 | 324911 | 324797 | 324535 | 324411 | 324474 | 324535 | 323876 | 323131 | 322614 | 323131 | 323876 | 324535 | 324911 | 324931 |
| G 10.0 | 241058 | 241756 | 240994 | 239887 | 240864 | 241315 | 241089 | 241052 | 241232 | 241336 | 241232 | 241052 | 241089 | 241756 | 241058 |
| G 15.0 | 154510 | 154432 | 154153 | 154102 | 154871 | 155285 | 155391 | 156384 | 157392 | 157937 | 157392 | 156384 | 155391 | 154432 | 154510 |
| G 20.0 | 106313 | 106656 | 106619 | 106378 | 106378 | 106229 | 106087 | 106760 | 107175 | 107283 | 107175 | 106760 | 106087 | 106656 | 106313 |
| G 25.0 | 75888 | 76048 | 76093 | 76156 | 76398 | 76196 | 75787 | 76082 | 76484 | 76625 | 76484 | 76082 | 75787 | 76048 | 75888 |
| G 30.0 | 64481 | 64355 | 64165 | 63990 | 63990 | 64056 | 64095 | 64111 | 64166 | 64270 | 64166 | 64111 | 64095 | 64355 | 64481 |
| G 35.0 | 54158 | 54104 | 54146 | 54195 | 53882 | 53842 | 54047 | 53885 | 53777 | 53936 | 53777 | 53885 | 54047 | 54104 | 54158 |
| G 40.0 | 21128 | 21362 | 21262 | 21167 | 21672 | 21765 | 21365 | 21418 | 21422 | 21207 | 21422 | 21418 | 21365 | 21362 | 21128 |
| G 45.0 | 3650 | 3739 | 3814 | 3865 | 3880 | 3833 | 3779 | 3822 | 3909 | 3994 | 3909 | 3822 | 3779 | 3739 | 3650 |
| G 50.0 | 898 | 898 | 939 | 1039 | 1067 | 987 | 898 | 931 | 922 | 803 | 922 | 931 | 898 | 898 | 898 |
| G 55.0 | 635 | 635 | 635 | 635 | 562 | 529 | 529 | 529 | 529 | 529 | 529 | 529 | 529 | 635 | 635 |
| G 60.0 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 |
| G 65.0 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 |
| G 70.0 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 |
| G 75.0 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 |
| G 80.0 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 |
| G 85.0 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 |
| G 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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|-----------------|----------|----------|----------|-----------------|----------|----------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|--------|
| Source Flux | | 1414 lm | | Maximum value | | 1148.50 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 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 |
| G 5.0 | 324474 | 324411 | 324535 | 324797 | 324911 | 324931 | 324911 | 324797 | 324535 | 324411 | 324474 | 324535 | 323876 | | |
| G 10.0 | 241315 | 240864 | 239887 | 240994 | 241756 | 241058 | 241756 | 240994 | 239887 | 240864 | 241315 | 241089 | 241052 | | |
| G 15.0 | 155285 | 154871 | 154102 | 154153 | 154432 | 154510 | 154432 | 154153 | 154102 | 154871 | 155285 | 155391 | 156384 | | |
| G 20.0 | 106229 | 106378 | 106378 | 106619 | 106656 | 106313 | 106656 | 106619 | 106378 | 106378 | 106229 | 106087 | 106760 | | |
| G 25.0 | 76196 | 76398 | 76156 | 76093 | 76048 | 75888 | 76048 | 76093 | 76156 | 76398 | 76196 | 75787 | 76082 | | |
| G 30.0 | 64056 | 63990 | 63990 | 64165 | 64355 | 64481 | 64355 | 64165 | 63990 | 63990 | 64056 | 64095 | 64111 | | |
| G 35.0 | 53842 | 53882 | 54195 | 54146 | 54104 | 54158 | 54104 | 54146 | 54195 | 53882 | 53842 | 54047 | 53885 | | |
| G 40.0 | 21765 | 21672 | 21167 | 21262 | 21362 | 21128 | 21362 | 21262 | 21167 | 21672 | 21765 | 21365 | 21418 | | |
| G 45.0 | 3833 | 3880 | 3865 | 3814 | 3739 | 3650 | 3739 | 3814 | 3865 | 3880 | 3833 | 3779 | 3822 | | |
| G 50.0 | 987 | 1067 | 1039 | 939 | 898 | 898 | 898 | 939 | 1039 | 1067 | 987 | 898 | 931 | | |
| G 55.0 | 529 | 562 | 635 | 635 | 635 | 635 | 635 | 635 | 635 | 562 | 529 | 529 | 529 | | |
| G 60.0 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | | |
| G 65.0 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | | |
| G 70.0 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | | |
| G 75.0 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | | |
| G 80.0 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | | |
| G 85.0 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | | |
| G 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | | |

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| Luminaire Flux | 1256 lm | Luminaire Power | 10.1 W | Efficacy | 124.012 lm/W | Efficiency | 88.84% |
| Source Flux | 1414 lm | Maximum value | 1148.50 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 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 | 348746 |
| G 5.0 | 323131 | 322614 | 323131 | 323876 | 324535 | 324474 | 324411 | 324535 | 324797 | 324911 |
| G 10.0 | 241232 | 241336 | 241232 | 241052 | 241089 | 241315 | 240864 | 239887 | 240994 | 241756 |
| G 15.0 | 157392 | 157937 | 157392 | 156384 | 155391 | 155285 | 154871 | 154102 | 154153 | 154432 |
| G 20.0 | 107175 | 107283 | 107175 | 106760 | 106087 | 106229 | 106378 | 106378 | 106619 | 106656 |
| G 25.0 | 76484 | 76625 | 76484 | 76082 | 75787 | 76196 | 76398 | 76156 | 76093 | 76048 |
| G 30.0 | 64166 | 64270 | 64166 | 64111 | 64095 | 64056 | 63990 | 63990 | 64165 | 64355 |
| G 35.0 | 53777 | 53936 | 53777 | 53885 | 54047 | 53842 | 53882 | 54195 | 54146 | 54104 |
| G 40.0 | 21422 | 21207 | 21422 | 21418 | 21365 | 21765 | 21672 | 21167 | 21262 | 21362 |
| G 45.0 | 3909 | 3994 | 3909 | 3822 | 3779 | 3833 | 3880 | 3865 | 3814 | 3739 |
| G 50.0 | 922 | 803 | 922 | 931 | 898 | 987 | 1067 | 1039 | 939 | 898 |
| G 55.0 | 529 | 529 | 529 | 529 | 529 | 529 | 562 | 635 | 635 | 635 |
| G 60.0 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 | 304 |
| G 65.0 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 | 359 |
| G 70.0 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 | 444 |
| G 75.0 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 | 587 |
| G 80.0 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 | 874 |
| G 85.0 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 | 1742 |
| G 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |