

Luminaire

Code 90646L150
Name ELI /W L150 PB 930 60° HO

Measurem.

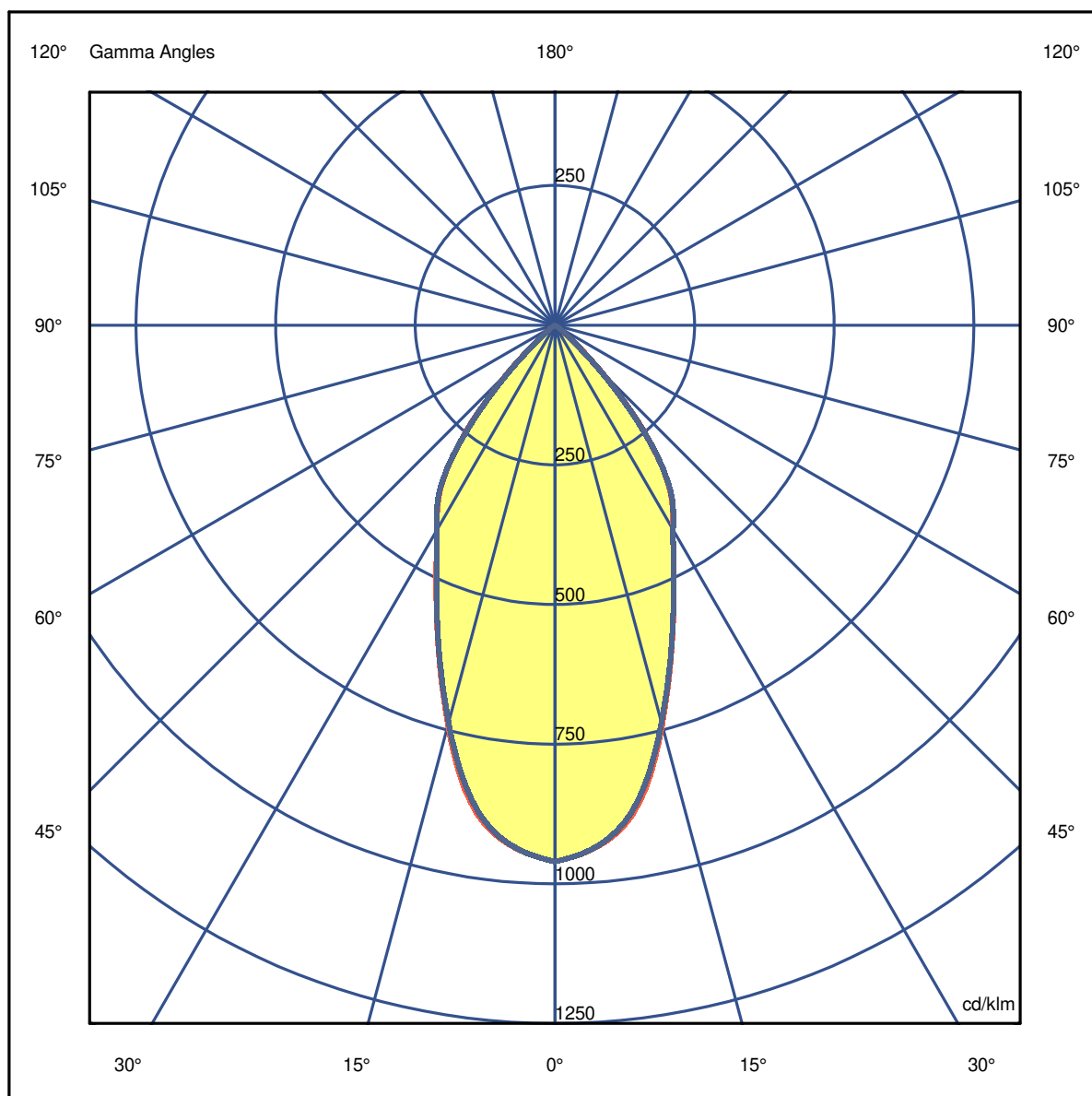
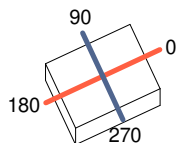
Code 5/9/2023
Name ELI /W L150 PB 930 60° HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1064 lm | Luminaire Power | 10.0 W | Efficacy | 106.052 lm/W | Efficiency | 85.16% |
| Source Flux | 1249 lm | Maximum value | 960.00 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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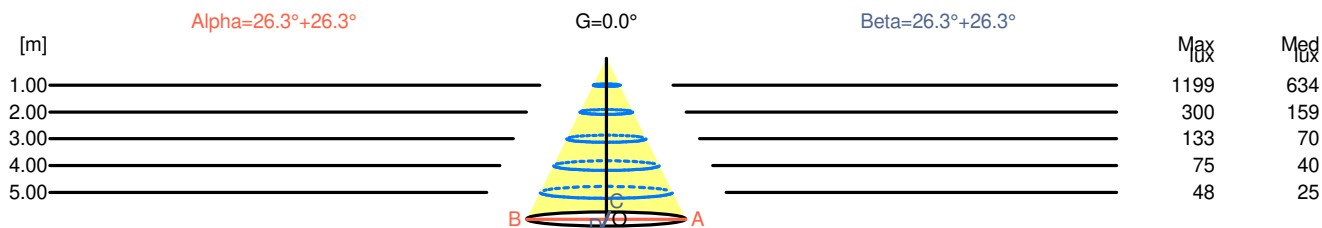
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| Source Flux | 1249 lm | Maximum value | 960.00 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

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 | 0.49 | 0.99 | 1.48 | 1.98 | 2.47 | OC | 0.49 | 0.99 | 1.48 | 1.97 | 2.47 |
| OB | 0.49 | 0.99 | 1.48 | 1.98 | 2.47 | OD | 0.49 | 0.99 | 1.48 | 1.97 | 2.47 |

| Luminous Intensities [cd/klm] | | | | | | | | | | |
|--------------------------------|---------|---------|--------|--------|--------|--------|-------|------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 1199.04 | 1166.32 | 925.51 | 629.50 | 447.64 | 139.51 | 13.49 | 0.75 | 0.75 | 0.75 |
| OB | 1199.04 | 1166.32 | 925.51 | 629.50 | 447.64 | 139.51 | 13.49 | 0.75 | 0.75 | 0.75 |
| OC | 1199.04 | 1164.94 | 919.51 | 628.12 | 449.52 | 138.26 | 14.49 | 0.75 | 0.75 | 0.75 |
| OD | 1199.04 | 1164.94 | 919.51 | 628.12 | 449.52 | 138.26 | 14.49 | 0.75 | 0.75 | 0.75 |



| H[m] | D[m] | Max lux | Med lux | Alpha=26.3°+26.3° | G=0.0 | |
|------|------|---------|---------|-------------------|-------|--|
| 1.00 | 0.99 | 1199 | 634 | | | |
| 2.00 | 1.98 | 300 | 159 | | | |
| 3.00 | 2.97 | 133 | 70 | | | |
| 4.00 | 3.95 | 75 | 40 | | | |
| 5.00 | 4.94 | 48 | 25 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=26.3°+26.3° | G=0.0 | |
|------|------|---------|---------|------------------|-------|--|
| 1.00 | 0.99 | 1199 | 634 | | | |
| 2.00 | 1.97 | 300 | 159 | | | |
| 3.00 | 2.96 | 133 | 70 | | | |
| 4.00 | 3.95 | 75 | 40 | | | |
| 5.00 | 4.93 | 48 | 25 | | | |

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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1064 lm | Luminaire Power | 10.0 W | Efficacy | 106.052 lm/W | Efficiency | 85.16% |
| Source Flux | 1249 lm | Maximum value | 960.00 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 | 18.8 | 19.6 | 19.1 | 19.8 | 20.0 | 18.8 | 19.5 | 19.1 | 19.8 | 20.0 |
| x=2H y=3H | 18.7 | 19.3 | 19.0 | 19.6 | 19.8 | 18.7 | 19.3 | 19.0 | 19.6 | 19.8 |
| x=2H y=4H | 18.6 | 19.2 | 18.9 | 19.5 | 19.7 | 18.6 | 19.2 | 18.9 | 19.5 | 19.7 |
| x=2H y=6H | 18.5 | 19.1 | 18.9 | 19.4 | 19.7 | 18.5 | 19.1 | 18.9 | 19.4 | 19.7 |
| x=2H y=8H | 18.5 | 19.0 | 18.8 | 19.3 | 19.6 | 18.5 | 19.0 | 18.8 | 19.3 | 19.6 |
| x=2H y=12H | 18.5 | 19.0 | 18.8 | 19.3 | 19.6 | 18.4 | 19.0 | 18.8 | 19.3 | 19.6 |
| x=4H y=2H | 18.6 | 19.2 | 18.9 | 19.5 | 19.7 | 18.6 | 19.2 | 18.9 | 19.5 | 19.7 |
| x=4H y=3H | 18.5 | 19.0 | 18.8 | 19.3 | 19.6 | 18.4 | 19.0 | 18.8 | 19.3 | 19.6 |
| x=4H y=4H | 18.4 | 18.8 | 18.8 | 19.2 | 19.5 | 18.4 | 18.8 | 18.8 | 19.2 | 19.5 |
| x=4H y=6H | 18.3 | 18.7 | 18.7 | 19.1 | 19.4 | 18.3 | 18.7 | 18.7 | 19.0 | 19.4 |
| x=4H y=8H | 18.3 | 18.6 | 18.7 | 19.0 | 19.4 | 18.3 | 18.6 | 18.7 | 19.0 | 19.4 |
| x=4H y=12H | 18.2 | 18.5 | 18.7 | 18.9 | 19.3 | 18.2 | 18.5 | 18.7 | 18.9 | 19.3 |
| x=8H y=4H | 18.3 | 18.6 | 18.7 | 19.0 | 19.4 | 18.3 | 18.6 | 18.7 | 19.0 | 19.4 |
| x=8H y=6H | 18.2 | 18.4 | 18.6 | 18.9 | 19.3 | 18.2 | 18.4 | 18.6 | 18.9 | 19.3 |
| x=8H y=8H | 18.1 | 18.3 | 18.6 | 18.8 | 19.3 | 18.1 | 18.3 | 18.6 | 18.8 | 19.3 |
| x=8H y=12H | 18.1 | 18.3 | 18.6 | 18.7 | 19.2 | 18.1 | 18.3 | 18.6 | 18.7 | 19.2 |
| x=12H y=4H | 18.2 | 18.5 | 18.7 | 18.9 | 19.3 | 18.2 | 18.5 | 18.7 | 18.9 | 19.3 |
| x=12H y=6H | 18.1 | 18.3 | 18.6 | 18.8 | 19.3 | 18.1 | 18.3 | 18.6 | 18.8 | 19.3 |
| x=12H y=8H | 18.1 | 18.3 | 18.6 | 18.7 | 19.2 | 18.1 | 18.3 | 18.6 | 18.7 | 19.2 |

Luminaire

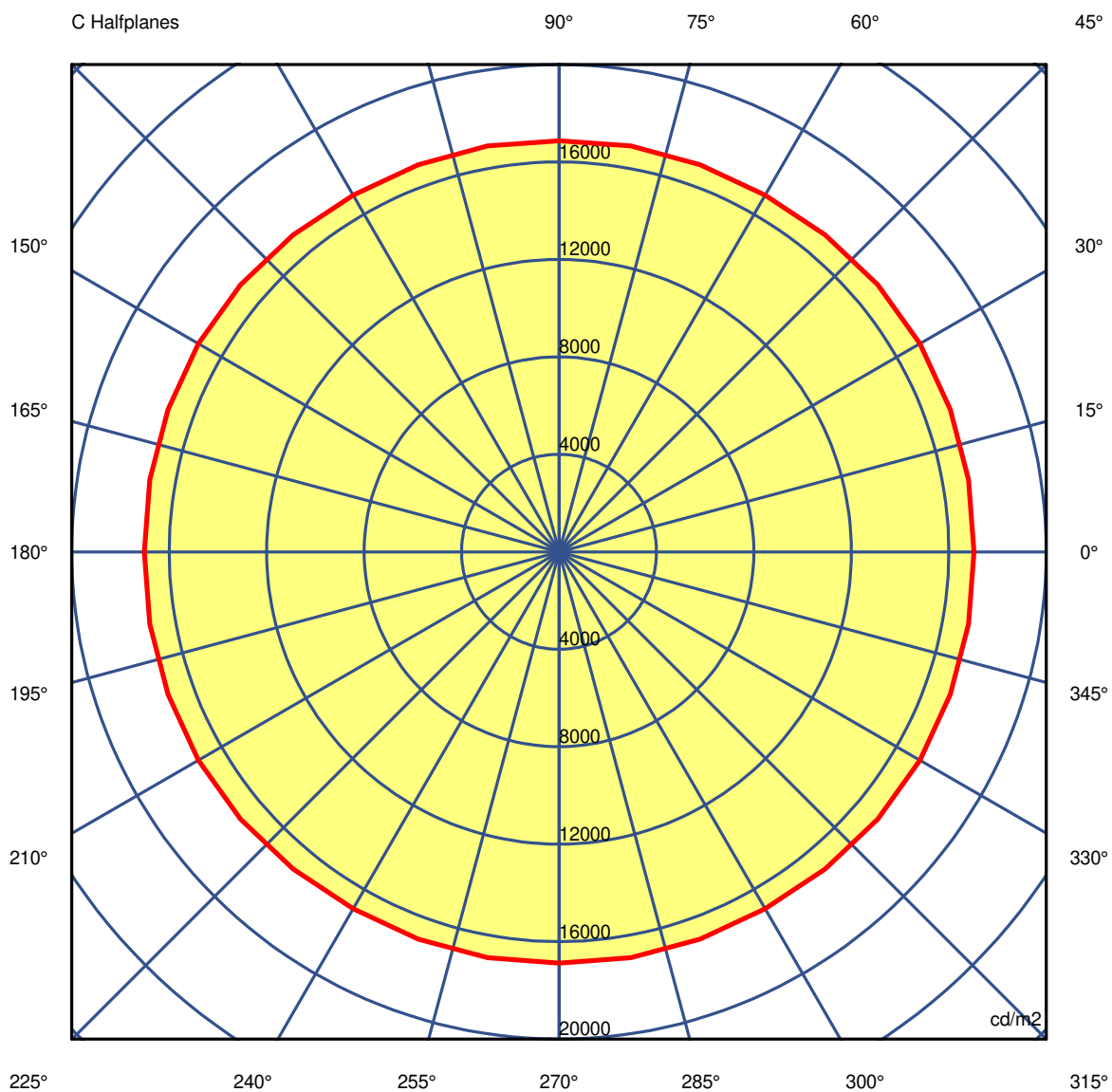
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|----------------|---------|-----------------|---------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 1064 lm | Luminaire Power | 10.0 W | Efficacy | 106.052 lm/W | Efficiency | 85.16% |
| Source Flux | 1249 lm | Maximum value | 960.00 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical | |

Luminance



Luminaire

Code 90646L150

Name ELI /W L150 PB 930 60° HO

Measurement

Code 5/9/2023

Name ELI /W L150 PB 930 60° HO

| Luminaire Flux | 1064 lm | | Luminaire Power | | 10.0 W | | Efficacy | | 106.052 lm/W | | Efficiency | | 85.16% | |
|-----------------|---------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Source Flux | 1249 lm | | Maximum value | | 960.00 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 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | |
| G 5.0 | 222457 | 222372 | 222425 | 222504 | 222228 | 222210 | 222457 | 222380 | 222232 | 222194 | 222232 | 222380 | 222457 | |
| G 10.0 | 187244 | 187230 | 187164 | 186942 | 186656 | 186642 | 186748 | 186479 | 186155 | 185972 | 186155 | 186479 | 186748 | |
| G 15.0 | 147103 | 146951 | 146887 | 146845 | 146691 | 146604 | 146587 | 146455 | 146289 | 146150 | 146289 | 146455 | 146587 | |
| G 20.0 | 113088 | 113063 | 113038 | 113032 | 113069 | 113097 | 113088 | 113056 | 113004 | 112940 | 113004 | 113056 | 113088 | |
| G 25.0 | 88053 | 87915 | 87924 | 87965 | 87800 | 87721 | 87721 | 87675 | 87704 | 87861 | 87704 | 87675 | 87721 | |
| G 30.0 | 70315 | 70360 | 70448 | 70481 | 70319 | 70185 | 70198 | 70283 | 70374 | 70448 | 70374 | 70283 | 70198 | |
| G 35.0 | 57468 | 57490 | 57563 | 57661 | 57588 | 57549 | 57613 | 57650 | 57674 | 57709 | 57674 | 57650 | 57613 | |
| G 40.0 | 38443 | 38579 | 38615 | 38568 | 38533 | 38461 | 38427 | 38564 | 38550 | 38287 | 38550 | 38564 | 38427 | |
| G 45.0 | 17028 | 17058 | 17090 | 17105 | 17067 | 16981 | 16906 | 16913 | 16916 | 16876 | 16916 | 16913 | 16906 | |
| G 50.0 | 4228 | 4270 | 4345 | 4393 | 4316 | 4209 | 4182 | 4279 | 4412 | 4528 | 4412 | 4279 | 4182 | |
| G 55.0 | 1616 | 1565 | 1652 | 1781 | 1722 | 1612 | 1571 | 1601 | 1664 | 1736 | 1664 | 1601 | 1571 | |
| G 60.0 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | |
| G 65.0 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | |
| G 70.0 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | |
| G 75.0 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | |
| G 80.0 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | |
| G 85.0 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | |
| G 90.0 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | |

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|-----------------|--------|----------|--------|-----------------|--------|---------------|--------|----------|--------|---------------|--------|------------|--------|--------------------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
| Source Flux | | 1249 lm | | Maximum value | | 960.00 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 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 |
| G 5.0 | 222210 | 222228 | 222504 | 222425 | 222372 | 222457 | 222372 | 222425 | 222504 | 222228 | 222210 | 222457 | 222380 | | | | | | | | | | | | |
| G 10.0 | 186642 | 186656 | 186942 | 187164 | 187230 | 187244 | 187230 | 187164 | 186942 | 186656 | 186642 | 186748 | 186479 | | | | | | | | | | | | |
| G 15.0 | 146604 | 146691 | 146845 | 146887 | 146951 | 147103 | 146951 | 146887 | 146845 | 146691 | 146604 | 146587 | 146455 | | | | | | | | | | | | |
| G 20.0 | 113097 | 113069 | 113032 | 113038 | 113063 | 113088 | 113063 | 113038 | 113032 | 113069 | 113097 | 113088 | 113056 | | | | | | | | | | | | |
| G 25.0 | 87721 | 87800 | 87965 | 87924 | 87915 | 88053 | 87915 | 87924 | 87965 | 87800 | 87721 | 87721 | 87675 | | | | | | | | | | | | |
| G 30.0 | 70185 | 70319 | 70481 | 70448 | 70360 | 70315 | 70360 | 70448 | 70481 | 70319 | 70185 | 70198 | 70283 | | | | | | | | | | | | |
| G 35.0 | 57549 | 57588 | 57661 | 57563 | 57490 | 57468 | 57490 | 57563 | 57661 | 57588 | 57549 | 57613 | 57650 | | | | | | | | | | | | |
| G 40.0 | 38461 | 38533 | 38568 | 38615 | 38579 | 38443 | 38579 | 38615 | 38568 | 38533 | 38461 | 38427 | 38564 | | | | | | | | | | | | |
| G 45.0 | 16981 | 17067 | 17105 | 17090 | 17058 | 17028 | 17058 | 17090 | 17105 | 17067 | 16981 | 16906 | 16913 | | | | | | | | | | | | |
| G 50.0 | 4209 | 4316 | 4393 | 4345 | 4270 | 4228 | 4270 | 4345 | 4393 | 4316 | 4209 | 4182 | 4279 | | | | | | | | | | | | |
| G 55.0 | 1612 | 1722 | 1781 | 1652 | 1565 | 1616 | 1565 | 1652 | 1781 | 1722 | 1612 | 1571 | 1601 | | | | | | | | | | | | |
| G 60.0 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | | | | | | | | | | | | |
| G 65.0 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | | | | | | | | | | | | |
| G 70.0 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | | | | | | | | | | | | |
| G 75.0 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | | | | | | | | | | | | |
| G 80.0 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | | | | | | | | | | | | |
| G 85.0 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | | | | | | | | | | | | |
| G 90.0 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | | | | | | | | | | | | |

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| Luminaire Flux | 1064 lm | Luminaire Power | 10.0 W | Efficacy | 106.052 lm/W | Efficiency | 85.16% |
| Source Flux | 1249 lm | Maximum value | 960.00 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 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 | 257491 |
| G 5.0 | 222232 | 222194 | 222232 | 222380 | 222457 | 222210 | 222228 | 222504 | 222425 | 222372 |
| G 10.0 | 186155 | 185972 | 186155 | 186479 | 186748 | 186642 | 186656 | 186942 | 187164 | 187230 |
| G 15.0 | 146289 | 146150 | 146289 | 146455 | 146587 | 146604 | 146691 | 146845 | 146887 | 146951 |
| G 20.0 | 113004 | 112940 | 113004 | 113056 | 113088 | 113097 | 113069 | 113032 | 113038 | 113063 |
| G 25.0 | 87704 | 87861 | 87704 | 87675 | 87721 | 87721 | 87800 | 87965 | 87924 | 87915 |
| G 30.0 | 70374 | 70448 | 70374 | 70283 | 70198 | 70185 | 70319 | 70481 | 70448 | 70360 |
| G 35.0 | 57674 | 57709 | 57674 | 57650 | 57613 | 57549 | 57588 | 57661 | 57563 | 57490 |
| G 40.0 | 38550 | 38287 | 38550 | 38564 | 38427 | 38461 | 38533 | 38568 | 38615 | 38579 |
| G 45.0 | 16916 | 16876 | 16916 | 16913 | 16906 | 16981 | 17067 | 17105 | 17090 | 17058 |
| G 50.0 | 4412 | 4528 | 4412 | 4279 | 4182 | 4209 | 4316 | 4393 | 4345 | 4270 |
| G 55.0 | 1664 | 1736 | 1664 | 1601 | 1571 | 1612 | 1722 | 1781 | 1652 | 1565 |
| G 60.0 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 | 165 |
| G 65.0 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| G 70.0 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 | 92 |
| G 75.0 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 | 95 |
| G 80.0 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 | 98 |
| G 85.0 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 | 103 |
| G 90.0 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 |