

Luminaire

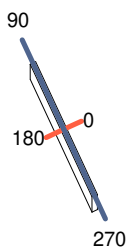
Code 90541L010-98
Name CONCEPT LINEA 35 L1405 BFLEX 830 MID/END

Measurem.

Code 31/7/2023
Name CONCEPT LINEA 35 L1405 BFLEX 830 MID/END

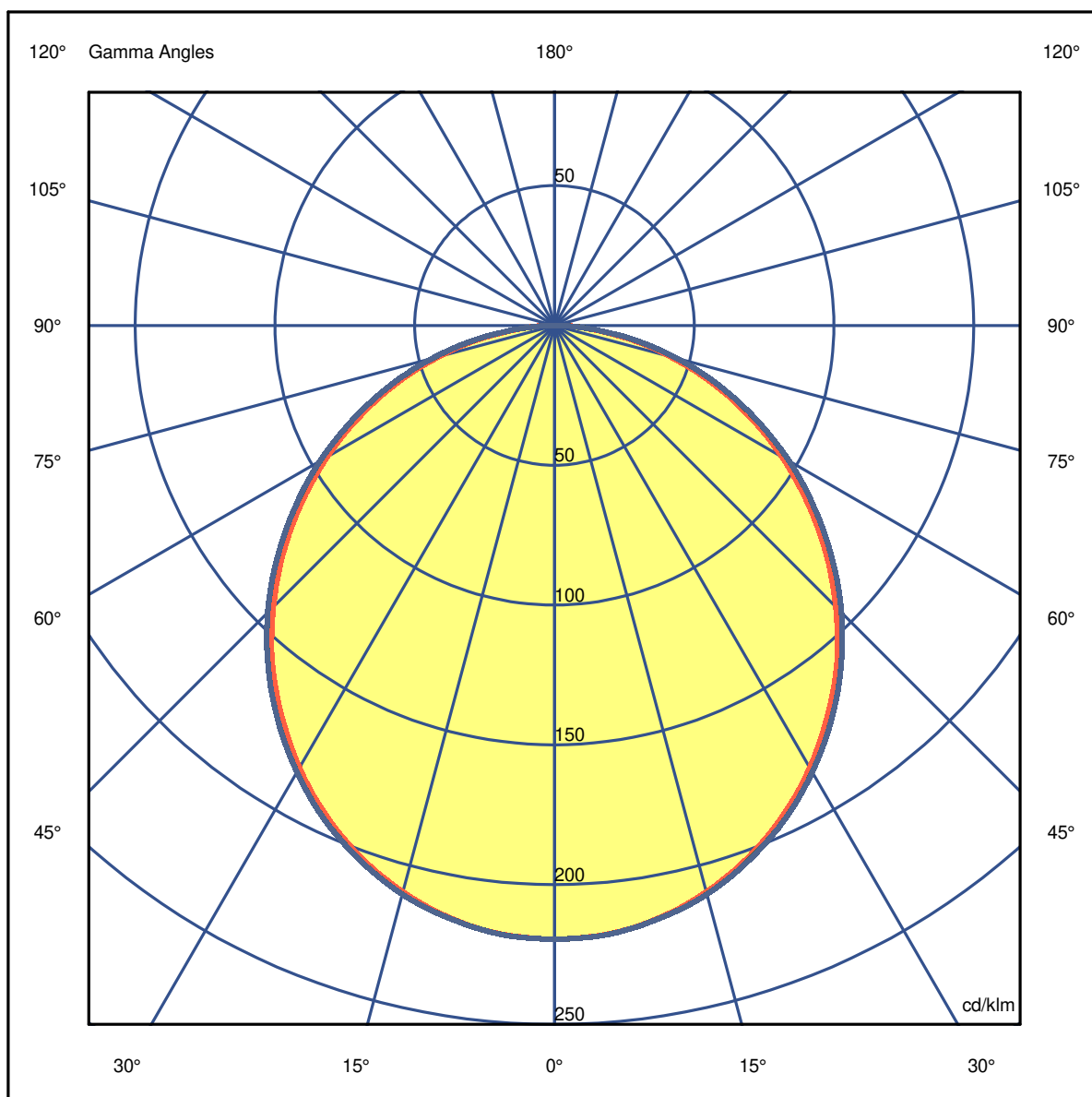
| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 3981 lm | Luminaire Power | 44.2 W | Efficacy | 90.118 lm/W | Efficiency | 62.59% |
| Source Flux | 6360 lm | Maximum value | 219.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

1405mm x 55mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



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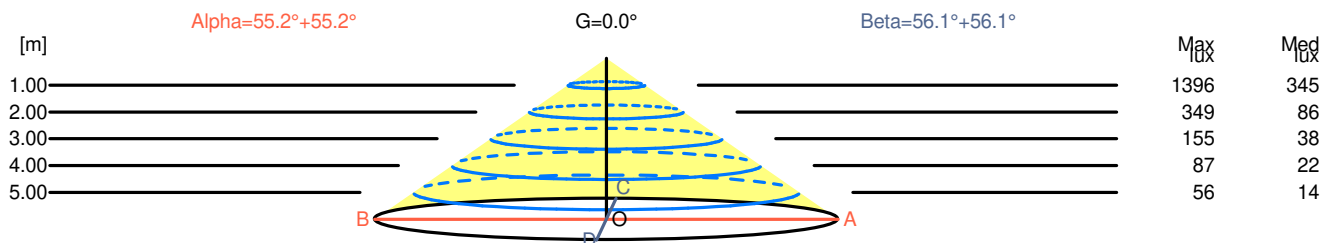
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 3981 lm | Luminaire Power | 44.2 W | Efficacy | 90.118 lm/W | Efficiency | 62.59% |
| Source Flux | 6360 lm | Maximum value | 219.50 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 | 2.88 | 4.32 | 5.76 | 7.20 | OC | 1.49 | 2.98 | 4.47 | 5.96 | 7.45 |
| OB | 1.44 | 2.88 | 4.32 | 5.76 | 7.20 | OD | 1.49 | 2.98 | 4.47 | 5.96 | 7.45 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|---------|---------|---------|---------|---------|--------|--------|--------|--------|-------|
| OA | 1396.02 | 1389.66 | 1333.69 | 1230.02 | 1083.11 | 905.03 | 702.78 | 489.08 | 272.84 | 74.41 |
| OB | 1396.02 | 1389.66 | 1333.69 | 1230.02 | 1083.11 | 905.03 | 702.78 | 489.08 | 272.84 | 74.41 |
| OC | 1396.02 | 1390.30 | 1339.42 | 1239.56 | 1097.74 | 923.47 | 721.22 | 506.26 | 288.11 | 75.68 |
| OD | 1396.02 | 1390.30 | 1339.42 | 1239.56 | 1097.74 | 923.47 | 721.22 | 506.26 | 288.11 | 75.68 |



| H[m] | D[m] | Max lux | Med lux | Alpha=55.2°+55.2° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.88 | 1396 | 345 | | |
| 2.00 | 5.76 | 349 | 86 | | |
| 3.00 | 8.64 | 155 | 38 | | |
| 4.00 | 11.52 | 87 | 22 | | |
| 5.00 | 14.40 | 56 | 14 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=56.1°+56.1° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.98 | 1396 | 345 | | |
| 2.00 | 5.96 | 349 | 86 | | |
| 3.00 | 8.94 | 155 | 38 | | |
| 4.00 | 11.91 | 87 | 22 | | |
| 5.00 | 14.89 | 56 | 14 | | |

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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 3981 lm | Luminaire Power | 44.2 W | Efficacy | 90.118 lm/W | Efficiency | 62.59% |
| Source Flux | 6360 lm | Maximum value | 219.50 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 | 20.1 | 21.4 | 20.3 | 21.6 | 21.9 | 22.5 | 23.9 | 22.8 | 24.1 | 24.3 |
| x=2H y=3H | 21.1 | 22.3 | 21.4 | 22.6 | 22.9 | 24.1 | 25.4 | 24.4 | 25.6 | 25.9 |
| x=2H y=4H | 21.4 | 22.6 | 21.8 | 22.9 | 23.1 | 24.8 | 25.9 | 25.1 | 26.2 | 26.5 |
| x=2H y=6H | 21.6 | 22.7 | 22.0 | 23.0 | 23.3 | 25.3 | 26.3 | 25.6 | 26.6 | 26.9 |
| x=2H y=8H | 21.6 | 22.7 | 22.0 | 23.0 | 23.3 | 25.4 | 26.4 | 25.8 | 26.7 | 27.1 |
| x=2H y=12H | 21.6 | 22.6 | 22.0 | 23.0 | 23.3 | 25.5 | 26.5 | 25.9 | 26.8 | 27.2 |
| x=4H y=2H | 20.7 | 21.9 | 21.1 | 22.2 | 22.4 | 22.7 | 23.9 | 23.1 | 24.2 | 24.5 |
| x=4H y=3H | 21.9 | 22.9 | 22.3 | 23.2 | 23.6 | 24.5 | 25.5 | 24.8 | 25.8 | 26.1 |
| x=4H y=4H | 22.4 | 23.2 | 22.8 | 23.6 | 23.9 | 25.2 | 26.1 | 25.6 | 26.4 | 26.8 |
| x=4H y=6H | 22.6 | 23.4 | 23.0 | 23.8 | 24.2 | 25.8 | 26.6 | 26.2 | 26.9 | 27.3 |
| x=4H y=8H | 22.7 | 23.4 | 23.1 | 23.8 | 24.2 | 26.0 | 26.7 | 26.4 | 27.1 | 27.5 |
| x=4H y=12H | 22.7 | 23.4 | 23.2 | 23.8 | 24.2 | 26.1 | 26.7 | 26.6 | 27.2 | 27.6 |
| x=8H y=4H | 22.6 | 23.3 | 23.1 | 23.7 | 24.1 | 25.3 | 26.0 | 25.7 | 26.4 | 26.8 |
| x=8H y=6H | 23.0 | 23.5 | 23.4 | 24.0 | 24.4 | 25.9 | 26.5 | 26.4 | 26.9 | 27.4 |
| x=8H y=8H | 23.1 | 23.6 | 23.5 | 24.0 | 24.5 | 26.1 | 26.7 | 26.6 | 27.1 | 27.6 |
| x=8H y=12H | 23.1 | 23.6 | 23.6 | 24.0 | 24.5 | 26.3 | 26.7 | 26.8 | 27.2 | 27.7 |
| x=12H y=4H | 22.6 | 23.3 | 23.1 | 23.7 | 24.1 | 25.3 | 25.9 | 25.7 | 26.3 | 26.7 |
| x=12H y=6H | 23.0 | 23.5 | 23.5 | 24.0 | 24.4 | 25.9 | 26.4 | 26.4 | 26.9 | 27.3 |
| x=12H y=8H | 23.1 | 23.6 | 23.6 | 24.0 | 24.5 | 26.1 | 26.6 | 26.6 | 27.0 | 27.6 |

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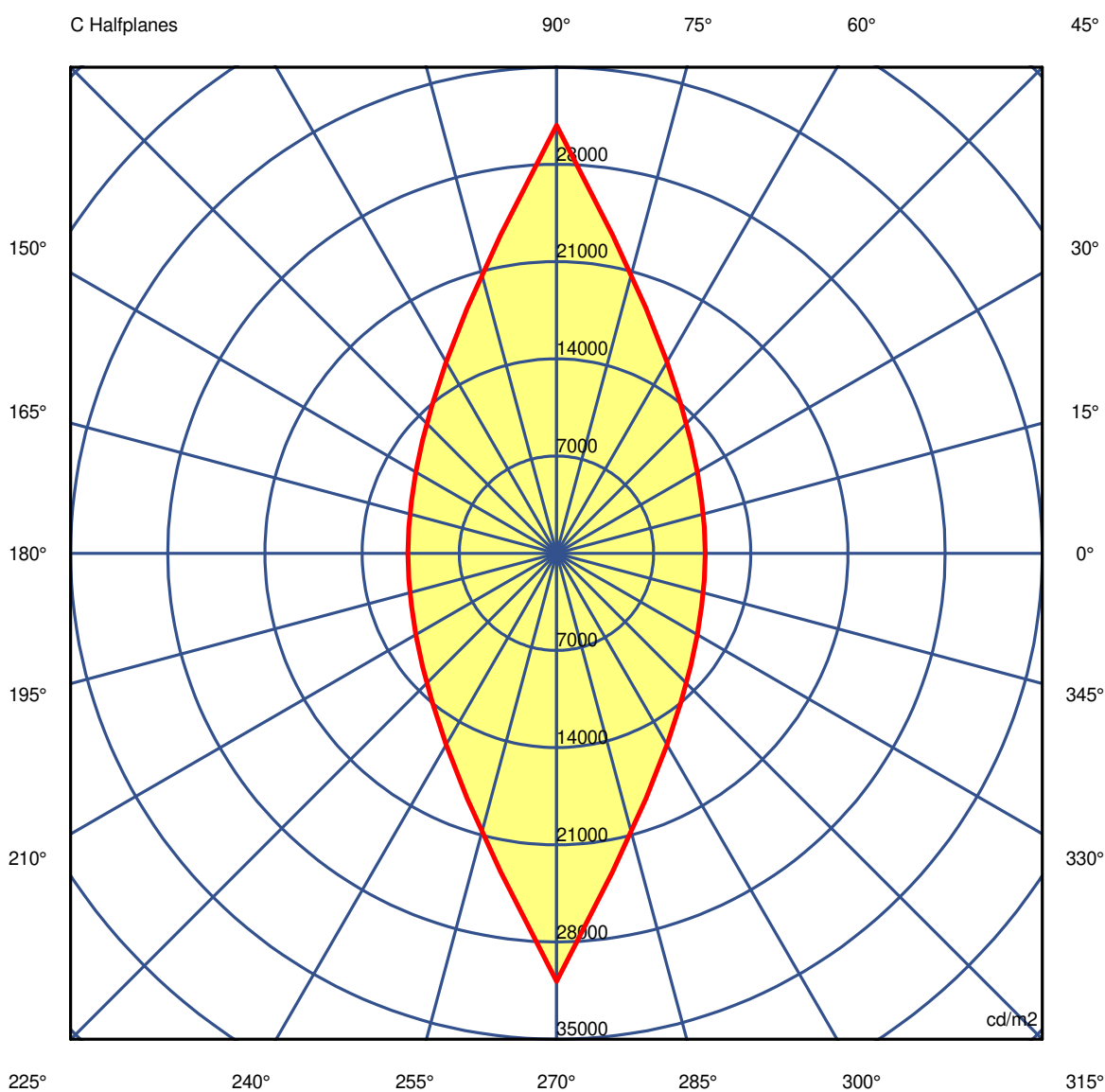
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|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 3981 lm | Luminaire Power | 44.2 W | Efficacy | 90.118 lm/W | Efficiency | 62.59% |
| Source Flux | 6360 lm | Maximum value | 219.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



45.0°

Luminaire

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| Luminaire Flux | 3981 lm | | Luminaire Power | | 44.2 W | | Efficacy | | 90.118 lm/W | | Efficiency | | 62.59% | |
|-----------------|---------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Source Flux | 6360 lm | | Maximum value | | 219.50 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 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | |
| G 5.0 | 29288 | 29326 | 29502 | 29808 | 30216 | 30775 | 31482 | 32280 | 33165 | 34133 | 33165 | 32280 | 31482 | |
| G 10.0 | 25445 | 25500 | 25774 | 26258 | 26933 | 27844 | 29010 | 30410 | 32039 | 33903 | 32039 | 30410 | 29010 | |
| G 15.0 | 22332 | 22408 | 22746 | 23338 | 24161 | 25302 | 26802 | 28643 | 30905 | 33673 | 30905 | 28643 | 26802 | |
| G 20.0 | 19754 | 19849 | 20198 | 20816 | 21743 | 23035 | 24746 | 26938 | 29738 | 33320 | 29738 | 26938 | 24746 | |
| G 25.0 | 17527 | 17624 | 17987 | 18637 | 19597 | 20960 | 22822 | 25277 | 28545 | 32955 | 28545 | 25277 | 22822 | |
| G 30.0 | 15562 | 15647 | 16013 | 16675 | 17651 | 19046 | 20991 | 23648 | 27310 | 32489 | 27310 | 23648 | 20991 | |
| G 35.0 | 13797 | 13899 | 14257 | 14896 | 15869 | 17279 | 19266 | 22041 | 26026 | 31997 | 26026 | 22041 | 19266 | |
| G 40.0 | 12224 | 12284 | 12617 | 13245 | 14188 | 15566 | 17550 | 20401 | 24660 | 31429 | 24660 | 20401 | 17550 | |
| G 45.0 | 10717 | 10800 | 11114 | 11701 | 12609 | 13949 | 15905 | 18800 | 23280 | 30824 | 23280 | 18800 | 15905 | |
| G 50.0 | 9327 | 9392 | 9692 | 10247 | 11086 | 12355 | 14259 | 17123 | 21727 | 30045 | 21727 | 17123 | 14259 | |
| G 55.0 | 8002 | 8074 | 8343 | 8841 | 9624 | 10811 | 12608 | 15404 | 20089 | 29199 | 20089 | 15404 | 12608 | |
| G 60.0 | 6754 | 6815 | 7053 | 7505 | 8206 | 9288 | 10958 | 13606 | 18282 | 28297 | 18282 | 13606 | 10958 | |
| G 65.0 | 5525 | 5581 | 5784 | 6168 | 6793 | 7752 | 9244 | 11717 | 16287 | 27085 | 16287 | 11717 | 9244 | |
| G 70.0 | 4336 | 4378 | 4549 | 4879 | 5395 | 6214 | 7526 | 9715 | 14016 | 25750 | 14016 | 9715 | 7526 | |
| G 75.0 | 3153 | 3190 | 3333 | 3603 | 3993 | 4632 | 5697 | 7506 | 11316 | 23783 | 11316 | 7506 | 5697 | |
| G 80.0 | 2008 | 2012 | 2111 | 2307 | 2578 | 3014 | 3759 | 5089 | 8094 | 20675 | 8094 | 5089 | 3759 | |
| G 85.0 | 908 | 908 | 958 | 1056 | 1187 | 1406 | 1787 | 2456 | 4101 | 14642 | 4101 | 2456 | 1787 | |
| G 90.0 | 267 | 193 | 200 | 258 | 260 | 310 | 453 | 569 | 945 | 8616 | 945 | 569 | 453 | |

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| Luminaire Flux | 3981 lm | | Luminaire Power | | 44.2 W | | Efficacy | | 90.118 lm/W | | Efficiency | | 62.59% | |
|-----------------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|--|
| Source Flux | 6360 lm | | Maximum value | | 219.50 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 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | |
| G 5.0 | 30775 | 30216 | 29808 | 29502 | 29326 | 29288 | 29326 | 29502 | 29808 | 30216 | 30775 | 31482 | 32280 | |
| G 10.0 | 27844 | 26933 | 26258 | 25774 | 25500 | 25445 | 25500 | 25774 | 26258 | 26933 | 27844 | 29010 | 30410 | |
| G 15.0 | 25302 | 24161 | 23338 | 22746 | 22408 | 22332 | 22408 | 22746 | 23338 | 24161 | 25302 | 26802 | 28643 | |
| G 20.0 | 23035 | 21743 | 20816 | 20198 | 19849 | 19754 | 19849 | 20198 | 20816 | 21743 | 23035 | 24746 | 26938 | |
| G 25.0 | 20960 | 19597 | 18637 | 17987 | 17624 | 17527 | 17624 | 17987 | 18637 | 19597 | 20960 | 22822 | 25277 | |
| G 30.0 | 19046 | 17651 | 16675 | 16013 | 15647 | 15562 | 15647 | 16013 | 16675 | 17651 | 19046 | 20991 | 23648 | |
| G 35.0 | 17279 | 15869 | 14896 | 14257 | 13899 | 13797 | 13899 | 14257 | 14896 | 15869 | 17279 | 19266 | 22041 | |
| G 40.0 | 15566 | 14188 | 13245 | 12617 | 12284 | 12224 | 12284 | 12617 | 13245 | 14188 | 15566 | 17550 | 20401 | |
| G 45.0 | 13949 | 12609 | 11701 | 11114 | 10800 | 10717 | 10800 | 11114 | 11701 | 12609 | 13949 | 15905 | 18800 | |
| G 50.0 | 12355 | 11086 | 10247 | 9692 | 9392 | 9327 | 9392 | 9692 | 10247 | 11086 | 12355 | 14259 | 17123 | |
| G 55.0 | 10811 | 9624 | 8841 | 8343 | 8074 | 8002 | 8074 | 8343 | 8841 | 9624 | 10811 | 12608 | 15404 | |
| G 60.0 | 9288 | 8206 | 7505 | 7053 | 6815 | 6754 | 6815 | 7053 | 7505 | 8206 | 9288 | 10958 | 13606 | |
| G 65.0 | 7752 | 6793 | 6168 | 5784 | 5581 | 5525 | 5581 | 5784 | 6168 | 6793 | 7752 | 9244 | 11717 | |
| G 70.0 | 6214 | 5395 | 4879 | 4549 | 4378 | 4336 | 4378 | 4549 | 4879 | 5395 | 6214 | 7526 | 9715 | |
| G 75.0 | 4632 | 3993 | 3603 | 3333 | 3190 | 3153 | 3190 | 3333 | 3603 | 3993 | 4632 | 5697 | 7506 | |
| G 80.0 | 3014 | 2578 | 2307 | 2111 | 2012 | 2008 | 2012 | 2111 | 2307 | 2578 | 3014 | 3759 | 5089 | |
| G 85.0 | 1406 | 1187 | 1056 | 958 | 908 | 908 | 908 | 958 | 1056 | 1187 | 1406 | 1787 | 2456 | |
| G 90.0 | 310 | 260 | 258 | 200 | 193 | 267 | 193 | 200 | 258 | 260 | 310 | 453 | 569 | |

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| Luminaire Flux | 3981 lm | Luminaire Power | 44.2 W | Efficacy | 90.118 lm/W | Efficiency | 62.59% |
| Source Flux | 6360 lm | Maximum value | 219.50 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 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 | 34262 |
| G 5.0 | 33165 | 34133 | 33165 | 32280 | 31482 | 30775 | 30216 | 29808 | 29502 | 29326 |
| G 10.0 | 32039 | 33903 | 32039 | 30410 | 29010 | 27844 | 26933 | 26258 | 25774 | 25500 |
| G 15.0 | 30905 | 33673 | 30905 | 28643 | 26802 | 25302 | 24161 | 23338 | 22746 | 22408 |
| G 20.0 | 29738 | 33320 | 29738 | 26938 | 24746 | 23035 | 21743 | 20816 | 20198 | 19849 |
| G 25.0 | 28545 | 32955 | 28545 | 25277 | 22822 | 20960 | 19597 | 18637 | 17987 | 17624 |
| G 30.0 | 27310 | 32489 | 27310 | 23648 | 20991 | 19046 | 17651 | 16675 | 16013 | 15647 |
| G 35.0 | 26026 | 31997 | 26026 | 22041 | 19266 | 17279 | 15869 | 14896 | 14257 | 13899 |
| G 40.0 | 24660 | 31429 | 24660 | 20401 | 17550 | 15566 | 14188 | 13245 | 12617 | 12284 |
| G 45.0 | 23280 | 30824 | 23280 | 18800 | 15905 | 13949 | 12609 | 11701 | 11114 | 10800 |
| G 50.0 | 21727 | 30045 | 21727 | 17123 | 14259 | 12355 | 11086 | 10247 | 9692 | 9392 |
| G 55.0 | 20089 | 29199 | 20089 | 15404 | 12608 | 10811 | 9624 | 8841 | 8343 | 8074 |
| G 60.0 | 18282 | 28297 | 18282 | 13606 | 10958 | 9288 | 8206 | 7505 | 7053 | 6815 |
| G 65.0 | 16287 | 27085 | 16287 | 11717 | 9244 | 7752 | 6793 | 6168 | 5784 | 5581 |
| G 70.0 | 14016 | 25750 | 14016 | 9715 | 7526 | 6214 | 5395 | 4879 | 4549 | 4378 |
| G 75.0 | 11316 | 23783 | 11316 | 7506 | 5697 | 4632 | 3993 | 3603 | 3333 | 3190 |
| G 80.0 | 8094 | 20675 | 8094 | 5089 | 3759 | 3014 | 2578 | 2307 | 2111 | 2012 |
| G 85.0 | 4101 | 14642 | 4101 | 2456 | 1787 | 1406 | 1187 | 1056 | 958 | 908 |
| G 90.0 | 945 | 8616 | 945 | 569 | 453 | 310 | 260 | 258 | 200 | 193 |