

Luminaire

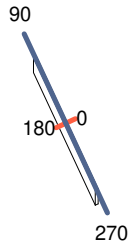
Code 90542L018-49
Name CONCEPT LINEA 35 D/I L2529 BFLEX 840 SRT

Measurement

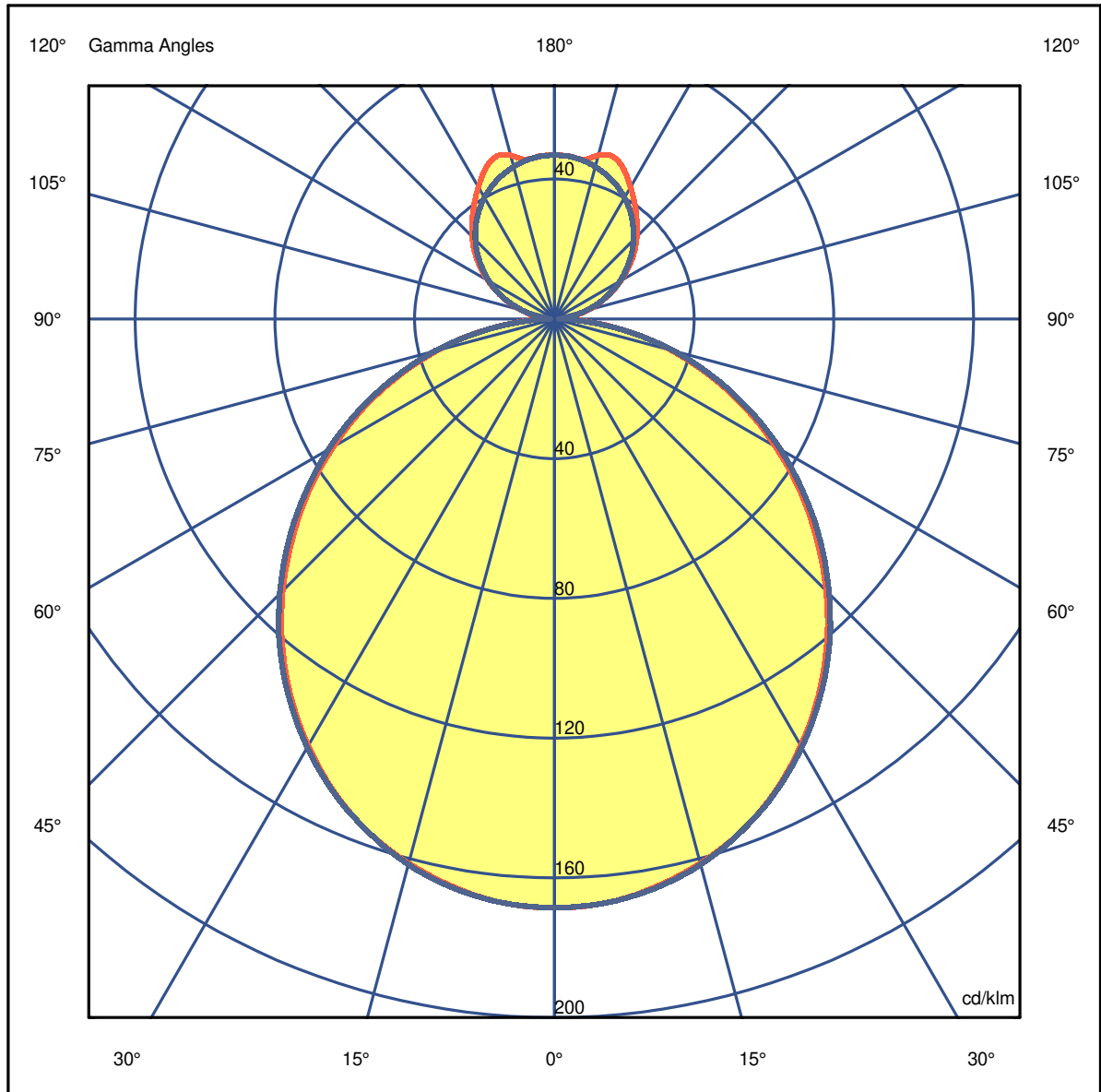
Code 31/7/2023
Name CONCEPT LINEA 35 D/I L2529 BFLEX 840 SRT

| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 9552 lm | Luminaire Power | 93.6 W | Efficacy | 102.072 lm/W | Efficiency | 63.40% |
| Source Flux | 15065 lm | Maximum value | 168.60 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

2529mm x 55mm



C Halfplanes



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Measurem.

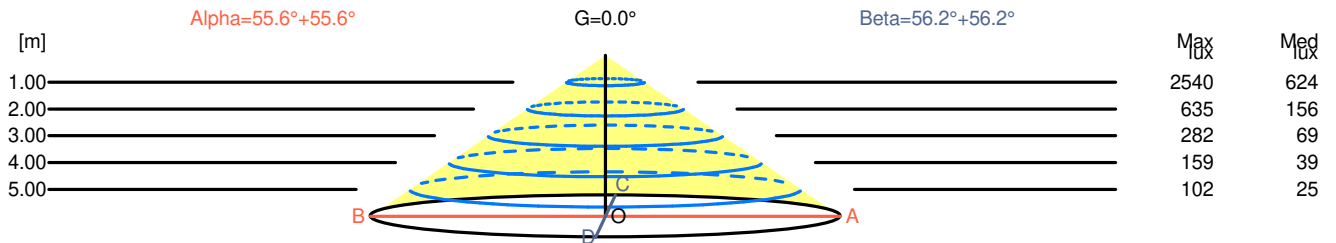
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 Name CONCEPT LINEA 35 D/I L2529 BFLEX 840 SRT

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 9552 lm | Luminaire Power | 93.6 W | Efficacy | 102.072 lm/W | Efficiency | 63.40% |
| Source Flux | 15065 lm | Maximum value | 168.60 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 | 1.46 | 2.92 | 4.38 | 5.84 | 7.30 | OC | 1.49 | 2.98 | 4.47 | 5.97 | 7.46 |
| OB | 1.46 | 2.92 | 4.38 | 5.84 | 7.30 | OD | 1.49 | 2.98 | 4.47 | 5.97 | 7.46 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 2539.96 | 2527.91 | 2429.98 | 2250.71 | 1984.06 | 1657.15 | 1292.58 | 909.93 | 524.26 | 158.18 |
| OB | 2539.96 | 2527.91 | 2429.98 | 2250.71 | 1984.06 | 1657.15 | 1292.58 | 909.93 | 524.26 | 158.18 |
| OC | 2539.96 | 2527.91 | 2436.01 | 2253.72 | 1996.11 | 1675.23 | 1313.67 | 928.00 | 533.30 | 146.13 |
| OD | 2539.96 | 2527.91 | 2436.01 | 2253.72 | 1996.11 | 1675.23 | 1313.67 | 928.00 | 533.30 | 146.13 |



| H[m] | D[m] | Max lux | Med lux | Alpha=55.6°+55.6° | G=0.0 |
|------|-------|---------|---------|-------------------|-------|
| 1.00 | 2.92 | 2540 | 624 | | |
| 2.00 | 5.84 | 635 | 156 | | |
| 3.00 | 8.76 | 282 | 69 | | |
| 4.00 | 11.68 | 159 | 39 | | |
| 5.00 | 14.60 | 102 | 25 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=56.2°+56.2° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.98 | 2540 | 624 | | |
| 2.00 | 5.97 | 635 | 156 | | |
| 3.00 | 8.95 | 282 | 69 | | |
| 4.00 | 11.93 | 159 | 39 | | |
| 5.00 | 14.92 | 102 | 25 | | |

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| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 9552 lm | Luminaire Power | 93.6 W | Efficacy | 102.072 lm/W | Efficiency | 63.40% |
| Source Flux | 15065 lm | Maximum value | 168.60 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 | 18.7 | 19.8 | 19.3 | 20.4 | 21.0 | 21.2 | 22.2 | 21.8 | 22.8 | 23.5 |
| x=2H y=3H | 19.7 | 20.7 | 20.4 | 21.3 | 22.0 | 22.8 | 23.7 | 23.4 | 24.3 | 25.1 |
| x=2H y=4H | 20.1 | 21.0 | 20.7 | 21.6 | 22.4 | 23.4 | 24.3 | 24.1 | 25.0 | 25.7 |
| x=2H y=6H | 20.3 | 21.1 | 20.9 | 21.7 | 22.5 | 23.9 | 24.7 | 24.6 | 25.4 | 26.2 |
| x=2H y=8H | 20.3 | 21.1 | 21.0 | 21.7 | 22.5 | 24.1 | 24.9 | 24.7 | 25.5 | 26.3 |
| x=2H y=12H | 20.3 | 21.0 | 21.0 | 21.7 | 22.5 | 24.2 | 24.9 | 24.9 | 25.6 | 26.4 |
| x=4H y=2H | 19.3 | 20.2 | 20.0 | 20.8 | 21.6 | 21.4 | 22.2 | 22.0 | 22.9 | 23.6 |
| x=4H y=3H | 20.5 | 21.2 | 21.2 | 21.9 | 22.7 | 23.0 | 23.8 | 23.7 | 24.4 | 25.2 |
| x=4H y=4H | 20.9 | 21.6 | 21.6 | 22.3 | 23.1 | 23.8 | 24.4 | 24.5 | 25.1 | 25.9 |
| x=4H y=6H | 21.2 | 21.7 | 21.9 | 22.5 | 23.3 | 24.3 | 24.9 | 25.1 | 25.6 | 26.5 |
| x=4H y=8H | 21.2 | 21.8 | 22.0 | 22.5 | 23.4 | 24.5 | 25.1 | 25.3 | 25.8 | 26.7 |
| x=4H y=12H | 21.2 | 21.7 | 22.0 | 22.5 | 23.4 | 24.6 | 25.1 | 25.4 | 25.9 | 26.8 |
| x=8H y=4H | 21.1 | 21.6 | 21.9 | 22.4 | 23.3 | 23.8 | 24.3 | 24.5 | 25.0 | 25.9 |
| x=8H y=6H | 21.5 | 21.9 | 22.3 | 22.7 | 23.6 | 24.4 | 24.8 | 25.2 | 25.6 | 26.5 |
| x=8H y=8H | 21.6 | 21.9 | 22.4 | 22.7 | 23.6 | 24.6 | 25.0 | 25.4 | 25.8 | 26.7 |
| x=8H y=12H | 21.6 | 21.9 | 22.4 | 22.7 | 23.7 | 24.8 | 25.1 | 25.6 | 25.9 | 26.9 |
| x=12H y=4H | 21.1 | 21.6 | 21.9 | 22.3 | 23.2 | 23.7 | 24.2 | 24.5 | 24.9 | 25.8 |
| x=12H y=6H | 21.5 | 21.9 | 22.3 | 22.6 | 23.6 | 24.4 | 24.7 | 25.1 | 25.5 | 26.4 |
| x=12H y=8H | 21.6 | 21.9 | 22.4 | 22.7 | 23.7 | 24.6 | 24.9 | 25.4 | 25.7 | 26.7 |

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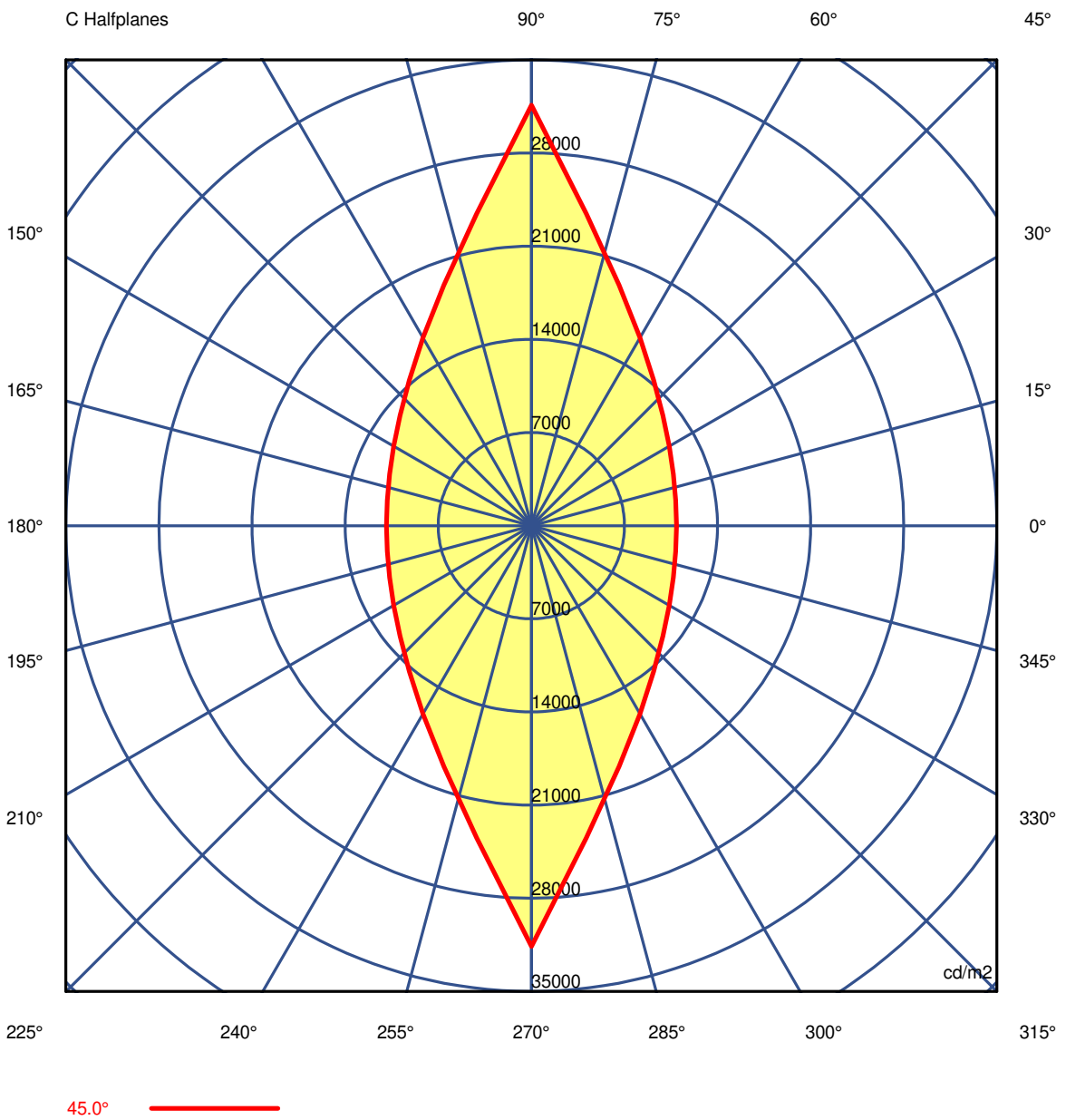
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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 9552 lm | Luminaire Power | 93.6 W | Efficacy | 102.072 lm/W | Efficiency | 63.40% |
| Source Flux | 15065 lm | Maximum value | 168.60 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



Luminaire

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| Luminaire Flux | 9552 lm | Luminaire Power | 93.6 W | Efficacy | 102.072 lm/W | Efficiency | 63.40% |
| Source Flux | 15065 lm | Maximum value | 168.60 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 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 |
| G 5.0 | 29599 | 29674 | 29849 | 30140 | 30592 | 31173 | 31855 | 32638 | 33534 | 34533 | 35534 | 36638 | 37855 |
| G 10.0 | 25705 | 25803 | 26094 | 26587 | 27291 | 28225 | 29395 | 30785 | 32442 | 34386 | 36442 | 38785 | 41395 |
| G 15.0 | 22605 | 22707 | 23053 | 23653 | 24513 | 25680 | 27191 | 29048 | 31350 | 34184 | 37550 | 41484 | 45791 |
| G 20.0 | 20051 | 20161 | 20521 | 21145 | 22088 | 23395 | 25120 | 27343 | 30201 | 33871 | 38201 | 43143 | 48720 |
| G 25.0 | 17817 | 17936 | 18325 | 18995 | 19972 | 21329 | 23190 | 25715 | 29066 | 33560 | 39066 | 45715 | 53190 |
| G 30.0 | 15813 | 15928 | 16322 | 17020 | 18048 | 19456 | 21382 | 24077 | 27834 | 33162 | 39834 | 47777 | 56920 |
| G 35.0 | 14041 | 14153 | 14530 | 15204 | 16228 | 17671 | 19666 | 22468 | 26544 | 32718 | 39844 | 48468 | 58666 |
| G 40.0 | 12413 | 12519 | 12884 | 13538 | 14525 | 15963 | 18001 | 20872 | 25209 | 32222 | 39809 | 49072 | 59801 |
| G 45.0 | 10902 | 11004 | 11349 | 11973 | 12905 | 14295 | 16320 | 19237 | 23802 | 31603 | 39802 | 49237 | 60320 |
| G 50.0 | 9486 | 9584 | 9909 | 10492 | 11384 | 12706 | 14644 | 17545 | 22279 | 30979 | 39879 | 49545 | 60444 |
| G 55.0 | 8177 | 8263 | 8555 | 9089 | 9899 | 11121 | 12978 | 15862 | 20719 | 30271 | 39819 | 49562 | 60297 |
| G 60.0 | 6912 | 6994 | 7258 | 7732 | 8463 | 9582 | 11312 | 14088 | 18979 | 29515 | 39879 | 49888 | 60312 |
| G 65.0 | 5710 | 5783 | 6011 | 6421 | 7071 | 8081 | 9653 | 12215 | 16993 | 28583 | 39893 | 49815 | 60653 |
| G 70.0 | 4515 | 4586 | 4776 | 5114 | 5668 | 6522 | 7877 | 10218 | 14797 | 27401 | 39897 | 49818 | 60777 |
| G 75.0 | 3365 | 3416 | 3572 | 3847 | 4271 | 4939 | 6044 | 8017 | 12154 | 25950 | 39854 | 49817 | 60644 |
| G 80.0 | 2217 | 2257 | 2367 | 2557 | 2848 | 3323 | 4132 | 5594 | 8882 | 23331 | 39882 | 49854 | 60413 |
| G 85.0 | 1073 | 1096 | 1172 | 1281 | 1389 | 1609 | 2058 | 2857 | 4765 | 18244 | 39844 | 49857 | 60258 |
| G 90.0 | 394 | 434 | 493 | 525 | 466 | 484 | 605 | 705 | 1013 | 13915 | 1013 | 705 | 605 |

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| Luminaire Flux | 9552 lm | Luminaire Power | 93.6 W | Efficacy | 102.072 lm/W | Efficiency | 63.40% |
| Source Flux | 15065 lm | Maximum value | 168.60 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 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 |
| G 5.0 | 31173 | 30592 | 30140 | 29849 | 29674 | 29599 | 29674 | 29849 | 30140 | 30592 | 31173 | 31855 | 32638 |
| G 10.0 | 28225 | 27291 | 26587 | 26094 | 25803 | 25705 | 25803 | 26094 | 26587 | 27291 | 28225 | 29395 | 30785 |
| G 15.0 | 25680 | 24513 | 23653 | 23053 | 22707 | 22605 | 22707 | 23053 | 23653 | 24513 | 25680 | 27191 | 29048 |
| G 20.0 | 23395 | 22088 | 21145 | 20521 | 20161 | 20051 | 20161 | 20521 | 21145 | 22088 | 23395 | 25120 | 27343 |
| G 25.0 | 21329 | 19972 | 18995 | 18325 | 17936 | 17817 | 17936 | 18325 | 18995 | 19972 | 21329 | 23190 | 25715 |
| G 30.0 | 19456 | 18048 | 17020 | 16322 | 15928 | 15813 | 15928 | 16322 | 17020 | 18048 | 19456 | 21382 | 24077 |
| G 35.0 | 17671 | 16228 | 15204 | 14530 | 14153 | 14041 | 14153 | 14530 | 15204 | 16228 | 17671 | 19666 | 22468 |
| G 40.0 | 15963 | 14525 | 13538 | 12884 | 12519 | 12413 | 12519 | 12884 | 13538 | 14525 | 15963 | 18001 | 20872 |
| G 45.0 | 14295 | 12905 | 11973 | 11349 | 11004 | 10902 | 11004 | 11349 | 11973 | 12905 | 14295 | 16320 | 19237 |
| G 50.0 | 12706 | 11384 | 10492 | 9909 | 9584 | 9486 | 9584 | 9909 | 10492 | 11384 | 12706 | 14644 | 17545 |
| G 55.0 | 11121 | 9899 | 9089 | 8555 | 8263 | 8177 | 8263 | 8555 | 9089 | 9899 | 11121 | 12978 | 15862 |
| G 60.0 | 9582 | 8463 | 7732 | 7258 | 6994 | 6912 | 6994 | 7258 | 7732 | 8463 | 9582 | 11312 | 14088 |
| G 65.0 | 8081 | 7071 | 6421 | 6011 | 5783 | 5710 | 5783 | 6011 | 6421 | 7071 | 8081 | 9653 | 12215 |
| G 70.0 | 6522 | 5668 | 5114 | 4776 | 4586 | 4515 | 4586 | 4776 | 5114 | 5668 | 6522 | 7877 | 10218 |
| G 75.0 | 4939 | 4271 | 3847 | 3572 | 3416 | 3365 | 3416 | 3572 | 3847 | 4271 | 4939 | 6044 | 8017 |
| G 80.0 | 3323 | 2848 | 2557 | 2367 | 2257 | 2217 | 2257 | 2367 | 2557 | 2848 | 3323 | 4132 | 5594 |
| G 85.0 | 1609 | 1389 | 1281 | 1172 | 1096 | 1073 | 1096 | 1172 | 1281 | 1389 | 1609 | 2058 | 2857 |
| G 90.0 | 484 | 466 | 525 | 493 | 434 | 394 | 434 | 493 | 525 | 466 | 484 | 605 | 705 |

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| Luminaire Flux | 9552 lm | Luminaire Power | 93.6 W | Efficacy | 102.072 lm/W | Efficiency | 63.40% |
| Source Flux | 15065 lm | Maximum value | 168.60 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 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 | 34632 |
| G 5.0 | 33534 | 34533 | 33534 | 32638 | 31855 | 31173 | 30592 | 30140 | 29849 | 29674 |
| G 10.0 | 32442 | 34386 | 32442 | 30785 | 29395 | 28225 | 27291 | 26587 | 26094 | 25803 |
| G 15.0 | 31350 | 34184 | 31350 | 29048 | 27191 | 25680 | 24513 | 23653 | 23053 | 22707 |
| G 20.0 | 30201 | 33871 | 30201 | 27343 | 25120 | 23395 | 22088 | 21145 | 20521 | 20161 |
| G 25.0 | 29066 | 33560 | 29066 | 25715 | 23190 | 21329 | 19972 | 18995 | 18325 | 17936 |
| G 30.0 | 27834 | 33162 | 27834 | 24077 | 21382 | 19456 | 18048 | 17020 | 16322 | 15928 |
| G 35.0 | 26544 | 32718 | 26544 | 22468 | 19666 | 17671 | 16228 | 15204 | 14530 | 14153 |
| G 40.0 | 25209 | 32222 | 25209 | 20872 | 18001 | 15963 | 14525 | 13538 | 12884 | 12519 |
| G 45.0 | 23802 | 31603 | 23802 | 19237 | 16320 | 14295 | 12905 | 11973 | 11349 | 11004 |
| G 50.0 | 22279 | 30979 | 22279 | 17545 | 14644 | 12706 | 11384 | 10492 | 9909 | 9584 |
| G 55.0 | 20719 | 30271 | 20719 | 15862 | 12978 | 11121 | 9899 | 9089 | 8555 | 8263 |
| G 60.0 | 18979 | 29515 | 18979 | 14088 | 11312 | 9582 | 8463 | 7732 | 7258 | 6994 |
| G 65.0 | 16993 | 28583 | 16993 | 12215 | 9653 | 8081 | 7071 | 6421 | 6011 | 5783 |
| G 70.0 | 14797 | 27401 | 14797 | 10218 | 7877 | 6522 | 5668 | 5114 | 4776 | 4586 |
| G 75.0 | 12154 | 25950 | 12154 | 8017 | 6044 | 4939 | 4271 | 3847 | 3572 | 3416 |
| G 80.0 | 8882 | 23331 | 8882 | 5594 | 4132 | 3323 | 2848 | 2557 | 2367 | 2257 |
| G 85.0 | 4765 | 18244 | 4765 | 2857 | 2058 | 1609 | 1389 | 1281 | 1172 | 1096 |
| G 90.0 | 1013 | 13915 | 1013 | 705 | 605 | 484 | 466 | 525 | 493 | 434 |