

Luminaire

Code 90729L215

Name CORA /E L15W30 2 BOPTICS 840 HO

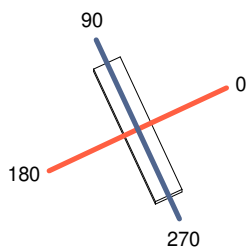
Measurem.

Code 28/7/2023

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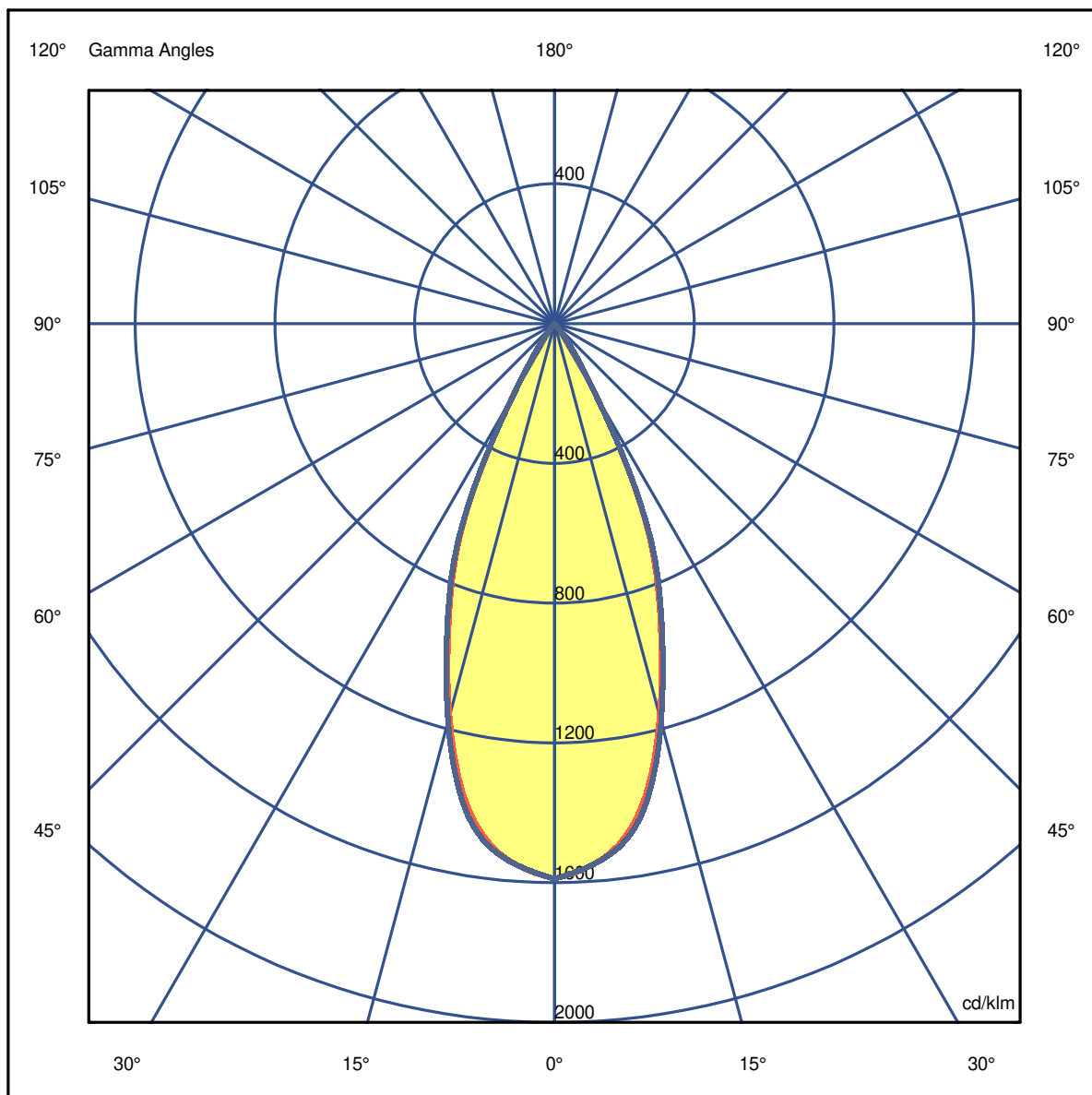
| | | | | | | | |
|----------------|---------|-----------------|----------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 6796 lm | Luminaire Power | 50.3 W | Efficacy | 135.214 lm/W | Efficiency | 79.76% |
| Source Flux | 8520 lm | Maximum value | 1588.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

1497mm x 297mm



C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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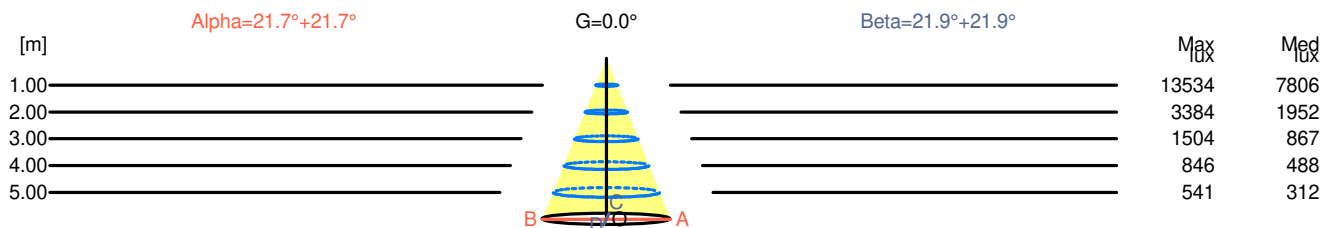
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|----------------|---------|-----------------|----------------|----------|---------------|------------|--------------------|
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Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 0.40 | 0.80 | 1.19 | 1.59 | 1.99 | OC | 0.40 | 0.81 | 1.21 | 1.61 | 2.01 |
| OB | 0.40 | 0.80 | 1.19 | 1.59 | 1.99 | OD | 0.40 | 0.81 | 1.21 | 1.61 | 2.01 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|----------|----------|----------|---------|--------|-------|------|------|------|------|
| OA | 13534.02 | 13118.24 | 9903.65 | 5125.63 | 631.33 | 10.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| OB | 13534.02 | 13118.24 | 9903.65 | 5125.63 | 631.33 | 10.22 | 0.00 | 0.00 | 0.00 | 0.00 |
| OC | 13534.02 | 13129.32 | 10037.41 | 5221.06 | 694.38 | 16.19 | 0.00 | 0.00 | 0.00 | 0.00 |
| OD | 13534.02 | 13129.32 | 10037.41 | 5221.06 | 694.38 | 16.19 | 0.00 | 0.00 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=21.7°+21.7° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.80 | 13534 | 7806 | | |
| 2.00 | 1.59 | 3384 | 1952 | | |
| 3.00 | 2.39 | 1504 | 867 | | |
| 4.00 | 3.18 | 846 | 488 | | |
| 5.00 | 3.98 | 541 | 312 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=21.9°+21.9° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.81 | 13534 | 7806 | | |
| 2.00 | 1.61 | 3384 | 1952 | | |
| 3.00 | 2.42 | 1504 | 867 | | |
| 4.00 | 3.22 | 846 | 488 | | |
| 5.00 | 4.03 | 541 | 312 | | |

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|----------------|---------|-----------------|----------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 6796 lm | Luminaire Power | 50.3 W | Efficacy | 135.214 lm/W | Efficiency | 79.76% |
| Source Flux | 8520 lm | Maximum value | 1588.50 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 | 3.0 | 3.6 | 3.2 | 3.8 | 4.0 | 3.1 | 3.7 | 3.3 | 3.9 | 4.1 |
| x=2H y=3H | 2.8 | 3.4 | 3.1 | 3.6 | 3.8 | 3.0 | 3.5 | 3.2 | 3.8 | 4.0 |
| x=2H y=4H | 2.8 | 3.3 | 3.1 | 3.6 | 3.8 | 2.9 | 3.4 | 3.2 | 3.7 | 3.9 |
| x=2H y=6H | 2.7 | 3.2 | 3.0 | 3.5 | 3.7 | 2.8 | 3.3 | 3.2 | 3.6 | 3.9 |
| x=2H y=8H | 2.6 | 3.1 | 3.0 | 3.4 | 3.7 | 2.8 | 3.2 | 3.1 | 3.5 | 3.8 |
| x=2H y=12H | 2.6 | 3.0 | 3.0 | 3.4 | 3.6 | 2.7 | 3.2 | 3.1 | 3.5 | 3.8 |
| x=4H y=2H | 2.8 | 3.3 | 3.1 | 3.6 | 3.8 | 2.9 | 3.4 | 3.2 | 3.7 | 3.9 |
| x=4H y=3H | 2.6 | 3.0 | 3.0 | 3.4 | 3.7 | 2.7 | 3.2 | 3.1 | 3.5 | 3.8 |
| x=4H y=4H | 2.5 | 2.9 | 2.9 | 3.2 | 3.6 | 2.7 | 3.0 | 3.0 | 3.4 | 3.7 |
| x=4H y=6H | 2.5 | 2.8 | 2.9 | 3.1 | 3.5 | 2.6 | 2.9 | 3.0 | 3.3 | 3.7 |
| x=4H y=8H | 2.4 | 2.7 | 2.8 | 3.1 | 3.5 | 2.5 | 2.8 | 3.0 | 3.2 | 3.6 |
| x=4H y=12H | 2.4 | 2.6 | 2.8 | 3.0 | 3.4 | 2.5 | 2.8 | 2.9 | 3.2 | 3.6 |
| x=8H y=4H | 2.4 | 2.7 | 2.8 | 3.1 | 3.5 | 2.5 | 2.8 | 3.0 | 3.2 | 3.6 |
| x=8H y=6H | 2.3 | 2.5 | 2.8 | 3.0 | 3.4 | 2.5 | 2.7 | 2.9 | 3.1 | 3.5 |
| x=8H y=8H | 2.3 | 2.5 | 2.7 | 2.9 | 3.4 | 2.4 | 2.6 | 2.9 | 3.0 | 3.5 |
| x=8H y=12H | 2.2 | 2.4 | 2.7 | 2.8 | 3.3 | 2.4 | 2.5 | 2.8 | 3.0 | 3.5 |
| x=12H y=4H | 2.4 | 2.6 | 2.8 | 3.0 | 3.4 | 2.5 | 2.8 | 2.9 | 3.2 | 3.6 |
| x=12H y=6H | 2.3 | 2.5 | 2.7 | 2.9 | 3.4 | 2.4 | 2.6 | 2.9 | 3.0 | 3.5 |
| x=12H y=8H | 2.2 | 2.4 | 2.7 | 2.8 | 3.3 | 2.4 | 2.5 | 2.8 | 3.0 | 3.5 |

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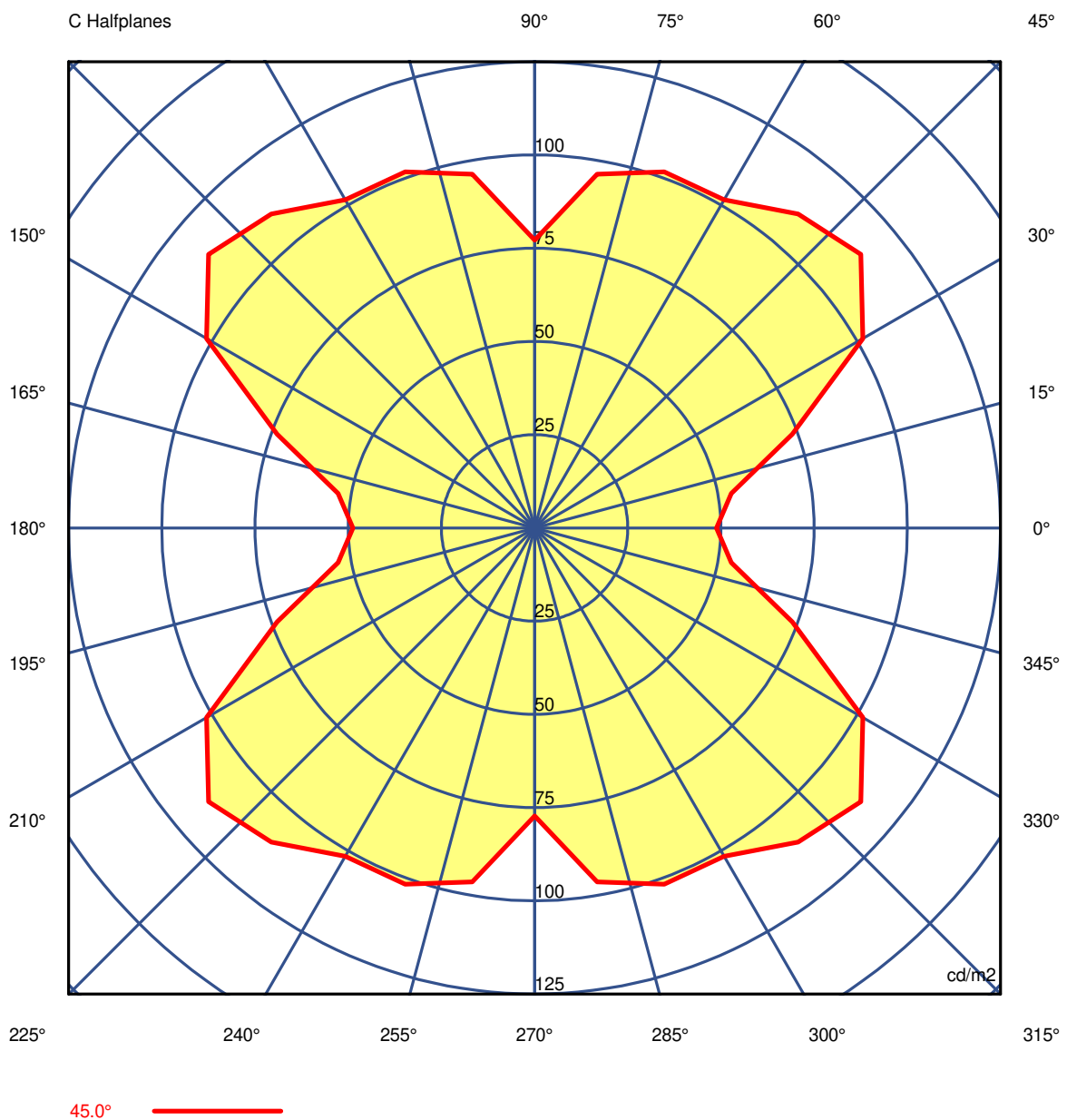
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|----------------|---------|-----------------|----------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 6796 lm | Luminaire Power | 50.3 W | Efficacy | 135.214 lm/W | Efficiency | 79.76% |
| Source Flux | 8520 lm | Maximum value | 1588.50 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



Luminaire

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|---------------------------|---------|---------|-----------------|---------|----------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Luminaire Flux | 6796 lm | | Luminaire Power | | 50.3 W | | Efficacy | | 135.214 lm/W | | Efficiency | | 79.76% | |
| Source Flux | 8520 lm | | Maximum value | | 1588.50 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 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | |
| G 5.0 | 44424 | 44392 | 44400 | 44424 | 44410 | 44417 | 44453 | 44459 | 44462 | 44462 | 44462 | 44459 | 44453 | |
| G 10.0 | 41243 | 41265 | 41302 | 41351 | 41402 | 41479 | 41578 | 41659 | 41703 | 41716 | 41703 | 41659 | 41578 | |
| G 15.0 | 34589 | 34649 | 34670 | 34681 | 34745 | 34795 | 34854 | 35003 | 35088 | 35056 | 35088 | 35003 | 34854 | |
| G 20.0 | 26960 | 26979 | 26985 | 26987 | 27015 | 27106 | 27232 | 27316 | 27343 | 27333 | 27343 | 27316 | 27232 | |
| G 25.0 | 19079 | 19054 | 19059 | 19117 | 19225 | 19313 | 19371 | 19438 | 19463 | 19434 | 19463 | 19438 | 19371 | |
| G 30.0 | 7975 | 8011 | 8084 | 8148 | 8124 | 8129 | 8148 | 8045 | 7949 | 7926 | 7949 | 8045 | 8148 | |
| G 35.0 | 2600 | 2633 | 2676 | 2730 | 2785 | 2822 | 2839 | 2854 | 2860 | 2860 | 2860 | 2854 | 2839 | |
| G 40.0 | 349 | 376 | 450 | 544 | 584 | 591 | 578 | 536 | 486 | 439 | 486 | 536 | 578 | |
| G 45.0 | 49 | 54 | 74 | 102 | 114 | 110 | 102 | 102 | 96 | 77 | 96 | 102 | 102 | |
| G 50.0 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | |
| G 55.0 | 0 | 0 | 0 | 0 | 41 | 68 | 60 | 41 | 20 | 0 | 20 | 41 | 60 | |
| G 60.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 65.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 70.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 75.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 80.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 85.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

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| Luminaire Flux | 6796 lm | | Luminaire Power | | 50.3 W | | Efficacy | | 135.214 lm/W | | Efficiency | | 79.76% | |
| Source Flux | 8520 lm | | Maximum value | | 1588.50 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 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | |
| G 5.0 | 44417 | 44410 | 44424 | 44400 | 44392 | 44424 | 44392 | 44400 | 44424 | 44410 | 44417 | 44453 | 44459 | |
| G 10.0 | 41479 | 41402 | 41351 | 41302 | 41265 | 41243 | 41265 | 41302 | 41351 | 41402 | 41479 | 41578 | 41659 | |
| G 15.0 | 34795 | 34745 | 34681 | 34670 | 34649 | 34589 | 34649 | 34670 | 34681 | 34745 | 34795 | 34854 | 35003 | |
| G 20.0 | 27106 | 27015 | 26987 | 26985 | 26979 | 26960 | 26979 | 26985 | 26987 | 27015 | 27106 | 27232 | 27316 | |
| G 25.0 | 19313 | 19225 | 19117 | 19059 | 19054 | 19079 | 19054 | 19059 | 19117 | 19225 | 19313 | 19371 | 19438 | |
| G 30.0 | 8129 | 8124 | 8148 | 8084 | 8011 | 7975 | 8011 | 8084 | 8148 | 8124 | 8129 | 8148 | 8045 | |
| G 35.0 | 2822 | 2785 | 2730 | 2676 | 2633 | 2600 | 2633 | 2676 | 2730 | 2785 | 2822 | 2839 | 2854 | |
| G 40.0 | 591 | 584 | 544 | 450 | 376 | 349 | 376 | 450 | 544 | 584 | 591 | 578 | 536 | |
| G 45.0 | 110 | 114 | 102 | 74 | 54 | 49 | 54 | 74 | 102 | 114 | 110 | 102 | 102 | |
| G 50.0 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | |
| G 55.0 | 68 | 41 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 41 | 68 | 60 | 41 | |
| G 60.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 65.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 70.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 75.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 80.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 85.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| G 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |

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| Source Flux | 8520 lm | Maximum value | 1588.50 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 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 | 45658 |
| G 5.0 | 44462 | 44462 | 44462 | 44459 | 44453 | 44417 | 44410 | 44424 | 44400 | 44392 |
| G 10.0 | 41703 | 41716 | 41703 | 41659 | 41578 | 41479 | 41402 | 41351 | 41302 | 41265 |
| G 15.0 | 35088 | 35056 | 35088 | 35003 | 34854 | 34795 | 34745 | 34681 | 34670 | 34649 |
| G 20.0 | 27343 | 27333 | 27343 | 27316 | 27232 | 27106 | 27015 | 26987 | 26985 | 26979 |
| G 25.0 | 19463 | 19434 | 19463 | 19438 | 19371 | 19313 | 19225 | 19117 | 19059 | 19054 |
| G 30.0 | 7949 | 7926 | 7949 | 8045 | 8148 | 8129 | 8124 | 8148 | 8084 | 8011 |
| G 35.0 | 2860 | 2860 | 2860 | 2854 | 2839 | 2822 | 2785 | 2730 | 2676 | 2633 |
| G 40.0 | 486 | 439 | 486 | 536 | 578 | 591 | 584 | 544 | 450 | 376 |
| G 45.0 | 96 | 77 | 96 | 102 | 102 | 110 | 114 | 102 | 74 | 54 |
| G 50.0 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| G 55.0 | 20 | 0 | 20 | 41 | 60 | 68 | 41 | 0 | 0 | 0 |
| G 60.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 65.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 70.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 75.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 80.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 85.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |