

Luminaire

Code 90587L115

Name ROFY 60 D/I D1150 GCONTROL+ 830 HO

Measurem.

Code 26/7/2023

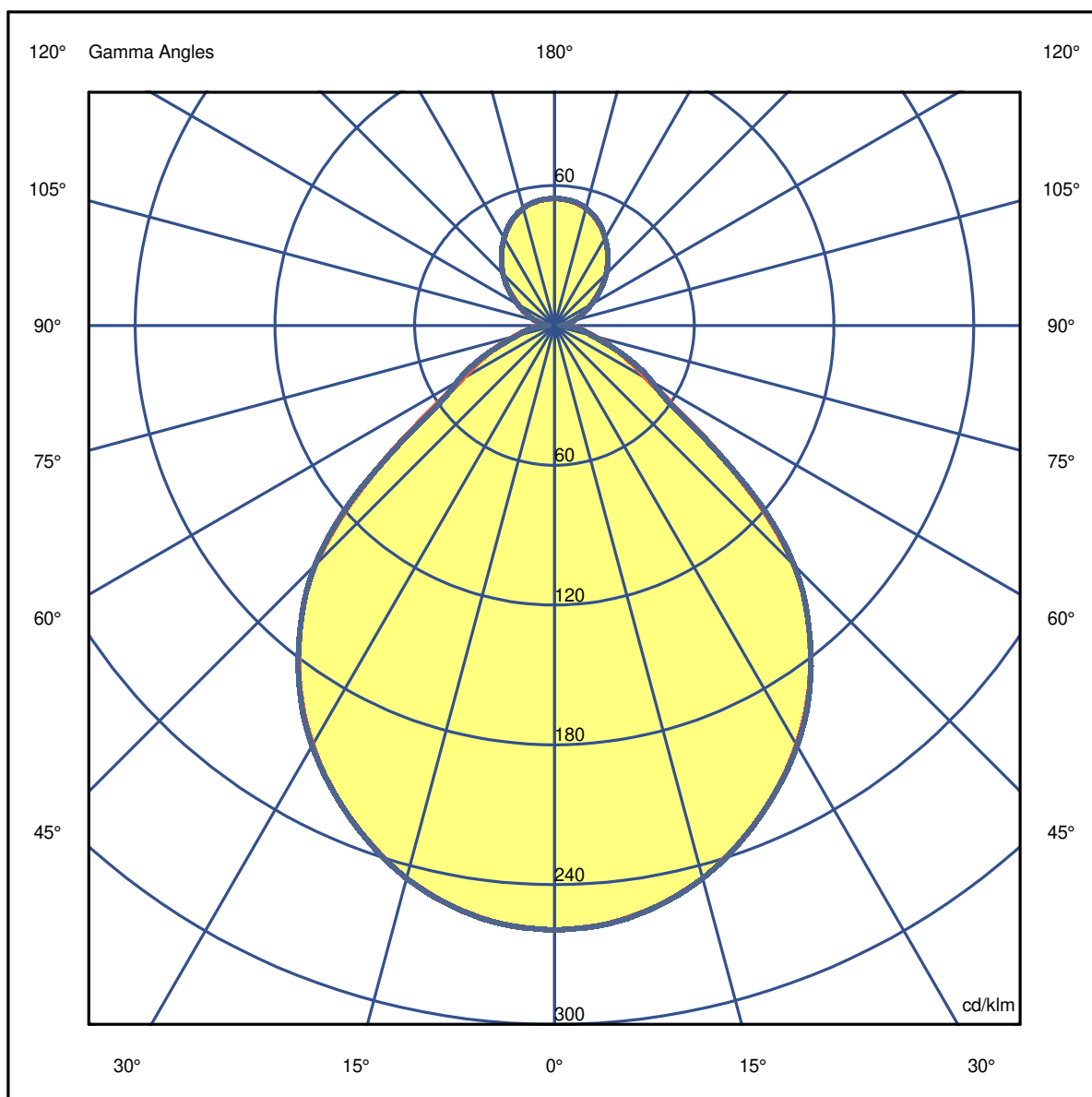
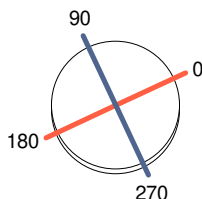
Name ROFY 60 D/I D1150 GCONTROL+ 830 HO

| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 17171 lm | Luminaire Power | 136.9 W | Efficacy | 125.425 lm/W | Efficiency | 70.45% |
| Source Flux | 24372 lm | Maximum value | 259.40 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=1150mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



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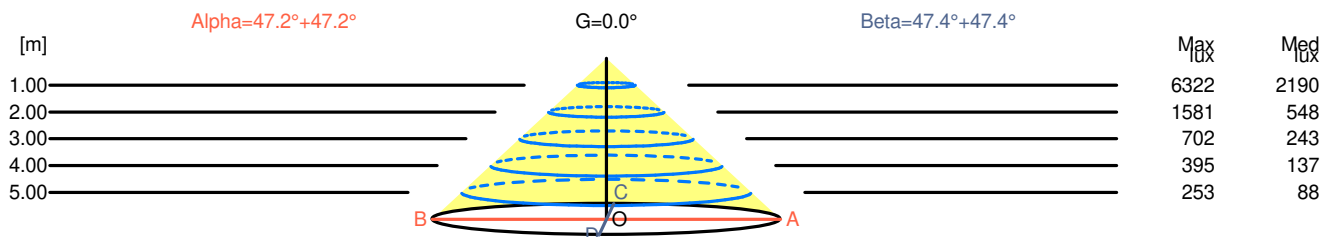
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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
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Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 1.08 | 2.16 | 3.25 | 4.33 | 5.41 | OC | 1.09 | 2.17 | 3.26 | 4.35 | 5.44 |
| OB | 1.08 | 2.16 | 3.25 | 4.33 | 5.41 | OD | 1.09 | 2.17 | 3.26 | 4.35 | 5.44 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| OA | 6322.10 | 6283.10 | 5985.76 | 5422.77 | 4645.30 | 3541.25 | 1645.11 | 860.33 | 424.07 | 197.41 |
| OB | 6322.10 | 6283.10 | 5985.76 | 5422.77 | 4645.30 | 3541.25 | 1645.11 | 860.33 | 424.07 | 197.41 |
| OC | 6322.10 | 6285.54 | 5985.76 | 5422.77 | 4655.05 | 3546.13 | 1586.62 | 904.20 | 404.58 | 163.29 |
| OD | 6322.10 | 6285.54 | 5985.76 | 5422.77 | 4655.05 | 3546.13 | 1586.62 | 904.20 | 404.58 | 163.29 |



| H[m] | D[m] | Max lux | Med lux | Alpha=47.2°+47.2° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.16 | 6322 | 2190 | | | |
| 2.00 | 4.33 | 1581 | 548 | | | |
| 3.00 | 6.49 | 702 | 243 | | | |
| 4.00 | 8.65 | 395 | 137 | | | |
| 5.00 | 10.82 | 253 | 88 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=47.4°+47.4° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.17 | 6322 | 2190 | | | |
| 2.00 | 4.35 | 1581 | 548 | | | |
| 3.00 | 6.52 | 702 | 243 | | | |
| 4.00 | 8.70 | 395 | 137 | | | |
| 5.00 | 10.87 | 253 | 88 | | | |

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 17171 lm | Luminaire Power | 136.9 W | Efficacy | 125.425 lm/W | Efficiency | 70.45% |
| Source Flux | 24372 lm | Maximum value | 259.40 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 | 14.5 | 15.5 | 15.0 | 16.0 | 16.6 | 14.8 | 15.8 | 15.3 | 16.3 | 16.9 |
| x=2H y=3H | 15.0 | 15.8 | 15.6 | 16.4 | 17.0 | 15.2 | 16.1 | 15.8 | 16.6 | 17.3 |
| x=2H y=4H | 15.2 | 15.9 | 15.8 | 16.5 | 17.2 | 15.3 | 16.1 | 15.9 | 16.7 | 17.4 |
| x=2H y=6H | 15.3 | 16.0 | 15.9 | 16.7 | 17.3 | 15.5 | 16.2 | 16.1 | 16.8 | 17.5 |
| x=2H y=8H | 15.4 | 16.1 | 16.0 | 16.7 | 17.4 | 15.5 | 16.2 | 16.2 | 16.9 | 17.6 |
| x=2H y=12H | 15.4 | 16.1 | 16.1 | 16.8 | 17.5 | 15.6 | 16.3 | 16.2 | 16.9 | 17.6 |
| x=4H y=2H | 14.8 | 15.6 | 15.4 | 16.2 | 16.8 | 15.1 | 15.9 | 15.7 | 16.5 | 17.1 |
| x=4H y=3H | 15.4 | 16.1 | 16.0 | 16.7 | 17.4 | 15.7 | 16.4 | 16.4 | 17.0 | 17.7 |
| x=4H y=4H | 15.6 | 16.2 | 16.3 | 16.9 | 17.6 | 16.0 | 16.6 | 16.6 | 17.2 | 18.0 |
| x=4H y=6H | 15.9 | 16.4 | 16.6 | 17.1 | 17.9 | 16.2 | 16.7 | 16.9 | 17.4 | 18.2 |
| x=4H y=8H | 16.0 | 16.5 | 16.8 | 17.2 | 18.0 | 16.3 | 16.8 | 17.0 | 17.5 | 18.3 |
| x=4H y=12H | 16.2 | 16.6 | 16.9 | 17.3 | 18.1 | 16.4 | 16.8 | 17.1 | 17.5 | 18.3 |
| x=8H y=4H | 15.7 | 16.2 | 16.5 | 16.9 | 17.7 | 16.0 | 16.5 | 16.8 | 17.2 | 18.0 |
| x=8H y=6H | 16.1 | 16.5 | 16.9 | 17.2 | 18.1 | 16.4 | 16.8 | 17.1 | 17.5 | 18.3 |
| x=8H y=8H | 16.4 | 16.7 | 17.1 | 17.4 | 18.3 | 16.6 | 16.9 | 17.3 | 17.6 | 18.5 |
| x=8H y=12H | 16.5 | 16.8 | 17.3 | 17.6 | 18.5 | 16.7 | 17.0 | 17.5 | 17.7 | 18.6 |
| x=12H y=4H | 15.7 | 16.2 | 16.5 | 16.9 | 17.7 | 16.0 | 16.4 | 16.7 | 17.1 | 18.0 |
| x=12H y=6H | 16.2 | 16.5 | 16.9 | 17.2 | 18.1 | 16.4 | 16.7 | 17.2 | 17.5 | 18.3 |
| x=12H y=8H | 16.4 | 16.7 | 17.2 | 17.5 | 18.3 | 16.6 | 16.9 | 17.4 | 17.7 | 18.5 |

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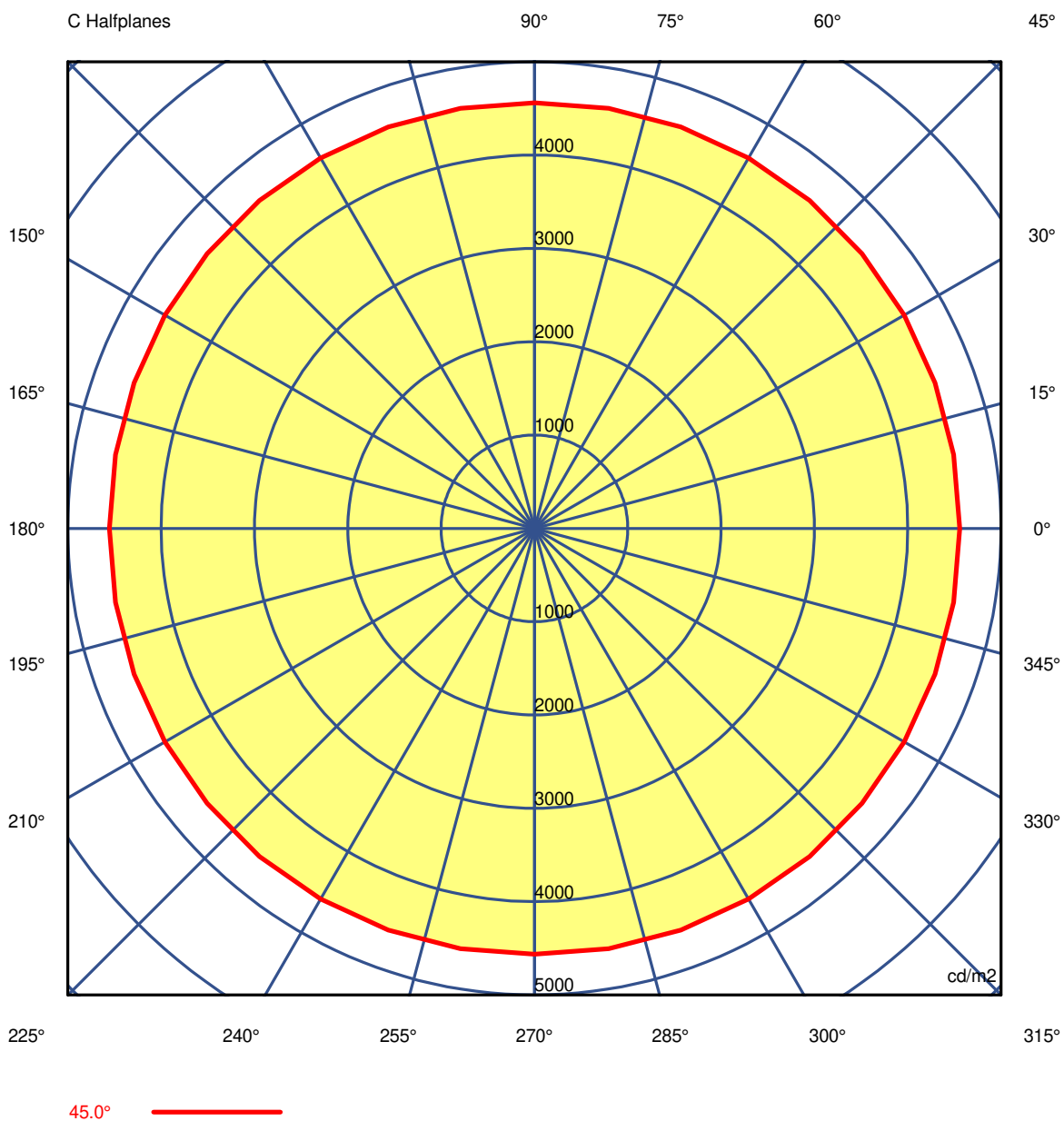
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|----------------|----------|-----------------|---------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 17171 lm | Luminaire Power | 136.9 W | Efficacy | 125.425 lm/W | Efficiency | 70.45% |
| Source Flux | 24372 lm | Maximum value | 259.40 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical | |

Luminance



Luminaire

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|---------------------------|----------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|----------|
| Luminaire Flux | 17171 lm | Luminaire Power | | 136.9 W | | Efficacy | | 125.425 lm/W | | Efficiency | | 70.45% | |
| Source Flux | 24372 lm | Maximum value | | 259.40 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 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 |
| G 5.0 | 6237 | 6237 | 6237 | 6237 | 6239 | 6239 | 6237 | 6236 | 6237 | 6239 | 6237 | 6236 | 6237 |
| G 10.0 | 6140 | 6142 | 6142 | 6142 | 6144 | 6144 | 6142 | 6144 | 6144 | 6142 | 6144 | 6144 | 6142 |
| G 15.0 | 6025 | 6025 | 6026 | 6029 | 6031 | 6032 | 6032 | 6031 | 6028 | 6025 | 6028 | 6031 | 6032 |
| G 20.0 | 5873 | 5876 | 5881 | 5890 | 5903 | 5910 | 5908 | 5899 | 5887 | 5875 | 5887 | 5899 | 5908 |
| G 25.0 | 5711 | 5713 | 5716 | 5721 | 5730 | 5737 | 5737 | 5727 | 5717 | 5711 | 5717 | 5727 | 5737 |
| G 30.0 | 5528 | 5539 | 5533 | 5518 | 5518 | 5518 | 5518 | 5519 | 5525 | 5539 | 5525 | 5519 | 5518 |
| G 35.0 | 5299 | 5307 | 5297 | 5274 | 5261 | 5255 | 5255 | 5267 | 5288 | 5310 | 5288 | 5267 | 5255 |
| G 40.0 | 4989 | 4997 | 4994 | 4980 | 4966 | 4955 | 4957 | 4974 | 4988 | 4992 | 4988 | 4974 | 4957 |
| G 45.0 | 4557 | 4561 | 4566 | 4573 | 4582 | 4587 | 4585 | 4580 | 4572 | 4564 | 4572 | 4580 | 4585 |
| G 50.0 | 3645 | 3667 | 3724 | 3838 | 3915 | 3959 | 3957 | 3877 | 3774 | 3682 | 3774 | 3877 | 3957 |
| G 55.0 | 2516 | 2379 | 2603 | 3045 | 3222 | 3259 | 3258 | 3143 | 2853 | 2426 | 2853 | 3143 | 3258 |
| G 60.0 | 1930 | 1973 | 2026 | 2155 | 2420 | 2607 | 2551 | 2272 | 2060 | 2014 | 2060 | 2272 | 2551 |
| G 65.0 | 1684 | 1778 | 1733 | 1660 | 1970 | 2251 | 2175 | 1783 | 1599 | 1770 | 1599 | 1783 | 2175 |
| G 70.0 | 1429 | 1418 | 1375 | 1389 | 1667 | 1892 | 1828 | 1532 | 1404 | 1401 | 1404 | 1532 | 1828 |
| G 75.0 | 1204 | 1176 | 1109 | 1100 | 1285 | 1439 | 1397 | 1200 | 1094 | 1148 | 1094 | 1200 | 1397 |
| G 80.0 | 1134 | 1140 | 1173 | 1224 | 1254 | 1262 | 1242 | 1188 | 1141 | 1115 | 1141 | 1188 | 1242 |
| G 85.0 | 1078 | 1051 | 1056 | 1065 | 952 | 857 | 865 | 936 | 954 | 892 | 954 | 936 | 865 |
| G 90.0 | 863 | 845 | 830 | 812 | 783 | 734 | 685 | 667 | 647 | 609 | 647 | 667 | 685 |

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| | | | | | | | | | | | | |
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| Luminaire Flux | 17171 lm | Luminaire Power | | 136.9 W | Efficacy | 125.425 lm/W | | Efficiency | 70.45% | | | |
| Source Flux | 24372 lm | Maximum value | | 259.40 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 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 |
| G 5.0 | 6239 | 6239 | 6237 | 6237 | 6237 | 6237 | 6237 | 6237 | 6239 | 6239 | 6237 | 6236 |
| G 10.0 | 6144 | 6144 | 6142 | 6142 | 6142 | 6140 | 6142 | 6142 | 6144 | 6144 | 6142 | 6144 |
| G 15.0 | 6032 | 6031 | 6029 | 6026 | 6025 | 6025 | 6025 | 6026 | 6029 | 6031 | 6032 | 6031 |
| G 20.0 | 5910 | 5903 | 5890 | 5881 | 5876 | 5873 | 5876 | 5881 | 5890 | 5903 | 5910 | 5899 |
| G 25.0 | 5737 | 5730 | 5721 | 5716 | 5713 | 5711 | 5713 | 5716 | 5721 | 5730 | 5737 | 5727 |
| G 30.0 | 5518 | 5518 | 5518 | 5533 | 5539 | 5528 | 5539 | 5533 | 5518 | 5518 | 5518 | 5519 |
| G 35.0 | 5255 | 5261 | 5274 | 5297 | 5307 | 5299 | 5307 | 5297 | 5274 | 5261 | 5255 | 5267 |
| G 40.0 | 4955 | 4966 | 4980 | 4994 | 4997 | 4989 | 4997 | 4994 | 4980 | 4966 | 4955 | 4974 |
| G 45.0 | 4587 | 4582 | 4573 | 4566 | 4561 | 4557 | 4561 | 4566 | 4573 | 4582 | 4587 | 4580 |
| G 50.0 | 3959 | 3915 | 3838 | 3724 | 3667 | 3645 | 3667 | 3724 | 3838 | 3915 | 3959 | 3877 |
| G 55.0 | 3259 | 3222 | 3045 | 2603 | 2379 | 2516 | 2379 | 2603 | 3045 | 3222 | 3259 | 3143 |
| G 60.0 | 2607 | 2420 | 2155 | 2026 | 1973 | 1930 | 1973 | 2026 | 2155 | 2420 | 2607 | 2272 |
| G 65.0 | 2251 | 1970 | 1660 | 1733 | 1778 | 1684 | 1778 | 1733 | 1660 | 1970 | 2251 | 1783 |
| G 70.0 | 1892 | 1667 | 1389 | 1375 | 1418 | 1429 | 1418 | 1375 | 1389 | 1667 | 1892 | 1532 |
| G 75.0 | 1439 | 1285 | 1100 | 1109 | 1176 | 1204 | 1176 | 1109 | 1100 | 1285 | 1439 | 1200 |
| G 80.0 | 1262 | 1254 | 1224 | 1173 | 1140 | 1134 | 1140 | 1173 | 1224 | 1254 | 1262 | 1188 |
| G 85.0 | 857 | 952 | 1065 | 1056 | 1051 | 1078 | 1051 | 1056 | 1065 | 952 | 857 | 936 |
| G 90.0 | 734 | 783 | 812 | 830 | 845 | 863 | 845 | 830 | 812 | 783 | 734 | 667 |

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| Luminaire Flux | 17171 lm | Luminaire Power | 136.9 W | Efficacy | 125.425 lm/W | Efficiency | 70.45% |
| Source Flux | 24372 lm | Maximum value | 259.40 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 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 | 6304 |
| G 5.0 | 6237 | 6239 | 6237 | 6236 | 6237 | 6239 | 6239 | 6237 | 6237 | 6237 |
| G 10.0 | 6144 | 6142 | 6144 | 6144 | 6142 | 6144 | 6144 | 6142 | 6142 | 6142 |
| G 15.0 | 6028 | 6025 | 6028 | 6031 | 6032 | 6032 | 6031 | 6029 | 6026 | 6025 |
| G 20.0 | 5887 | 5875 | 5887 | 5899 | 5908 | 5910 | 5903 | 5890 | 5881 | 5876 |
| G 25.0 | 5717 | 5711 | 5717 | 5727 | 5737 | 5737 | 5730 | 5721 | 5716 | 5713 |
| G 30.0 | 5525 | 5539 | 5525 | 5519 | 5518 | 5518 | 5518 | 5518 | 5533 | 5539 |
| G 35.0 | 5288 | 5310 | 5288 | 5267 | 5255 | 5255 | 5261 | 5274 | 5297 | 5307 |
| G 40.0 | 4988 | 4992 | 4988 | 4974 | 4957 | 4955 | 4966 | 4980 | 4994 | 4997 |
| G 45.0 | 4572 | 4564 | 4572 | 4580 | 4585 | 4587 | 4582 | 4573 | 4566 | 4561 |
| G 50.0 | 3774 | 3682 | 3774 | 3877 | 3957 | 3959 | 3915 | 3838 | 3724 | 3667 |
| G 55.0 | 2853 | 2426 | 2853 | 3143 | 3258 | 3259 | 3222 | 3045 | 2603 | 2379 |
| G 60.0 | 2060 | 2014 | 2060 | 2272 | 2551 | 2607 | 2420 | 2155 | 2026 | 1973 |
| G 65.0 | 1599 | 1770 | 1599 | 1783 | 2175 | 2251 | 1970 | 1660 | 1733 | 1778 |
| G 70.0 | 1404 | 1401 | 1404 | 1532 | 1828 | 1892 | 1667 | 1389 | 1375 | 1418 |
| G 75.0 | 1094 | 1148 | 1094 | 1200 | 1397 | 1439 | 1285 | 1100 | 1109 | 1176 |
| G 80.0 | 1141 | 1115 | 1141 | 1188 | 1242 | 1262 | 1254 | 1224 | 1173 | 1140 |
| G 85.0 | 954 | 892 | 954 | 936 | 865 | 857 | 952 | 1065 | 1056 | 1051 |
| G 90.0 | 647 | 609 | 647 | 667 | 685 | 734 | 783 | 812 | 830 | 845 |