

Luminaire

Code 90593L115
Name ROFY 60 /T D/I D1150 LIGHT+ K3 830 HO

Measurem.

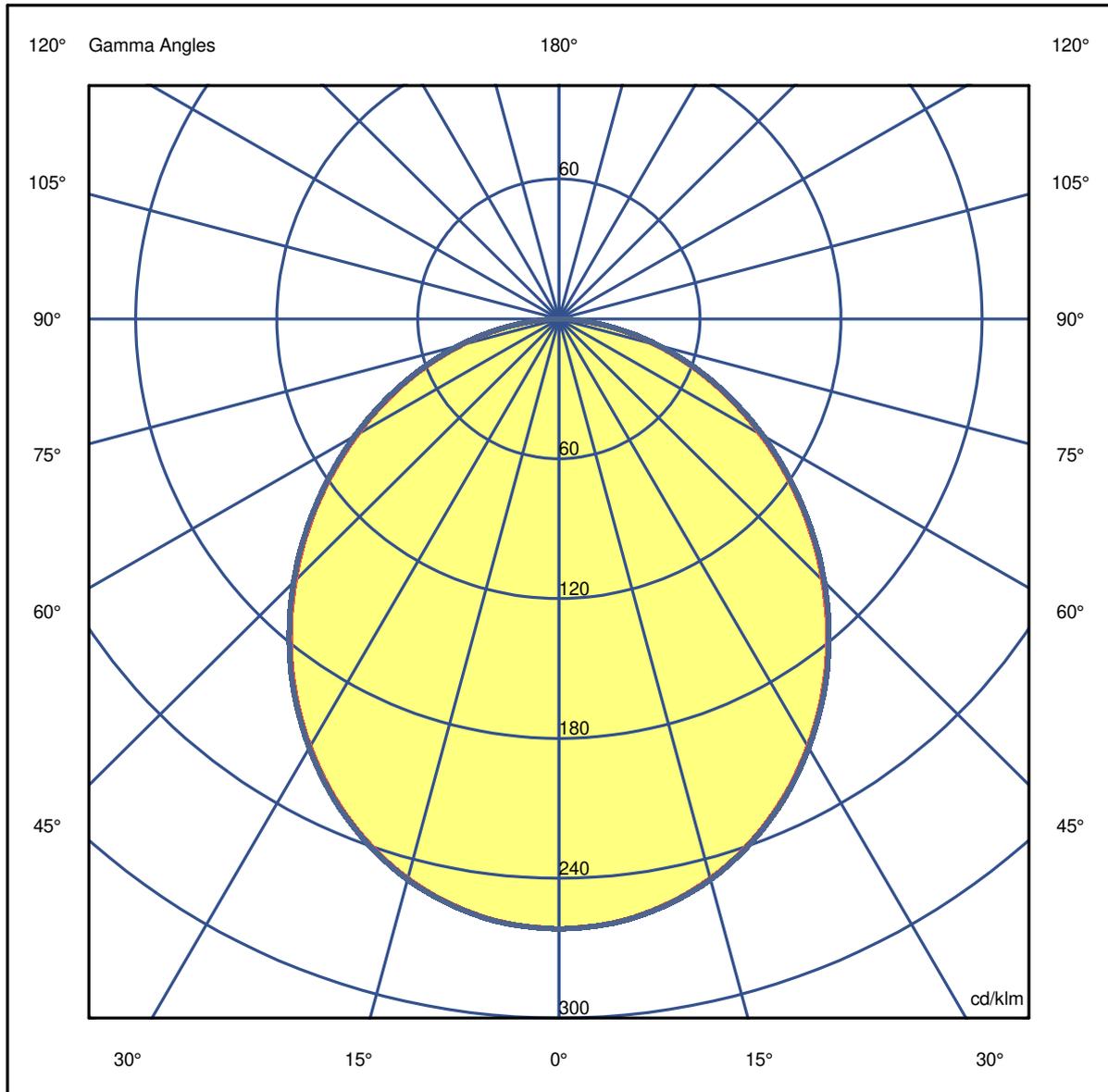
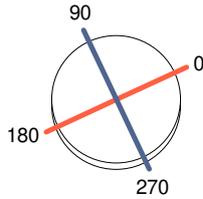
Code 26/7/2023
Name ROFY 60 /T D/I D1150 LIGHT+ K3 830 HO

| | | | | | | | |
|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 16848 lm | Luminaire Power | 136.9 W | Efficacy | 123.065 lm/W | Efficiency | 69.13% |
| Source Flux | 24372 lm | Maximum value | 261.70 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=1268mm

C Halfplanes

180.0  0.0
270.0  90.0



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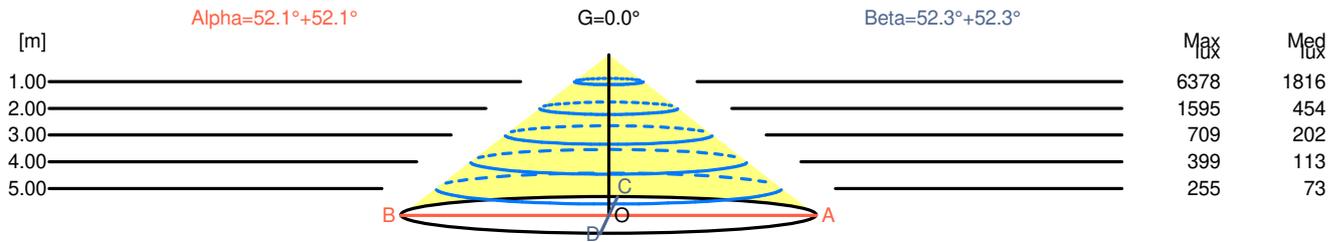
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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 16848 lm | Luminaire Power | 136.9 W | Efficacy | 123.065 lm/W | Efficiency | 69.13% |
| Source Flux | 24372 lm | Maximum value | 261.70 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 | 1.28 | 2.57 | 3.85 | 5.13 | 6.42 | OC | 1.29 | 2.59 | 3.88 | 5.17 | 6.46 |
| OB | 1.28 | 2.57 | 3.85 | 5.13 | 6.42 | OD | 1.29 | 2.59 | 3.88 | 5.17 | 6.46 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 6378.15 | 6341.59 | 6061.32 | 5517.82 | 4772.04 | 3872.71 | 2902.71 | 1949.76 | 1048.00 | 260.78 |
| OB | 6378.15 | 6341.59 | 6061.32 | 5517.82 | 4772.04 | 3872.71 | 2902.71 | 1949.76 | 1048.00 | 260.78 |
| OC | 6378.15 | 6344.03 | 6068.63 | 5530.01 | 4786.66 | 3892.21 | 2922.20 | 1969.26 | 1072.37 | 268.09 |
| OD | 6378.15 | 6344.03 | 6068.63 | 5530.01 | 4786.66 | 3892.21 | 2922.20 | 1969.26 | 1072.37 | 268.09 |



| H[m] | D[m] | Max lux | Med lux | Alpha=52.1°+52.1° | G=0.0 |  |
|------|-------|---------|---------|-------------------|-------|---|
| 1.00 | 2.57 | 6378 | 1816 | | | |
| 2.00 | 5.13 | 1595 | 454 | | | |
| 3.00 | 7.70 | 709 | 202 | | | |
| 4.00 | 10.27 | 399 | 113 | | | |
| 5.00 | 12.84 | 255 | 73 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=52.3°+52.3° | G=0.0 |  |
|------|-------|---------|---------|------------------|-------|---|
| 1.00 | 2.59 | 6378 | 1816 | | | |
| 2.00 | 5.17 | 1595 | 454 | | | |
| 3.00 | 7.76 | 709 | 202 | | | |
| 4.00 | 10.34 | 399 | 113 | | | |
| 5.00 | 12.93 | 255 | 73 | | | |

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 16848 lm | Luminaire Power | 136.9 W | Efficacy | 123.065 lm/W | Efficiency | 69.13% |
| Source Flux | 24372 lm | Maximum value | 261.70 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 | 16.8 | 18.1 | 17.1 | 18.3 | 18.6 | 16.8 | 18.1 | 17.2 | 18.4 | 18.6 |
| x=2H y=3H | 18.2 | 19.4 | 18.5 | 19.6 | 19.9 | 18.2 | 19.4 | 18.6 | 19.7 | 19.9 |
| x=2H y=4H | 18.7 | 19.8 | 19.0 | 20.1 | 20.4 | 18.7 | 19.8 | 19.1 | 20.1 | 20.4 |
| x=2H y=6H | 19.0 | 20.1 | 19.4 | 20.4 | 20.7 | 19.1 | 20.1 | 19.5 | 20.4 | 20.8 |
| x=2H y=8H | 19.1 | 20.1 | 19.5 | 20.4 | 20.8 | 19.2 | 20.2 | 19.6 | 20.5 | 20.8 |
| x=2H y=12H | 19.2 | 20.1 | 19.5 | 20.4 | 20.8 | 19.2 | 20.2 | 19.6 | 20.5 | 20.8 |
| x=4H y=2H | 17.4 | 18.5 | 17.8 | 18.8 | 19.1 | 17.5 | 18.6 | 17.8 | 18.8 | 19.1 |
| x=4H y=3H | 19.0 | 19.9 | 19.3 | 20.2 | 20.6 | 19.0 | 20.0 | 19.4 | 20.3 | 20.6 |
| x=4H y=4H | 19.6 | 20.4 | 20.0 | 20.8 | 21.2 | 19.7 | 20.5 | 20.1 | 20.8 | 21.2 |
| x=4H y=6H | 20.1 | 20.8 | 20.5 | 21.2 | 21.6 | 20.1 | 20.9 | 20.6 | 21.2 | 21.7 |
| x=4H y=8H | 20.2 | 20.9 | 20.6 | 21.3 | 21.7 | 20.3 | 20.9 | 20.7 | 21.3 | 21.8 |
| x=4H y=12H | 20.2 | 20.9 | 20.7 | 21.3 | 21.7 | 20.3 | 20.9 | 20.8 | 21.4 | 21.8 |
| x=8H y=4H | 19.9 | 20.5 | 20.3 | 20.9 | 21.3 | 19.9 | 20.6 | 20.3 | 21.0 | 21.4 |
| x=8H y=6H | 20.4 | 21.0 | 20.9 | 21.4 | 21.9 | 20.5 | 21.1 | 21.0 | 21.5 | 21.9 |
| x=8H y=8H | 20.6 | 21.1 | 21.1 | 21.5 | 22.0 | 20.7 | 21.2 | 21.2 | 21.6 | 22.1 |
| x=8H y=12H | 20.7 | 21.1 | 21.2 | 21.6 | 22.1 | 20.8 | 21.2 | 21.3 | 21.7 | 22.2 |
| x=12H y=4H | 19.9 | 20.5 | 20.3 | 20.9 | 21.3 | 19.9 | 20.5 | 20.4 | 20.9 | 21.4 |
| x=12H y=6H | 20.5 | 20.9 | 20.9 | 21.4 | 21.9 | 20.5 | 21.0 | 21.0 | 21.5 | 21.9 |
| x=12H y=8H | 20.7 | 21.1 | 21.2 | 21.6 | 22.1 | 20.7 | 21.2 | 21.2 | 21.6 | 22.1 |

Luminaire

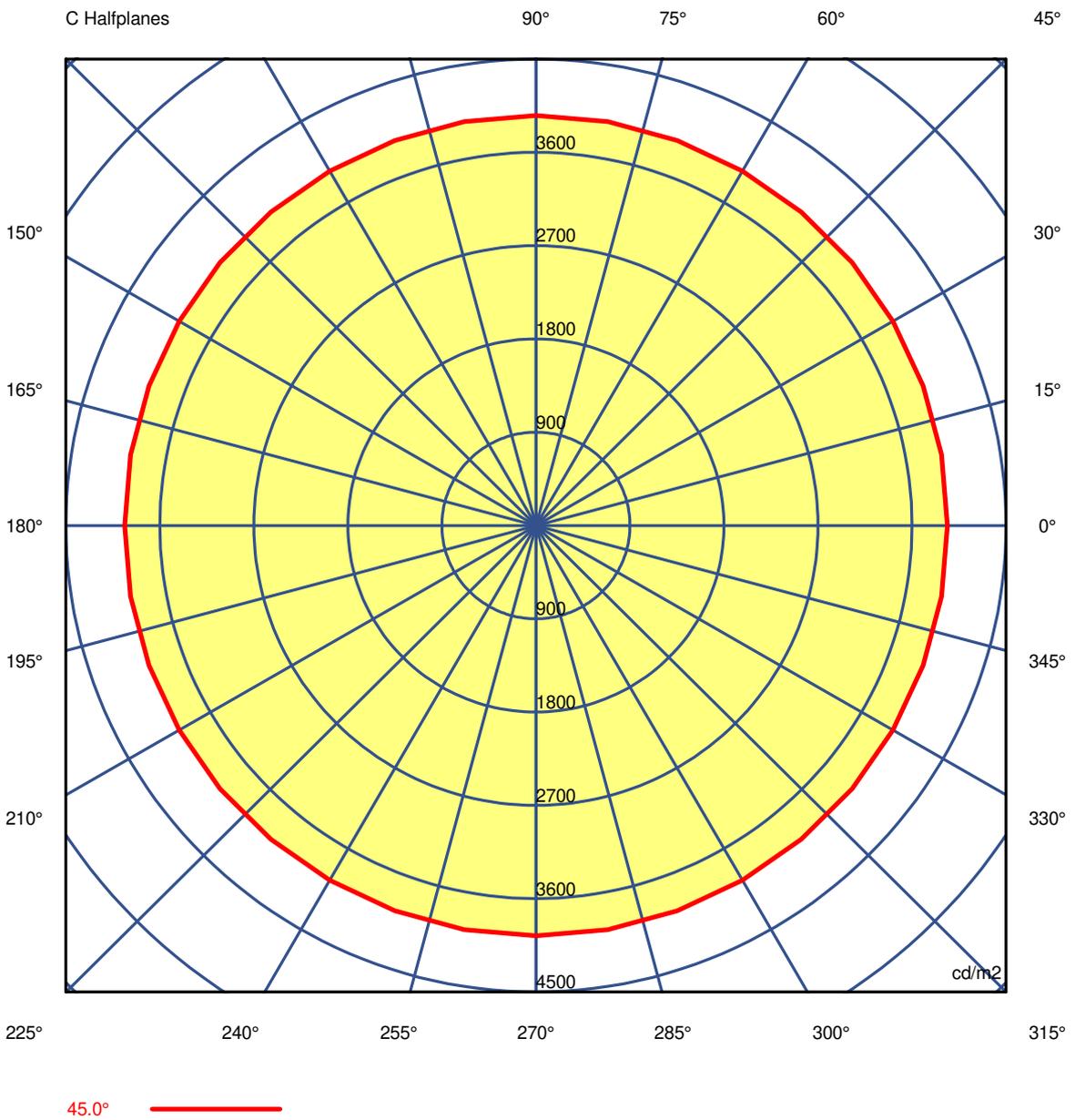
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| Luminaire Flux | 16848 lm | Luminaire Power | 136.9 W | Efficacy | 123.065 lm/W | Efficiency | 69.13% |
| Source Flux | 24372 lm | Maximum value | 261.70 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



Luminaire

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|----------------|----------|-----------------|---------------|----------|---------------|------------|--------------------|
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| Source Flux | 24372 lm | Maximum value | 261.70 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 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 |
| G 5.0 | 5127 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 |
| G 10.0 | 5040 | 5042 | 5042 | 5042 | 5042 | 5042 | 5042 | 5043 | 5044 | 5044 | 5044 | 5043 | 5042 |
| G 15.0 | 4937 | 4937 | 4938 | 4939 | 4939 | 4939 | 4939 | 4940 | 4942 | 4943 | 4942 | 4940 | 4939 |
| G 20.0 | 4813 | 4815 | 4815 | 4815 | 4816 | 4818 | 4819 | 4821 | 4821 | 4819 | 4821 | 4821 | 4819 |
| G 25.0 | 4671 | 4674 | 4675 | 4675 | 4676 | 4677 | 4679 | 4680 | 4681 | 4681 | 4681 | 4680 | 4679 |
| G 30.0 | 4514 | 4514 | 4515 | 4518 | 4518 | 4519 | 4522 | 4526 | 4527 | 4525 | 4527 | 4526 | 4522 |
| G 35.0 | 4341 | 4340 | 4339 | 4341 | 4346 | 4349 | 4350 | 4352 | 4353 | 4355 | 4353 | 4352 | 4350 |
| G 40.0 | 4148 | 4149 | 4151 | 4152 | 4156 | 4158 | 4159 | 4164 | 4167 | 4164 | 4167 | 4164 | 4159 |
| G 45.0 | 3938 | 3941 | 3943 | 3945 | 3949 | 3950 | 3950 | 3955 | 3957 | 3957 | 3957 | 3955 | 3950 |
| G 50.0 | 3711 | 3711 | 3713 | 3719 | 3721 | 3722 | 3724 | 3726 | 3728 | 3732 | 3728 | 3726 | 3724 |
| G 55.0 | 3464 | 3468 | 3471 | 3472 | 3474 | 3477 | 3481 | 3486 | 3487 | 3487 | 3487 | 3486 | 3481 |
| G 60.0 | 3204 | 3206 | 3209 | 3213 | 3220 | 3225 | 3226 | 3228 | 3231 | 3233 | 3231 | 3228 | 3226 |
| G 65.0 | 2923 | 2920 | 2921 | 2927 | 2935 | 2939 | 2941 | 2946 | 2950 | 2952 | 2950 | 2946 | 2941 |
| G 70.0 | 2596 | 2599 | 2602 | 2605 | 2610 | 2617 | 2626 | 2632 | 2634 | 2634 | 2634 | 2632 | 2626 |
| G 75.0 | 2203 | 2210 | 2214 | 2218 | 2227 | 2240 | 2249 | 2249 | 2250 | 2254 | 2250 | 2249 | 2249 |
| G 80.0 | 1706 | 1710 | 1714 | 1719 | 1727 | 1737 | 1745 | 1750 | 1751 | 1751 | 1751 | 1750 | 1745 |
| G 85.0 | 966 | 966 | 968 | 975 | 981 | 987 | 993 | 993 | 993 | 993 | 993 | 993 | 993 |
| G 90.0 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 |

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Measurement

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| Luminaire Flux | 16848 lm | Luminaire Power | 136.9 W | Efficacy | 123.065 lm/W | Efficiency | 69.13% |
| Source Flux | 24372 lm | Maximum value | 261.70 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 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 |
| G 5.0 | 5129 | 5129 | 5129 | 5129 | 5129 | 5127 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 |
| G 10.0 | 5042 | 5042 | 5042 | 5042 | 5042 | 5040 | 5042 | 5042 | 5042 | 5042 | 5042 | 5042 | 5043 |
| G 15.0 | 4939 | 4939 | 4939 | 4938 | 4937 | 4937 | 4937 | 4938 | 4939 | 4939 | 4939 | 4939 | 4940 |
| G 20.0 | 4818 | 4816 | 4815 | 4815 | 4815 | 4813 | 4815 | 4815 | 4815 | 4816 | 4818 | 4819 | 4821 |
| G 25.0 | 4677 | 4676 | 4675 | 4675 | 4674 | 4671 | 4674 | 4675 | 4675 | 4676 | 4677 | 4679 | 4680 |
| G 30.0 | 4519 | 4518 | 4518 | 4515 | 4514 | 4514 | 4514 | 4515 | 4518 | 4518 | 4519 | 4522 | 4526 |
| G 35.0 | 4349 | 4346 | 4341 | 4339 | 4340 | 4341 | 4340 | 4339 | 4341 | 4346 | 4349 | 4350 | 4352 |
| G 40.0 | 4158 | 4156 | 4152 | 4151 | 4149 | 4148 | 4149 | 4151 | 4152 | 4156 | 4158 | 4159 | 4164 |
| G 45.0 | 3950 | 3949 | 3945 | 3943 | 3941 | 3938 | 3941 | 3943 | 3945 | 3949 | 3950 | 3950 | 3955 |
| G 50.0 | 3722 | 3721 | 3719 | 3713 | 3711 | 3711 | 3711 | 3713 | 3719 | 3721 | 3722 | 3724 | 3726 |
| G 55.0 | 3477 | 3474 | 3472 | 3471 | 3468 | 3464 | 3468 | 3471 | 3472 | 3474 | 3477 | 3481 | 3486 |
| G 60.0 | 3225 | 3220 | 3213 | 3209 | 3206 | 3204 | 3206 | 3209 | 3213 | 3220 | 3225 | 3226 | 3228 |
| G 65.0 | 2939 | 2935 | 2927 | 2921 | 2920 | 2923 | 2920 | 2921 | 2927 | 2935 | 2939 | 2941 | 2946 |
| G 70.0 | 2617 | 2610 | 2605 | 2602 | 2599 | 2596 | 2599 | 2602 | 2605 | 2610 | 2617 | 2626 | 2632 |
| G 75.0 | 2240 | 2227 | 2218 | 2214 | 2210 | 2203 | 2210 | 2214 | 2218 | 2227 | 2240 | 2249 | 2249 |
| G 80.0 | 1737 | 1727 | 1719 | 1714 | 1710 | 1706 | 1710 | 1714 | 1719 | 1727 | 1737 | 1745 | 1750 |
| G 85.0 | 987 | 981 | 975 | 968 | 966 | 966 | 966 | 968 | 975 | 981 | 987 | 993 | 993 |
| G 90.0 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 |

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| Luminaire Flux | 16848 lm | Luminaire Power | 136.9 W | Efficacy | 123.065 lm/W | Efficiency | 69.13% |
| Source Flux | 24372 lm | Maximum value | 261.70 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 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 | 5197 |
| G 5.0 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 | 5129 |
| G 10.0 | 5044 | 5044 | 5044 | 5043 | 5042 | 5042 | 5042 | 5042 | 5042 | 5042 |
| G 15.0 | 4942 | 4943 | 4942 | 4940 | 4939 | 4939 | 4939 | 4939 | 4938 | 4937 |
| G 20.0 | 4821 | 4819 | 4821 | 4821 | 4819 | 4818 | 4816 | 4815 | 4815 | 4815 |
| G 25.0 | 4681 | 4681 | 4681 | 4680 | 4679 | 4677 | 4676 | 4675 | 4675 | 4674 |
| G 30.0 | 4527 | 4525 | 4527 | 4526 | 4522 | 4519 | 4518 | 4518 | 4515 | 4514 |
| G 35.0 | 4353 | 4355 | 4353 | 4352 | 4350 | 4349 | 4346 | 4341 | 4339 | 4340 |
| G 40.0 | 4167 | 4164 | 4167 | 4164 | 4159 | 4158 | 4156 | 4152 | 4151 | 4149 |
| G 45.0 | 3957 | 3957 | 3957 | 3955 | 3950 | 3950 | 3949 | 3945 | 3943 | 3941 |
| G 50.0 | 3728 | 3732 | 3728 | 3726 | 3724 | 3722 | 3721 | 3719 | 3713 | 3711 |
| G 55.0 | 3487 | 3487 | 3487 | 3486 | 3481 | 3477 | 3474 | 3472 | 3471 | 3468 |
| G 60.0 | 3231 | 3233 | 3231 | 3228 | 3226 | 3225 | 3220 | 3213 | 3209 | 3206 |
| G 65.0 | 2950 | 2952 | 2950 | 2946 | 2941 | 2939 | 2935 | 2927 | 2921 | 2920 |
| G 70.0 | 2634 | 2634 | 2634 | 2632 | 2626 | 2617 | 2610 | 2605 | 2602 | 2599 |
| G 75.0 | 2250 | 2254 | 2250 | 2249 | 2249 | 2240 | 2227 | 2218 | 2214 | 2210 |
| G 80.0 | 1751 | 1751 | 1751 | 1750 | 1745 | 1737 | 1727 | 1719 | 1714 | 1710 |
| G 85.0 | 993 | 993 | 993 | 993 | 993 | 987 | 981 | 975 | 968 | 966 |
| G 90.0 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 | 193 |