

Luminaire

Code 90587L600
Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

Measurem.

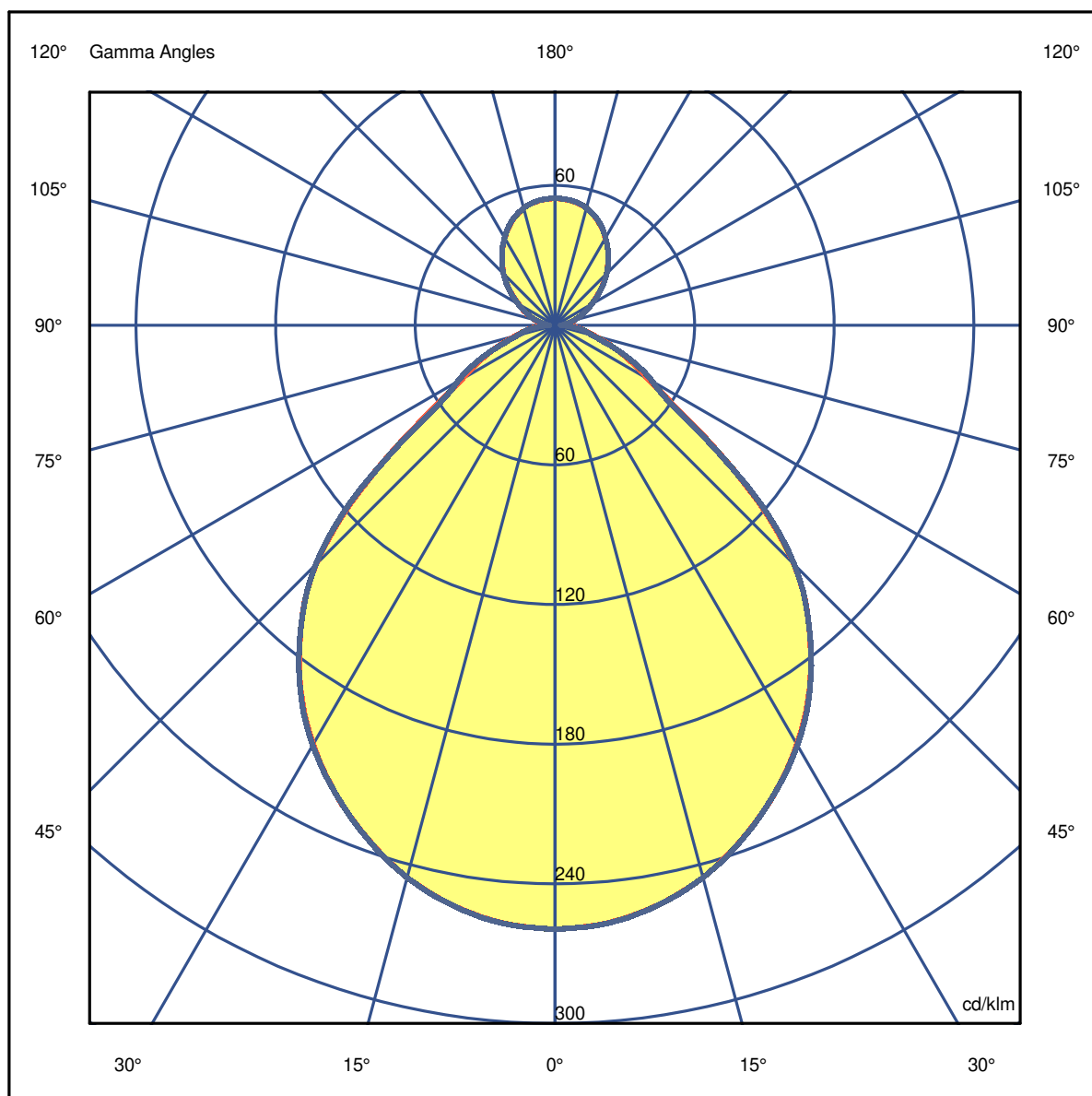
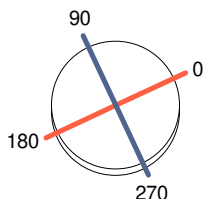
Code 26/7/2023
Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7014 lm | Luminaire Power | 56.3 W | Efficacy | 124.609 lm/W | Efficiency | 70.45% |
| Source Flux | 9956 lm | Maximum value | 259.40 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=600mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

Code 90587L600
Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

Measurem.

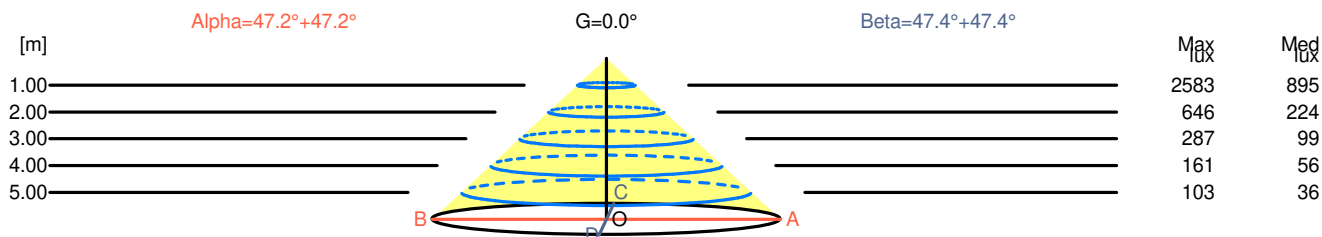
Code 26/7/2023
Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7014 lm | Luminaire Power | 56.3 W | Efficacy | 124.609 lm/W | Efficiency | 70.45% |
| Source Flux | 9956 lm | Maximum value | 259.40 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 | 1.08 | 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 | 2582.59 | 2566.66 | 2445.19 | 2215.21 | 1897.61 | 1446.61 | 672.03 | 351.45 | 173.23 | 80.64 |
| OB | 2582.59 | 2566.66 | 2445.19 | 2215.21 | 1897.61 | 1446.61 | 672.03 | 351.45 | 173.23 | 80.64 |
| OC | 2582.59 | 2567.65 | 2445.19 | 2215.21 | 1901.60 | 1448.60 | 648.14 | 369.37 | 165.27 | 66.71 |
| OD | 2582.59 | 2567.65 | 2445.19 | 2215.21 | 1901.60 | 1448.60 | 648.14 | 369.37 | 165.27 | 66.71 |



| H[m] | D[m] | Max lux | Med lux | Alpha=47.2°+47.2° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.16 | 2583 | 895 | | | |
| 2.00 | 4.33 | 646 | 224 | | | |
| 3.00 | 6.49 | 287 | 99 | | | |
| 4.00 | 8.65 | 161 | 56 | | | |
| 5.00 | 10.82 | 103 | 36 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=47.4°+47.4° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.17 | 2583 | 895 | | | |
| 2.00 | 4.35 | 646 | 224 | | | |
| 3.00 | 6.52 | 287 | 99 | | | |
| 4.00 | 8.70 | 161 | 56 | | | |
| 5.00 | 10.87 | 103 | 36 | | | |

Luminaire

Code 90587L600
Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

Measurem.

Code 26/7/2023
Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7014 lm | Luminaire Power | 56.3 W | Efficacy | 124.609 lm/W | Efficiency | 70.45% |
| Source Flux | 9956 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 | 15.7 | 16.6 | 16.2 | 17.2 | 17.8 | 16.0 | 17.0 | 16.5 | 17.5 | 18.1 |
| x=2H y=3H | 16.1 | 17.0 | 16.7 | 17.5 | 18.2 | 16.3 | 17.2 | 16.9 | 17.8 | 18.4 |
| x=2H y=4H | 16.3 | 17.1 | 16.9 | 17.7 | 18.3 | 16.5 | 17.3 | 17.1 | 17.9 | 18.5 |
| x=2H y=6H | 16.4 | 17.1 | 17.0 | 17.7 | 18.4 | 16.6 | 17.3 | 17.2 | 17.9 | 18.6 |
| x=2H y=8H | 16.4 | 17.2 | 17.1 | 17.8 | 18.5 | 16.6 | 17.3 | 17.2 | 17.9 | 18.6 |
| x=2H y=12H | 16.5 | 17.2 | 17.1 | 17.8 | 18.5 | 16.6 | 17.3 | 17.3 | 17.9 | 18.6 |
| x=4H y=2H | 16.0 | 16.7 | 16.6 | 17.3 | 18.0 | 16.3 | 17.0 | 16.8 | 17.6 | 18.3 |
| x=4H y=3H | 16.5 | 17.2 | 17.2 | 17.8 | 18.5 | 16.8 | 17.5 | 17.5 | 18.1 | 18.9 |
| x=4H y=4H | 16.7 | 17.3 | 17.4 | 18.0 | 18.7 | 17.0 | 17.6 | 17.7 | 18.3 | 19.0 |
| x=4H y=6H | 17.0 | 17.5 | 17.6 | 18.1 | 18.9 | 17.2 | 17.7 | 17.9 | 18.4 | 19.2 |
| x=4H y=8H | 17.0 | 17.5 | 17.8 | 18.2 | 19.0 | 17.3 | 17.8 | 18.0 | 18.5 | 19.3 |
| x=4H y=12H | 17.1 | 17.6 | 17.9 | 18.3 | 19.1 | 17.4 | 17.8 | 18.1 | 18.5 | 19.3 |
| x=8H y=4H | 16.8 | 17.3 | 17.5 | 18.0 | 18.8 | 17.1 | 17.6 | 17.8 | 18.3 | 19.1 |
| x=8H y=6H | 17.1 | 17.5 | 17.9 | 18.2 | 19.1 | 17.4 | 17.8 | 18.1 | 18.5 | 19.3 |
| x=8H y=8H | 17.3 | 17.6 | 18.1 | 18.4 | 19.2 | 17.5 | 17.9 | 18.3 | 18.6 | 19.5 |
| x=8H y=12H | 17.5 | 17.7 | 18.2 | 18.5 | 19.4 | 17.6 | 17.9 | 18.4 | 18.7 | 19.6 |
| x=12H y=4H | 16.8 | 17.2 | 17.5 | 17.9 | 18.7 | 17.1 | 17.5 | 17.8 | 18.2 | 19.0 |
| x=12H y=6H | 17.2 | 17.5 | 17.9 | 18.2 | 19.1 | 17.4 | 17.7 | 18.2 | 18.5 | 19.3 |
| x=12H y=8H | 17.4 | 17.6 | 18.1 | 18.4 | 19.3 | 17.6 | 17.8 | 18.3 | 18.6 | 19.5 |

Luminaire

Code 90587L600

| | |
|------|---------------------------------------|
| Code | 90587 E600 |
| Name | ROFY 60 D/I D0600 GCONTROL+ K3 830 HO |

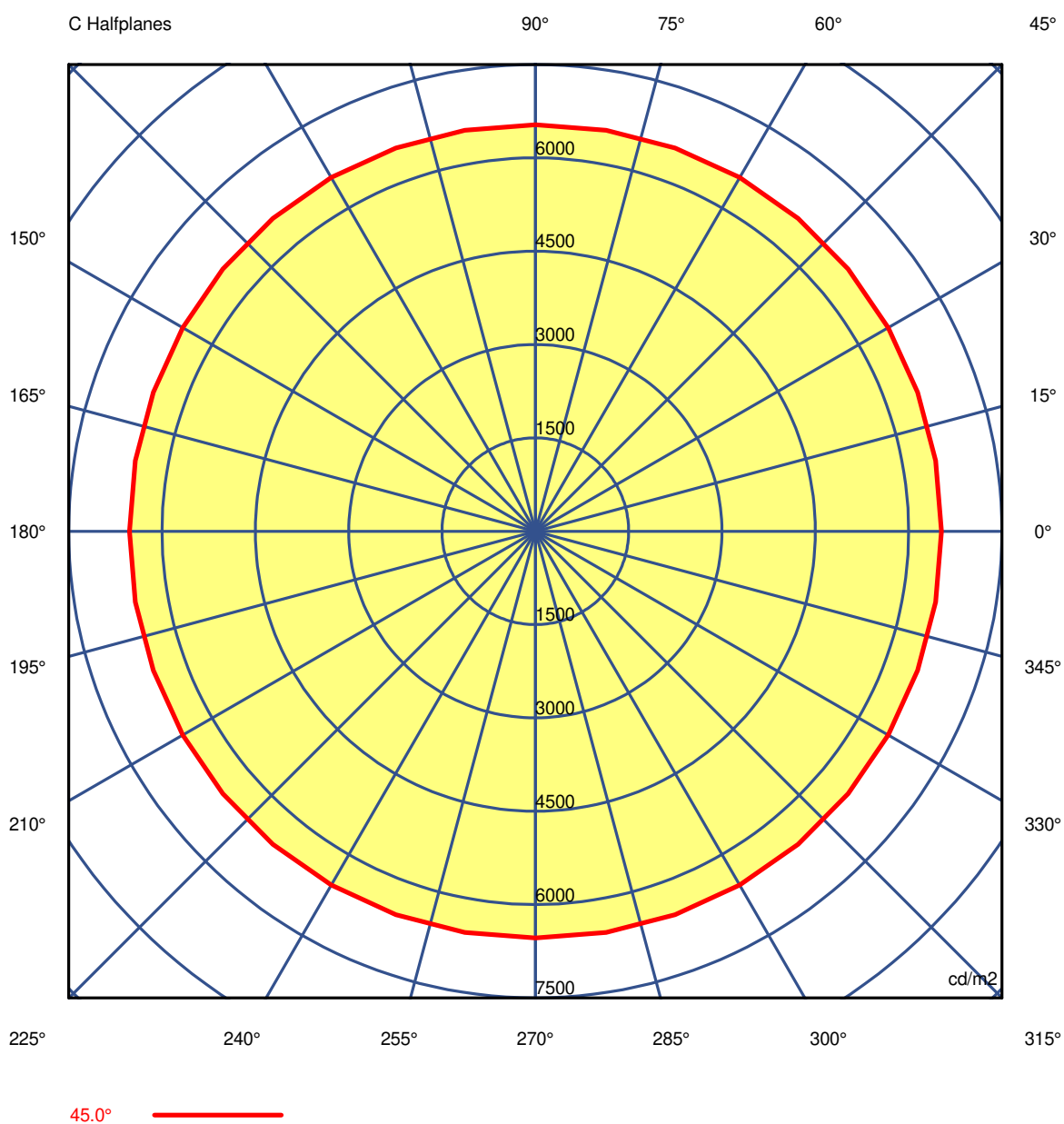
Measur.

Code 26/7/2023

| | |
|------|---------------------------------------|
| Code | ES/7/ESE |
| Name | ROFY 60 D/I D0600 GCONTROL+ K3 830 HO |

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7014 lm | Luminaire Power | 56.3 W | Efficacy | 124.609 lm/W | Efficiency | 70.45% |
| Source Flux | 9956 lm | Maximum value | 259.40 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Luminance



Luminaire

Code 90587L600

Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

Measurem.

Code 26/7/2023

Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

| | | | | | | | | | | | | | | | |
|-----------------|---------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|-----------|--|
| Luminaire Flux | 7014 lm | | Luminaire Power | | 56.3 W | | Efficacy | | 124.609 lm/W | | Efficiency | | 70.45% | | |
| Source Flux | 9956 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 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | |
| G 5.0 | 9595 | 9595 | 9595 | 9595 | 9598 | 9598 | 9595 | 9594 | 9596 | 9599 | 9596 | 9594 | 9595 | | |
| G 10.0 | 9372 | 9375 | 9376 | 9376 | 9379 | 9379 | 9376 | 9379 | 9380 | 9376 | 9380 | 9379 | 9376 | | |
| G 15.0 | 9125 | 9125 | 9127 | 9132 | 9136 | 9137 | 9136 | 9134 | 9130 | 9125 | 9130 | 9134 | 9136 | | |
| G 20.0 | 8824 | 8829 | 8837 | 8851 | 8870 | 8880 | 8877 | 8863 | 8846 | 8828 | 8846 | 8863 | 8877 | | |
| G 25.0 | 8511 | 8513 | 8517 | 8526 | 8539 | 8549 | 8549 | 8534 | 8519 | 8511 | 8519 | 8534 | 8549 | | |
| G 30.0 | 8166 | 8182 | 8173 | 8151 | 8151 | 8151 | 8151 | 8153 | 8162 | 8182 | 8162 | 8153 | 8151 | | |
| G 35.0 | 7755 | 7766 | 7751 | 7718 | 7699 | 7690 | 7690 | 7708 | 7738 | 7771 | 7738 | 7708 | 7690 | | |
| G 40.0 | 7226 | 7238 | 7234 | 7213 | 7192 | 7177 | 7179 | 7205 | 7225 | 7230 | 7225 | 7205 | 7179 | | |
| G 45.0 | 6526 | 6531 | 6538 | 6548 | 6561 | 6568 | 6566 | 6558 | 6547 | 6535 | 6547 | 6558 | 6566 | | |
| G 50.0 | 5151 | 5183 | 5264 | 5424 | 5533 | 5595 | 5592 | 5479 | 5334 | 5204 | 5334 | 5479 | 5592 | | |
| G 55.0 | 3501 | 3311 | 3622 | 4238 | 4484 | 4535 | 4534 | 4375 | 3971 | 3377 | 3971 | 4375 | 4534 | | |
| G 60.0 | 2637 | 2696 | 2768 | 2945 | 3306 | 3562 | 3486 | 3104 | 2815 | 2751 | 2815 | 3104 | 3486 | | |
| G 65.0 | 2248 | 2374 | 2314 | 2216 | 2630 | 3005 | 2904 | 2380 | 2135 | 2363 | 2135 | 2380 | 2904 | | |
| G 70.0 | 1850 | 1835 | 1780 | 1799 | 2159 | 2449 | 2367 | 1984 | 1818 | 1814 | 1818 | 1984 | 2367 | | |
| G 75.0 | 1493 | 1459 | 1377 | 1365 | 1594 | 1785 | 1734 | 1490 | 1358 | 1425 | 1358 | 1490 | 1734 | | |
| G 80.0 | 1318 | 1325 | 1364 | 1423 | 1458 | 1467 | 1444 | 1381 | 1326 | 1297 | 1326 | 1381 | 1444 | | |
| G 85.0 | 1118 | 1089 | 1095 | 1104 | 987 | 889 | 897 | 970 | 989 | 925 | 989 | 970 | 897 | | |
| G 90.0 | 687 | 673 | 660 | 646 | 623 | 584 | 545 | 531 | 515 | 485 | 515 | 531 | 545 | | |

Luminaire

Code 90587L600

Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

Measurem.

Code 26/7/2023

Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

| | | | | | | | | | | | | | | |
|-----------------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|--|
| Luminaire Flux | 7014 lm | | Luminaire Power | | 56.3 W | | Efficacy | | 124.609 lm/W | | Efficiency | | 70.45% | |
| Source Flux | 9956 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 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | |
| G 5.0 | 9598 | 9598 | 9595 | 9595 | 9595 | 9595 | 9595 | 9595 | 9595 | 9598 | 9598 | 9595 | 9594 | |
| G 10.0 | 9379 | 9379 | 9376 | 9376 | 9375 | 9372 | 9375 | 9376 | 9376 | 9379 | 9379 | 9376 | 9379 | |
| G 15.0 | 9137 | 9136 | 9132 | 9127 | 9125 | 9125 | 9125 | 9127 | 9132 | 9136 | 9137 | 9136 | 9134 | |
| G 20.0 | 8880 | 8870 | 8851 | 8837 | 8829 | 8824 | 8829 | 8837 | 8851 | 8870 | 8880 | 8877 | 8863 | |
| G 25.0 | 8549 | 8539 | 8526 | 8517 | 8513 | 8511 | 8513 | 8517 | 8526 | 8539 | 8549 | 8549 | 8534 | |
| G 30.0 | 8151 | 8151 | 8151 | 8173 | 8182 | 8166 | 8182 | 8173 | 8151 | 8151 | 8151 | 8151 | 8153 | |
| G 35.0 | 7690 | 7699 | 7718 | 7751 | 7766 | 7755 | 7766 | 7751 | 7718 | 7699 | 7690 | 7690 | 7708 | |
| G 40.0 | 7177 | 7192 | 7213 | 7234 | 7238 | 7226 | 7238 | 7234 | 7213 | 7192 | 7177 | 7179 | 7205 | |
| G 45.0 | 6568 | 6561 | 6548 | 6538 | 6531 | 6526 | 6531 | 6538 | 6548 | 6561 | 6568 | 6566 | 6558 | |
| G 50.0 | 5595 | 5533 | 5424 | 5264 | 5183 | 5151 | 5183 | 5264 | 5424 | 5533 | 5595 | 5592 | 5479 | |
| G 55.0 | 4535 | 4484 | 4238 | 3622 | 3311 | 3501 | 3311 | 3622 | 4238 | 4484 | 4535 | 4534 | 4375 | |
| G 60.0 | 3562 | 3306 | 2945 | 2768 | 2696 | 2637 | 2696 | 2768 | 2945 | 3306 | 3562 | 3486 | 3104 | |
| G 65.0 | 3005 | 2630 | 2216 | 2314 | 2374 | 2248 | 2374 | 2314 | 2216 | 2630 | 3005 | 2904 | 2380 | |
| G 70.0 | 2449 | 2159 | 1799 | 1780 | 1835 | 1850 | 1835 | 1780 | 1799 | 2159 | 2449 | 2367 | 1984 | |
| G 75.0 | 1785 | 1594 | 1365 | 1377 | 1459 | 1493 | 1459 | 1377 | 1365 | 1594 | 1785 | 1734 | 1490 | |
| G 80.0 | 1467 | 1458 | 1423 | 1364 | 1325 | 1318 | 1325 | 1364 | 1423 | 1458 | 1467 | 1444 | 1381 | |
| G 85.0 | 889 | 987 | 1104 | 1095 | 1089 | 1118 | 1089 | 1095 | 1104 | 987 | 889 | 897 | 970 | |
| G 90.0 | 584 | 623 | 646 | 660 | 673 | 687 | 673 | 660 | 646 | 623 | 584 | 545 | 531 | |

Luminaire

Code 90587L600

Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

Measurem.

Code 26/7/2023

Name ROFY 60 D/I D0600 GCONTROL+ K3 830 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7014 lm | Luminaire Power | 56.3 W | Efficacy | 124.609 lm/W | Efficiency | 70.45% |
| Source Flux | 9956 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 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 | 9775 |
| G 5.0 | 9596 | 9599 | 9596 | 9594 | 9595 | 9598 | 9598 | 9595 | 9595 | 9595 |
| G 10.0 | 9380 | 9376 | 9380 | 9379 | 9376 | 9379 | 9379 | 9376 | 9376 | 9375 |
| G 15.0 | 9130 | 9125 | 9130 | 9134 | 9136 | 9137 | 9136 | 9132 | 9127 | 9125 |
| G 20.0 | 8846 | 8828 | 8846 | 8863 | 8877 | 8880 | 8870 | 8851 | 8837 | 8829 |
| G 25.0 | 8519 | 8511 | 8519 | 8534 | 8549 | 8549 | 8539 | 8526 | 8517 | 8513 |
| G 30.0 | 8162 | 8182 | 8162 | 8153 | 8151 | 8151 | 8151 | 8151 | 8173 | 8182 |
| G 35.0 | 7738 | 7771 | 7738 | 7708 | 7690 | 7690 | 7699 | 7718 | 7751 | 7766 |
| G 40.0 | 7225 | 7230 | 7225 | 7205 | 7179 | 7177 | 7192 | 7213 | 7234 | 7238 |
| G 45.0 | 6547 | 6535 | 6547 | 6558 | 6566 | 6568 | 6561 | 6548 | 6538 | 6531 |
| G 50.0 | 5334 | 5204 | 5334 | 5479 | 5592 | 5595 | 5533 | 5424 | 5264 | 5183 |
| G 55.0 | 3971 | 3377 | 3971 | 4375 | 4534 | 4535 | 4484 | 4238 | 3622 | 3311 |
| G 60.0 | 2815 | 2751 | 2815 | 3104 | 3486 | 3562 | 3306 | 2945 | 2768 | 2696 |
| G 65.0 | 2135 | 2363 | 2135 | 2380 | 2904 | 3005 | 2630 | 2216 | 2314 | 2374 |
| G 70.0 | 1818 | 1814 | 1818 | 1984 | 2367 | 2449 | 2159 | 1799 | 1780 | 1835 |
| G 75.0 | 1358 | 1425 | 1358 | 1490 | 1734 | 1785 | 1594 | 1365 | 1377 | 1459 |
| G 80.0 | 1326 | 1297 | 1326 | 1381 | 1444 | 1467 | 1458 | 1423 | 1364 | 1325 |
| G 85.0 | 989 | 925 | 989 | 970 | 897 | 889 | 987 | 1104 | 1095 | 1089 |
| G 90.0 | 515 | 485 | 515 | 531 | 545 | 584 | 623 | 646 | 660 | 673 |