

Luminaire

Code 90583L300

Name ROFY 60 D0300 GCONTROL+ 840 HO

Measurem.

Code 4/8/2023

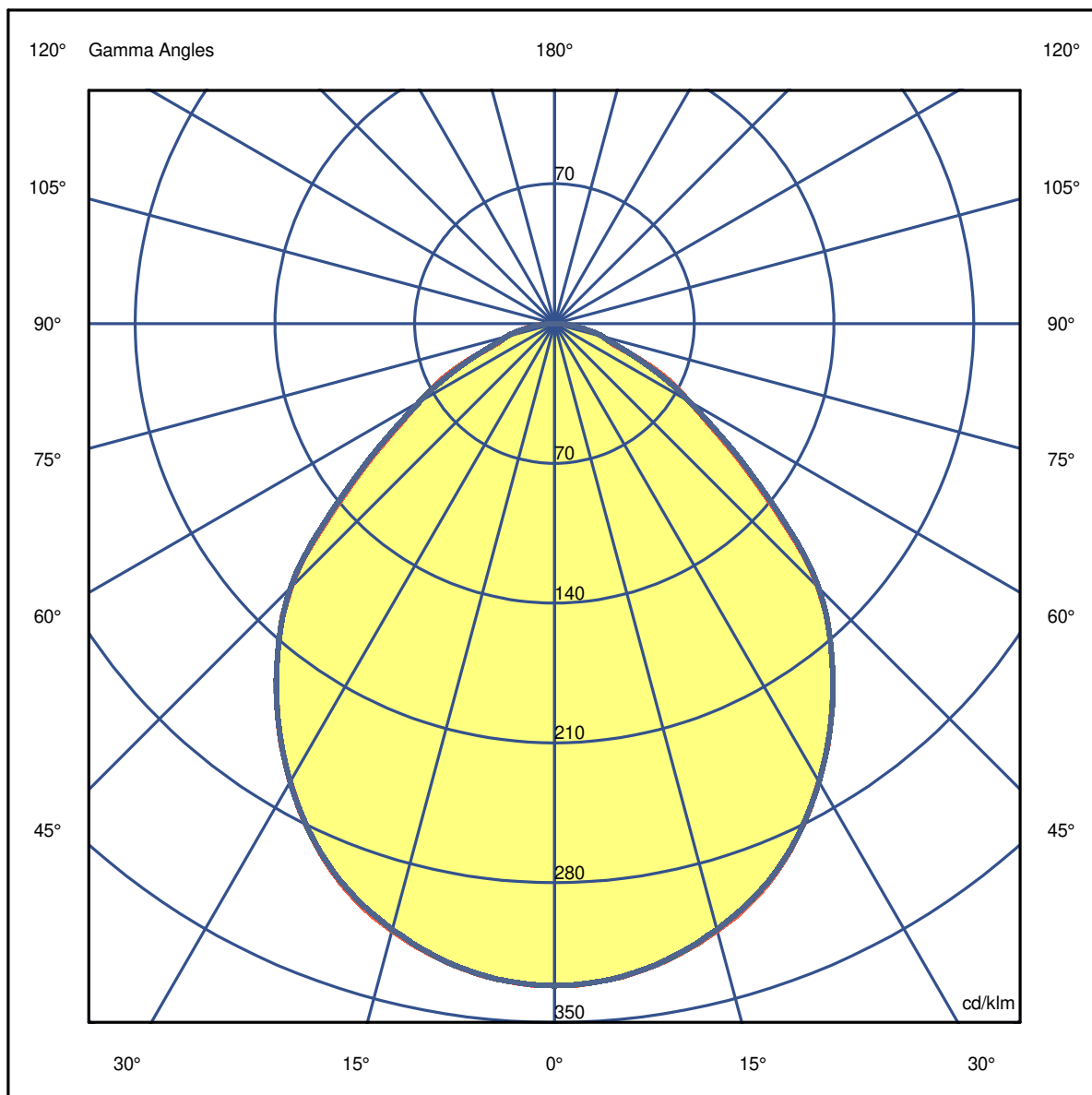
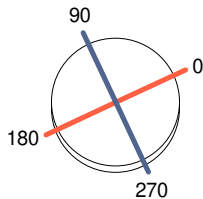
Name ROFY 60 D0300 GCONTROL+ 840 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1949 lm | Luminaire Power | 15.8 W | Efficacy | 123.519 lm/W | Efficiency | 72.14% |
| Source Flux | 2702 lm | Maximum value | 331.60 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=300mm

C Halfplanes

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

Code 90583L300
Name ROFY 60 D0300 GCONTROL+ 840 HO

Measurem.

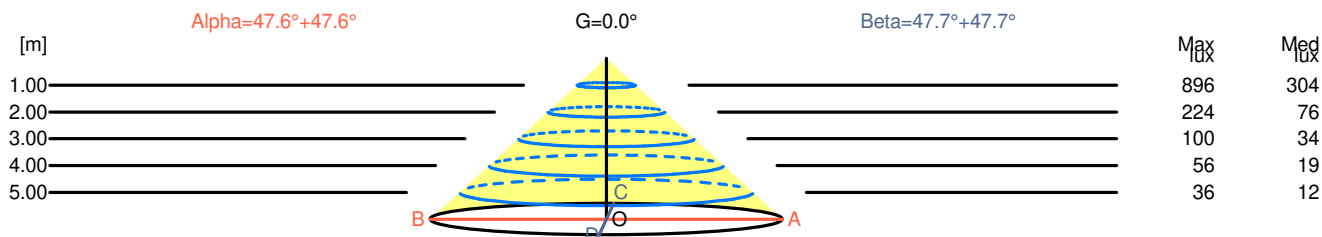
Code 4/8/2023
Name ROFY 60 D0300 GCONTROL+ 840 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1949 lm | Luminaire Power | 15.8 W | Efficacy | 123.519 lm/W | Efficiency | 72.14% |
| Source Flux | 2702 lm | Maximum value | 331.60 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 | 1.09 | 2.19 | 3.28 | 4.38 | 5.47 | OC | 1.10 | 2.20 | 3.30 | 4.40 | 5.50 |
| OB | 1.09 | 2.19 | 3.28 | 4.38 | 5.47 | OD | 1.10 | 2.20 | 3.30 | 4.40 | 5.50 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|
| OA | 895.98 | 890.58 | 850.05 | 771.69 | 652.53 | 504.46 | 283.98 | 155.09 | 67.01 | 19.18 |
| OB | 895.98 | 890.58 | 850.05 | 771.69 | 652.53 | 504.46 | 283.98 | 155.09 | 67.01 | 19.18 |
| OC | 895.98 | 890.31 | 848.97 | 771.15 | 652.80 | 505.81 | 288.57 | 147.80 | 67.55 | 18.64 |
| OD | 895.98 | 890.31 | 848.97 | 771.15 | 652.80 | 505.81 | 288.57 | 147.80 | 67.55 | 18.64 |



| H[m] | D[m] | Max lux | Med lux | Alpha=47.6°+47.6° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.19 | 896 | 304 | | | |
| 2.00 | 4.38 | 224 | 76 | | | |
| 3.00 | 6.57 | 100 | 34 | | | |
| 4.00 | 8.76 | 56 | 19 | | | |
| 5.00 | 10.95 | 36 | 12 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=47.7°+47.7° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.20 | 896 | 304 | | | |
| 2.00 | 4.40 | 224 | 76 | | | |
| 3.00 | 6.60 | 100 | 34 | | | |
| 4.00 | 8.79 | 56 | 19 | | | |
| 5.00 | 10.99 | 36 | 12 | | | |

Luminaire

Code 90583L300
Name ROFY 60 D0300 GCONTROL+ 840 HO

Measurem.

Code 4/8/2023
Name ROFY 60 D0300 GCONTROL+ 840 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1949 lm | Luminaire Power | 15.8 W | Efficacy | 123.519 lm/W | Efficiency | 72.14% |
| Source Flux | 2702 lm | Maximum value | 331.60 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 | 18.0 | 19.2 | 18.3 | 19.4 | 19.6 | 18.1 | 19.2 | 18.3 | 19.4 | 19.6 |
| x=2H y=3H | 18.6 | 19.6 | 18.9 | 19.9 | 20.2 | 18.6 | 19.6 | 18.9 | 19.9 | 20.2 |
| x=2H y=4H | 18.8 | 19.7 | 19.1 | 20.0 | 20.3 | 18.7 | 19.7 | 19.1 | 20.0 | 20.3 |
| x=2H y=6H | 18.9 | 19.8 | 19.2 | 20.1 | 20.4 | 18.9 | 19.8 | 19.2 | 20.1 | 20.4 |
| x=2H y=8H | 18.9 | 19.7 | 19.3 | 20.1 | 20.4 | 18.9 | 19.7 | 19.2 | 20.1 | 20.4 |
| x=2H y=12H | 18.9 | 19.7 | 19.3 | 20.0 | 20.4 | 18.9 | 19.7 | 19.2 | 20.0 | 20.3 |
| x=4H y=2H | 18.2 | 19.1 | 18.5 | 19.4 | 19.7 | 18.2 | 19.2 | 18.5 | 19.5 | 19.7 |
| x=4H y=3H | 18.9 | 19.7 | 19.2 | 20.0 | 20.3 | 18.9 | 19.7 | 19.2 | 20.0 | 20.3 |
| x=4H y=4H | 19.1 | 19.9 | 19.5 | 20.2 | 20.6 | 19.1 | 19.8 | 19.5 | 20.2 | 20.5 |
| x=4H y=6H | 19.3 | 20.0 | 19.8 | 20.3 | 20.7 | 19.3 | 20.0 | 19.7 | 20.3 | 20.7 |
| x=4H y=8H | 19.4 | 20.0 | 19.8 | 20.4 | 20.8 | 19.4 | 20.0 | 19.8 | 20.3 | 20.8 |
| x=4H y=12H | 19.4 | 19.9 | 19.9 | 20.3 | 20.8 | 19.4 | 19.9 | 19.8 | 20.3 | 20.7 |
| x=8H y=4H | 19.2 | 19.8 | 19.6 | 20.2 | 20.6 | 19.2 | 19.7 | 19.6 | 20.1 | 20.5 |
| x=8H y=6H | 19.5 | 20.0 | 19.9 | 20.4 | 20.8 | 19.5 | 19.9 | 19.9 | 20.4 | 20.8 |
| x=8H y=8H | 19.6 | 20.0 | 20.1 | 20.4 | 20.9 | 19.6 | 20.0 | 20.1 | 20.4 | 20.9 |
| x=8H y=12H | 19.6 | 20.0 | 20.1 | 20.5 | 21.0 | 19.6 | 20.0 | 20.1 | 20.5 | 21.0 |
| x=12H y=4H | 19.2 | 19.7 | 19.6 | 20.1 | 20.5 | 19.2 | 19.7 | 19.6 | 20.1 | 20.5 |
| x=12H y=6H | 19.5 | 19.9 | 20.0 | 20.3 | 20.8 | 19.5 | 19.9 | 20.0 | 20.3 | 20.8 |
| x=12H y=8H | 19.6 | 20.0 | 20.1 | 20.4 | 20.9 | 19.6 | 20.0 | 20.1 | 20.4 | 20.9 |

Luminaire

Code 90583L300

Name ROFY 60 D0300 GCONTROL+ 840 HO

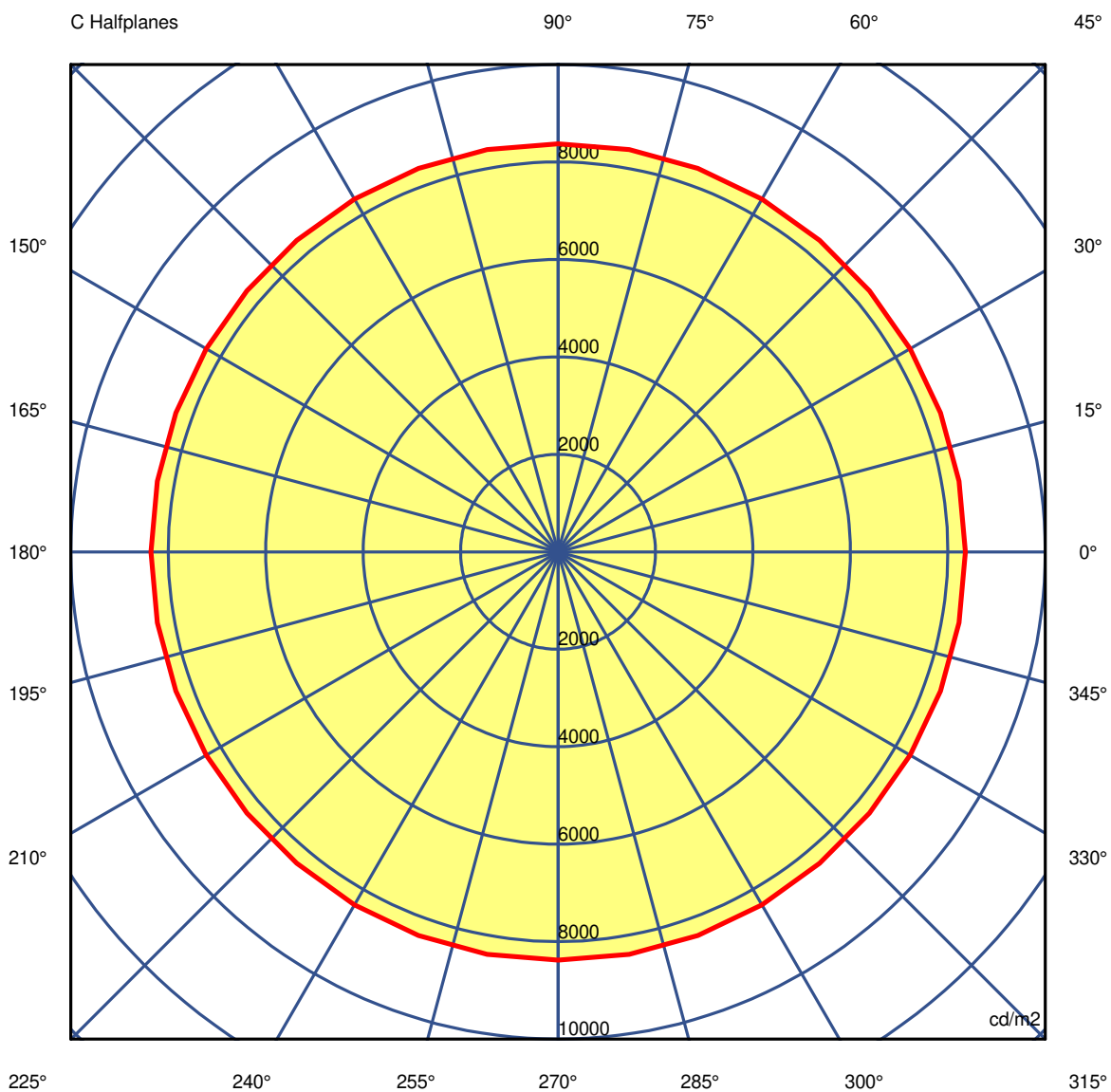
Measurem.

Code 4/8/2023

Name ROFY 60 D0300 GCONTROL+ 840 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 1949 lm | Luminaire Power | 15.8 W | Efficacy | 123.519 lm/W | Efficiency | 72.14% |
| Source Flux | 2702 lm | Maximum value | 331.60 cd/klm | Position | C=0.00 G=0.00 | CG Double Symmetrical | |

Luminance



45.0°

Luminaire

Code 90583L300

Name ROFY 60 D0300 GCONTROL+ 840 HO

Measurement

Code 4/8/2023

Name ROFY 60 D0300 GCONTROL+ 840 HO

| | | | | | | | | | | | | | | |
|--------------------------------|---------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Luminaire Flux | 1949 lm | | Luminaire Power | | 15.8 W | | Efficacy | | 123.519 lm/W | | Efficiency | | 72.14% | |
| Source Flux | 2702 lm | | Maximum value | | 331.60 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 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | |
| G 5.0 | 14044 | 14036 | 14037 | 14044 | 14045 | 14042 | 14039 | 14036 | 14036 | 14039 | 14036 | 14036 | 14039 | |
| G 10.0 | 13503 | 13503 | 13500 | 13495 | 13495 | 13492 | 13487 | 13488 | 13492 | 13495 | 13492 | 13488 | 13487 | |
| G 15.0 | 12951 | 12946 | 12937 | 12926 | 12919 | 12917 | 12918 | 12923 | 12929 | 12934 | 12929 | 12923 | 12918 | |
| G 20.0 | 12392 | 12371 | 12347 | 12322 | 12304 | 12295 | 12302 | 12327 | 12347 | 12355 | 12347 | 12327 | 12302 | |
| G 25.0 | 11716 | 11702 | 11691 | 11684 | 11672 | 11664 | 11667 | 11683 | 11699 | 11708 | 11699 | 11683 | 11667 | |
| G 30.0 | 10978 | 10970 | 10972 | 10990 | 11017 | 11020 | 10998 | 10979 | 10974 | 10974 | 10974 | 10979 | 10998 | |
| G 35.0 | 10181 | 10187 | 10204 | 10240 | 10268 | 10274 | 10253 | 10211 | 10191 | 10186 | 10191 | 10211 | 10253 | |
| G 40.0 | 9339 | 9346 | 9360 | 9382 | 9407 | 9409 | 9391 | 9373 | 9354 | 9330 | 9354 | 9373 | 9391 | |
| G 45.0 | 8356 | 8356 | 8353 | 8343 | 8337 | 8343 | 8361 | 8378 | 8384 | 8379 | 8384 | 8378 | 8361 | |
| G 50.0 | 6702 | 6839 | 6915 | 6819 | 6524 | 6518 | 6810 | 6923 | 6882 | 6791 | 6882 | 6923 | 6810 | |
| G 55.0 | 5181 | 5566 | 5391 | 4737 | 4240 | 4197 | 4658 | 5382 | 5628 | 5265 | 5628 | 5382 | 4658 | |
| G 60.0 | 4090 | 4079 | 3778 | 3175 | 3256 | 3294 | 3291 | 3815 | 4078 | 4095 | 4078 | 3815 | 3291 | |
| G 65.0 | 3259 | 3176 | 2891 | 2475 | 2655 | 2699 | 2543 | 2849 | 3056 | 3105 | 3056 | 2849 | 2543 | |
| G 70.0 | 2078 | 2271 | 2320 | 2190 | 1988 | 1970 | 2140 | 2257 | 2256 | 2172 | 2256 | 2257 | 2140 | |
| G 75.0 | 1721 | 1782 | 1695 | 1555 | 1589 | 1592 | 1555 | 1678 | 1767 | 1735 | 1767 | 1678 | 1555 | |
| G 80.0 | 1180 | 1244 | 1303 | 1330 | 1306 | 1307 | 1338 | 1323 | 1268 | 1195 | 1268 | 1323 | 1338 | |
| G 85.0 | 660 | 749 | 825 | 836 | 749 | 746 | 827 | 809 | 729 | 641 | 729 | 809 | 827 | |
| G 90.0 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | |

Luminaire

Code 90583L300

Name ROFY 60 D0300 GCONTROL+ 840 HO

Measurement

Code 4/8/2023

Name ROFY 60 D0300 GCONTROL+ 840 HO

| Luminaire Flux | 1949 lm | | Luminaire Power | | 15.8 W | | Efficacy | | 123.519 lm/W | | Efficiency | | 72.14% | |
|-----------------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|--|
| Source Flux | 2702 lm | | Maximum value | | 331.60 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 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | |
| G 5.0 | 14042 | 14045 | 14044 | 14037 | 14036 | 14044 | 14036 | 14037 | 14044 | 14045 | 14042 | 14039 | 14036 | |
| G 10.0 | 13492 | 13495 | 13495 | 13500 | 13503 | 13503 | 13503 | 13500 | 13495 | 13495 | 13492 | 13487 | 13488 | |
| G 15.0 | 12917 | 12919 | 12926 | 12937 | 12946 | 12951 | 12946 | 12937 | 12926 | 12919 | 12917 | 12918 | 12923 | |
| G 20.0 | 12295 | 12304 | 12322 | 12347 | 12371 | 12392 | 12371 | 12347 | 12322 | 12304 | 12295 | 12302 | 12327 | |
| G 25.0 | 11664 | 11672 | 11684 | 11691 | 11702 | 11716 | 11702 | 11691 | 11684 | 11672 | 11664 | 11667 | 11683 | |
| G 30.0 | 11020 | 11017 | 10990 | 10972 | 10970 | 10978 | 10970 | 10972 | 10990 | 11017 | 11020 | 10998 | 10979 | |
| G 35.0 | 10274 | 10268 | 10240 | 10204 | 10187 | 10181 | 10187 | 10204 | 10240 | 10268 | 10274 | 10253 | 10211 | |
| G 40.0 | 9409 | 9407 | 9382 | 9360 | 9346 | 9339 | 9346 | 9360 | 9382 | 9407 | 9409 | 9391 | 9373 | |
| G 45.0 | 8343 | 8337 | 8343 | 8353 | 8356 | 8356 | 8356 | 8353 | 8343 | 8337 | 8343 | 8361 | 8378 | |
| G 50.0 | 6518 | 6524 | 6819 | 6915 | 6839 | 6702 | 6839 | 6915 | 6819 | 6524 | 6518 | 6810 | 6923 | |
| G 55.0 | 4197 | 4240 | 4737 | 5391 | 5566 | 5181 | 5566 | 5391 | 4737 | 4240 | 4197 | 4658 | 5382 | |
| G 60.0 | 3294 | 3256 | 3175 | 3778 | 4079 | 4090 | 4079 | 3778 | 3175 | 3256 | 3294 | 3291 | 3815 | |
| G 65.0 | 2699 | 2655 | 2475 | 2891 | 3176 | 3259 | 3176 | 2891 | 2475 | 2655 | 2699 | 2543 | 2849 | |
| G 70.0 | 1970 | 1988 | 2190 | 2320 | 2271 | 2078 | 2271 | 2320 | 2190 | 1988 | 1970 | 2140 | 2257 | |
| G 75.0 | 1592 | 1589 | 1555 | 1695 | 1782 | 1721 | 1782 | 1695 | 1555 | 1589 | 1592 | 1555 | 1678 | |
| G 80.0 | 1307 | 1306 | 1330 | 1303 | 1244 | 1180 | 1244 | 1303 | 1306 | 1307 | 1307 | 1338 | 1323 | |
| G 85.0 | 746 | 749 | 836 | 825 | 749 | 660 | 749 | 825 | 836 | 749 | 746 | 827 | 809 | |
| G 90.0 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | |

Luminaire

Code 90583L300

Name ROFY 60 D0300 GCONTROL+ 840 HO

Measurem.

Code 4/8/2023

Name ROFY 60 D0300 GCONTROL+ 840 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 1949 lm | Luminaire Power | 15.8 W | Efficacy | 123.519 lm/W | Efficiency | 72.14% |
| Source Flux | 2702 lm | Maximum value | 331.60 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 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 | 14551 |
| G 5.0 | 14036 | 14039 | 14036 | 14036 | 14039 | 14042 | 14045 | 14044 | 14037 | 14036 |
| G 10.0 | 13492 | 13495 | 13492 | 13488 | 13487 | 13492 | 13495 | 13495 | 13500 | 13503 |
| G 15.0 | 12929 | 12934 | 12929 | 12923 | 12918 | 12917 | 12919 | 12926 | 12937 | 12946 |
| G 20.0 | 12347 | 12355 | 12347 | 12327 | 12302 | 12295 | 12304 | 12322 | 12347 | 12371 |
| G 25.0 | 11699 | 11708 | 11699 | 11683 | 11667 | 11664 | 11672 | 11684 | 11691 | 11702 |
| G 30.0 | 10974 | 10974 | 10974 | 10979 | 10998 | 11020 | 11017 | 10990 | 10972 | 10970 |
| G 35.0 | 10191 | 10186 | 10191 | 10211 | 10253 | 10274 | 10268 | 10240 | 10204 | 10187 |
| G 40.0 | 9354 | 9330 | 9354 | 9373 | 9391 | 9409 | 9407 | 9382 | 9360 | 9346 |
| G 45.0 | 8384 | 8379 | 8384 | 8378 | 8361 | 8343 | 8337 | 8343 | 8353 | 8356 |
| G 50.0 | 6882 | 6791 | 6882 | 6923 | 6810 | 6518 | 6524 | 6819 | 6915 | 6839 |
| G 55.0 | 5628 | 5265 | 5628 | 5382 | 4658 | 4197 | 4240 | 4737 | 5391 | 5566 |
| G 60.0 | 4078 | 4095 | 4078 | 3815 | 3291 | 3294 | 3256 | 3175 | 3778 | 4079 |
| G 65.0 | 3056 | 3105 | 3056 | 2849 | 2543 | 2699 | 2655 | 2475 | 2891 | 3176 |
| G 70.0 | 2256 | 2172 | 2256 | 2257 | 2140 | 1970 | 1988 | 2190 | 2320 | 2271 |
| G 75.0 | 1767 | 1735 | 1767 | 1678 | 1555 | 1592 | 1589 | 1555 | 1695 | 1782 |
| G 80.0 | 1268 | 1195 | 1268 | 1323 | 1338 | 1307 | 1306 | 1330 | 1303 | 1244 |
| G 85.0 | 729 | 641 | 729 | 809 | 827 | 746 | 749 | 836 | 825 | 749 |
| G 90.0 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |