

Luminaire

Code 90720L132

Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

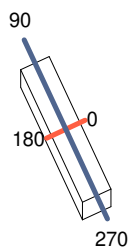
Measurem.

Code 9/8/2023

Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

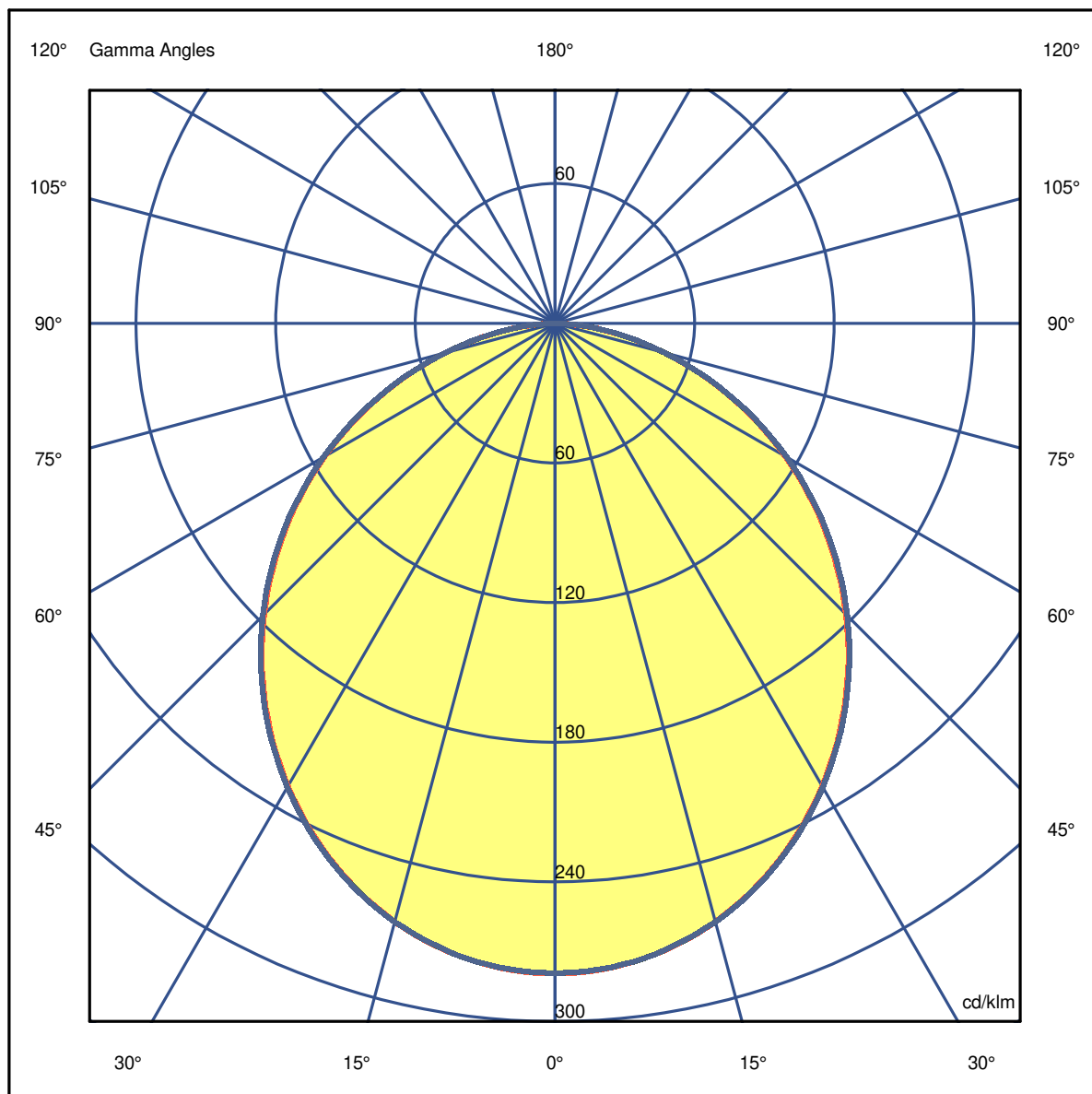
| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7586 lm | Luminaire Power | 56.2 W | Efficacy | 134.926 lm/W | Efficiency | 76.28% |
| Source Flux | 9945 lm | Maximum value | 279.30 cd/klm | Position | C=0.00 G=1.00 | CG | Double Symmetrical |

1342mm x 286mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



Luminaire

Code 90720L132

Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

Measurem.

Code 9/8/2023

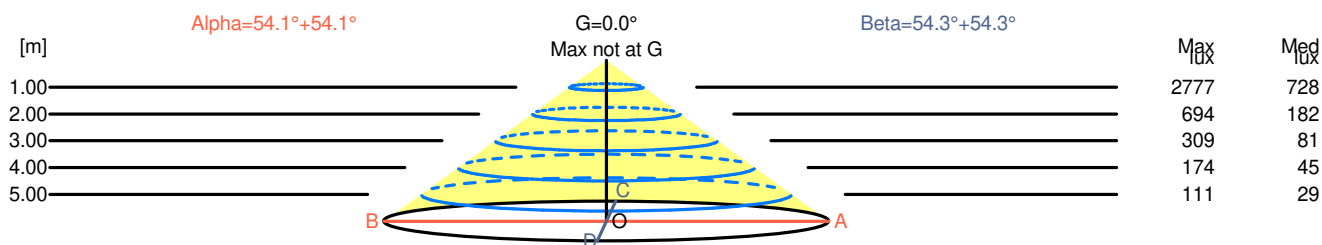
Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7586 lm | Luminaire Power | 56.2 W | Efficacy | 134.926 lm/W | Efficiency | 76.28% |
| Source Flux | 9945 lm | Maximum value | 279.30 cd/klm | Position | C=0.00 G=1.00 | 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 | 1.38 | 2.77 | 4.15 | 5.53 | 6.91 | OC | 1.39 | 2.79 | 4.18 | 5.57 | 6.96 |
| OB | 1.38 | 2.77 | 4.15 | 5.53 | 6.91 | OD | 1.39 | 2.79 | 4.18 | 5.57 | 6.96 |

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|----|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|
| OA | 2776.64 | 2763.72 | 2647.36 | 2424.59 | 2122.26 | 1758.28 | 1350.53 | 917.92 | 485.32 | 115.36 |
| OB | 2776.64 | 2763.72 | 2647.36 | 2424.59 | 2122.26 | 1758.28 | 1350.53 | 917.92 | 485.32 | 115.36 |
| OC | 2776.64 | 2762.72 | 2647.36 | 2429.56 | 2129.22 | 1766.23 | 1358.49 | 921.90 | 485.32 | 120.33 |
| OD | 2776.64 | 2762.72 | 2647.36 | 2429.56 | 2129.22 | 1766.23 | 1358.49 | 921.90 | 485.32 | 120.33 |



| H[m] | D[m] | Max lux | Med lux | Alpha=54.1°+54.1° | G=0.0 Max not at G |
|------|-------|---------|---------|-------------------|-----------------------|
| 1.00 | 2.77 | 2777 | 728 | | |
| 2.00 | 5.53 | 694 | 182 | | |
| 3.00 | 8.30 | 309 | 81 | | |
| 4.00 | 11.06 | 174 | 45 | | |
| 5.00 | 13.83 | 111 | 29 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=54.3°+54.3° | G=0.0 Max not at G |
|------|-------|---------|---------|------------------|-----------------------|
| 1.00 | 2.79 | 2777 | 728 | | |
| 2.00 | 5.57 | 694 | 182 | | |
| 3.00 | 8.36 | 309 | 81 | | |
| 4.00 | 11.14 | 174 | 45 | | |
| 5.00 | 13.93 | 111 | 29 | | |

Luminaire

Code 90720L132
Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

Measurem.

Code 9/8/2023
Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7586 lm | Luminaire Power | 56.2 W | Efficacy | 134.926 lm/W | Efficiency | 76.28% |
| Source Flux | 9945 lm | Maximum value | 279.30 cd/klm | Position | C=0.00 G=1.00 | 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 | 17.9 | 19.2 | 18.2 | 19.4 | 19.7 | 18.5 | 19.8 | 18.8 | 20.1 | 20.3 |
| x=2H y=3H | 19.2 | 20.3 | 19.5 | 20.6 | 20.9 | 20.0 | 21.2 | 20.3 | 21.4 | 21.7 |
| x=2H y=4H | 19.6 | 20.7 | 19.9 | 21.0 | 21.3 | 20.5 | 21.6 | 20.8 | 21.9 | 22.2 |
| x=2H y=6H | 19.8 | 20.9 | 20.2 | 21.2 | 21.5 | 20.9 | 21.9 | 21.2 | 22.2 | 22.5 |
| x=2H y=8H | 19.9 | 20.9 | 20.3 | 21.2 | 21.5 | 21.0 | 22.0 | 21.4 | 22.3 | 22.6 |
| x=2H y=12H | 19.9 | 20.9 | 20.3 | 21.2 | 21.5 | 21.0 | 22.0 | 21.4 | 22.3 | 22.7 |
| x=4H y=2H | 18.5 | 19.7 | 18.9 | 19.9 | 20.2 | 19.0 | 20.2 | 19.4 | 20.4 | 20.7 |
| x=4H y=3H | 19.9 | 20.9 | 20.3 | 21.2 | 21.6 | 20.6 | 21.6 | 21.0 | 21.9 | 22.2 |
| x=4H y=4H | 20.5 | 21.3 | 20.9 | 21.7 | 22.0 | 21.3 | 22.1 | 21.7 | 22.5 | 22.8 |
| x=4H y=6H | 20.8 | 21.6 | 21.3 | 22.0 | 22.3 | 21.8 | 22.5 | 22.2 | 22.9 | 23.3 |
| x=4H y=8H | 20.9 | 21.6 | 21.4 | 22.0 | 22.4 | 21.9 | 22.6 | 22.3 | 23.0 | 23.4 |
| x=4H y=12H | 21.0 | 21.6 | 21.4 | 22.0 | 22.4 | 22.0 | 22.6 | 22.4 | 23.0 | 23.5 |
| x=8H y=4H | 20.7 | 21.4 | 21.2 | 21.8 | 22.2 | 21.5 | 22.1 | 21.9 | 22.5 | 23.0 |
| x=8H y=6H | 21.2 | 21.7 | 21.6 | 22.2 | 22.6 | 22.0 | 22.6 | 22.5 | 23.0 | 23.5 |
| x=8H y=8H | 21.3 | 21.8 | 21.8 | 22.2 | 22.7 | 22.2 | 22.7 | 22.7 | 23.1 | 23.6 |
| x=8H y=12H | 21.4 | 21.8 | 21.9 | 22.3 | 22.8 | 22.3 | 22.8 | 22.8 | 23.2 | 23.7 |
| x=12H y=4H | 20.7 | 21.3 | 21.2 | 21.8 | 22.2 | 21.5 | 22.1 | 21.9 | 22.5 | 22.9 |
| x=12H y=6H | 21.2 | 21.7 | 21.7 | 22.1 | 22.6 | 22.0 | 22.5 | 22.5 | 23.0 | 23.5 |
| x=12H y=8H | 21.3 | 21.8 | 21.8 | 22.2 | 22.7 | 22.2 | 22.7 | 22.7 | 23.1 | 23.6 |

Luminaire

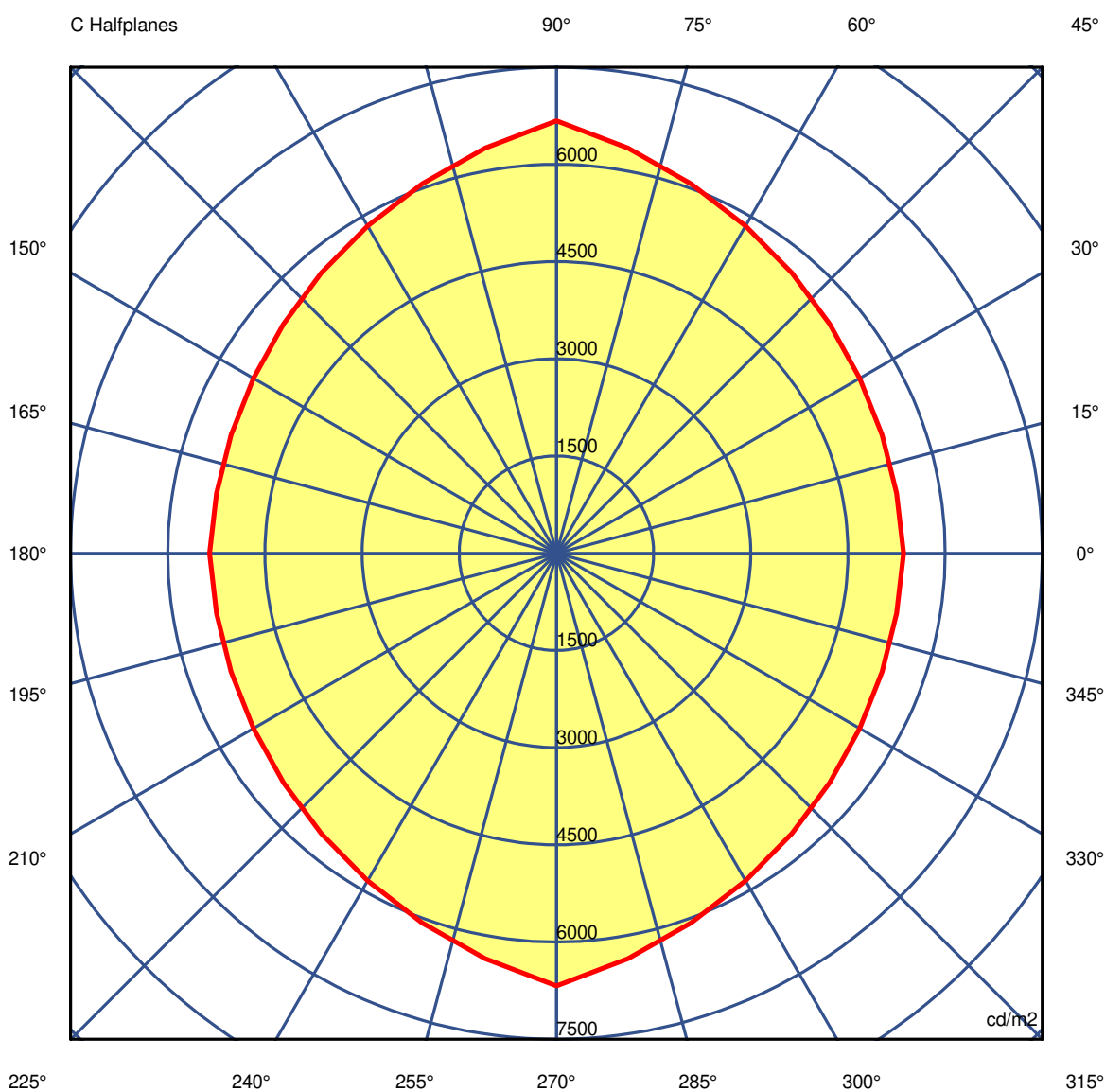
Code 90720L132
Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

Measurem.

Code 9/8/2023
Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|-----------------------|--------|
| Luminaire Flux | 7586 lm | Luminaire Power | 56.2 W | Efficacy | 134.926 lm/W | Efficiency | 76.28% |
| Source Flux | 9945 lm | Maximum value | 279.30 cd/klm | Position | C=0.00 G=1.00 | CG Double Symmetrical | |

Luminance



45.0°

Luminaire

Code 90720L132

Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

Measurem.

Code 9/8/2023

Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

| | | | | | | | | | | | | | | |
|-----------------|---------|---------|-----------------|---------|---------------|---------|----------|---------|---------------|---------|------------|----------|--------------------|--|
| Luminaire Flux | 7586 lm | | Luminaire Power | | 56.2 W | | Efficacy | | 134.926 lm/W | | Efficiency | | 76.28% | |
| Source Flux | 9945 lm | | Maximum value | | 279.30 cd/klm | | Position | | C=0.00 G=1.00 | | 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 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | |
| G 5.0 | 7675 | 7664 | 7665 | 7676 | 7687 | 7706 | 7735 | 7767 | 7803 | 7842 | 7803 | 7767 | 7735 | |
| G 10.0 | 7432 | 7418 | 7422 | 7443 | 7471 | 7506 | 7556 | 7621 | 7691 | 7760 | 7691 | 7621 | 7556 | |
| G 15.0 | 7179 | 7164 | 7169 | 7193 | 7232 | 7288 | 7363 | 7453 | 7553 | 7662 | 7553 | 7453 | 7363 | |
| G 20.0 | 6904 | 6890 | 6898 | 6929 | 6983 | 7056 | 7150 | 7268 | 7400 | 7540 | 7400 | 7268 | 7150 | |
| G 25.0 | 6621 | 6604 | 6616 | 6655 | 6713 | 6802 | 6922 | 7063 | 7223 | 7401 | 7223 | 7063 | 6922 | |
| G 30.0 | 6333 | 6311 | 6323 | 6366 | 6436 | 6537 | 6674 | 6841 | 7033 | 7248 | 7033 | 6841 | 6674 | |
| G 35.0 | 6020 | 5996 | 6010 | 6060 | 6142 | 6261 | 6417 | 6605 | 6824 | 7073 | 6824 | 6605 | 6417 | |
| G 40.0 | 5700 | 5676 | 5690 | 5741 | 5833 | 5964 | 6134 | 6348 | 6597 | 6880 | 6597 | 6348 | 6134 | |
| G 45.0 | 5359 | 5330 | 5346 | 5405 | 5506 | 5647 | 5834 | 6070 | 6349 | 6674 | 6349 | 6070 | 5834 | |
| G 50.0 | 4993 | 4966 | 4983 | 5046 | 5149 | 5303 | 5510 | 5763 | 6071 | 6440 | 6071 | 5763 | 5510 | |
| G 55.0 | 4598 | 4569 | 4587 | 4653 | 4763 | 4922 | 5139 | 5421 | 5763 | 6169 | 5763 | 5421 | 5139 | |
| G 60.0 | 4158 | 4131 | 4150 | 4215 | 4331 | 4501 | 4729 | 5018 | 5386 | 5848 | 5386 | 5018 | 4729 | |
| G 65.0 | 3665 | 3632 | 3649 | 3715 | 3831 | 4001 | 4234 | 4542 | 4940 | 5452 | 4940 | 4542 | 4234 | |
| G 70.0 | 3087 | 3053 | 3075 | 3149 | 3259 | 3427 | 3662 | 3968 | 4383 | 4954 | 4383 | 3968 | 3662 | |
| G 75.0 | 2432 | 2400 | 2420 | 2487 | 2589 | 2747 | 2974 | 3277 | 3698 | 4300 | 3698 | 3277 | 2974 | |
| G 80.0 | 1674 | 1658 | 1669 | 1710 | 1793 | 1930 | 2133 | 2415 | 2831 | 3473 | 2831 | 2415 | 2133 | |
| G 85.0 | 809 | 791 | 798 | 831 | 881 | 965 | 1096 | 1323 | 1665 | 2263 | 1665 | 1323 | 1096 | |
| G 90.0 | 106 | 104 | 105 | 110 | 119 | 130 | 144 | 183 | 262 | 484 | 262 | 183 | 144 | |

Luminaire

Code 90720L132

Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

Measurement

Code 9/8/2023

Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

| | | | | | | | | | | | | | | |
|---------------------------|----------|----------|-----------------|----------|---------------|----------|----------|----------|---------------|----------|------------|----------|--------------------|--|
| Luminaire Flux | 7586 lm | | Luminaire Power | | 56.2 W | | Efficacy | | 134.926 lm/W | | Efficiency | | 76.28% | |
| Source Flux | 9945 lm | | Maximum value | | 279.30 cd/klm | | Position | | C=0.00 G=1.00 | | 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 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | |
| G 5.0 | 7706 | 7687 | 7676 | 7665 | 7664 | 7675 | 7664 | 7665 | 7676 | 7687 | 7706 | 7735 | 7767 | |
| G 10.0 | 7506 | 7471 | 7443 | 7422 | 7418 | 7432 | 7418 | 7422 | 7443 | 7471 | 7506 | 7556 | 7621 | |
| G 15.0 | 7288 | 7232 | 7193 | 7169 | 7164 | 7179 | 7164 | 7169 | 7193 | 7232 | 7288 | 7363 | 7453 | |
| G 20.0 | 7056 | 6983 | 6929 | 6898 | 6890 | 6904 | 6890 | 6898 | 6929 | 6983 | 7056 | 7150 | 7268 | |
| G 25.0 | 6802 | 6713 | 6655 | 6616 | 6604 | 6621 | 6604 | 6616 | 6655 | 6713 | 6802 | 6922 | 7063 | |
| G 30.0 | 6537 | 6436 | 6366 | 6323 | 6311 | 6333 | 6311 | 6323 | 6366 | 6436 | 6537 | 6674 | 6841 | |
| G 35.0 | 6261 | 6142 | 6060 | 6010 | 5996 | 6020 | 5996 | 6010 | 6060 | 6142 | 6261 | 6417 | 6605 | |
| G 40.0 | 5964 | 5833 | 5741 | 5690 | 5676 | 5700 | 5676 | 5690 | 5741 | 5833 | 5964 | 6134 | 6348 | |
| G 45.0 | 5647 | 5506 | 5405 | 5346 | 5330 | 5359 | 5330 | 5346 | 5405 | 5506 | 5647 | 5834 | 6070 | |
| G 50.0 | 5303 | 5149 | 5046 | 4983 | 4966 | 4993 | 4966 | 4983 | 5046 | 5149 | 5303 | 5510 | 5763 | |
| G 55.0 | 4922 | 4763 | 4653 | 4587 | 4569 | 4598 | 4569 | 4587 | 4653 | 4763 | 4922 | 5139 | 5421 | |
| G 60.0 | 4501 | 4331 | 4215 | 4150 | 4131 | 4158 | 4131 | 4150 | 4215 | 4331 | 4501 | 4729 | 5018 | |
| G 65.0 | 4001 | 3831 | 3715 | 3649 | 3632 | 3665 | 3632 | 3649 | 3715 | 3831 | 4001 | 4234 | 4542 | |
| G 70.0 | 3427 | 3259 | 3149 | 3075 | 3053 | 3087 | 3053 | 3075 | 3149 | 3259 | 3427 | 3662 | 3968 | |
| G 75.0 | 2747 | 2589 | 2487 | 2420 | 2400 | 2432 | 2400 | 2420 | 2487 | 2589 | 2747 | 2974 | 3277 | |
| G 80.0 | 1930 | 1793 | 1710 | 1669 | 1658 | 1674 | 1658 | 1669 | 1710 | 1793 | 1930 | 2133 | 2415 | |
| G 85.0 | 965 | 881 | 831 | 798 | 791 | 809 | 791 | 798 | 831 | 881 | 965 | 1096 | 1323 | |
| G 90.0 | 130 | 119 | 110 | 105 | 104 | 106 | 104 | 105 | 110 | 119 | 130 | 144 | 183 | |

Luminaire

Code 90720L132

Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

Measurem.

Code 9/8/2023

Name ROFY 60 SQ L1342W286 LIGHT+ K3 830 HO

| | | | | | | | |
|----------------|---------|-----------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux | 7586 lm | Luminaire Power | 56.2 W | Efficacy | 134.926 lm/W | Efficiency | 76.28% |
| Source Flux | 9945 lm | Maximum value | 279.30 cd/klm | Position | C=0.00 G=1.00 | 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 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 | 7896 |
| G 5.0 | 7803 | 7842 | 7803 | 7767 | 7735 | 7706 | 7687 | 7676 | 7665 | 7664 |
| G 10.0 | 7691 | 7760 | 7691 | 7621 | 7556 | 7506 | 7471 | 7443 | 7422 | 7418 |
| G 15.0 | 7553 | 7662 | 7553 | 7453 | 7363 | 7288 | 7232 | 7193 | 7169 | 7164 |
| G 20.0 | 7400 | 7540 | 7400 | 7268 | 7150 | 7056 | 6983 | 6929 | 6898 | 6890 |
| G 25.0 | 7223 | 7401 | 7223 | 7063 | 6922 | 6802 | 6713 | 6655 | 6616 | 6604 |
| G 30.0 | 7033 | 7248 | 7033 | 6841 | 6674 | 6537 | 6436 | 6366 | 6323 | 6311 |
| G 35.0 | 6824 | 7073 | 6824 | 6605 | 6417 | 6261 | 6142 | 6060 | 6010 | 5996 |
| G 40.0 | 6597 | 6880 | 6597 | 6348 | 6134 | 5964 | 5833 | 5741 | 5690 | 5676 |
| G 45.0 | 6349 | 6674 | 6349 | 6070 | 5834 | 5647 | 5506 | 5405 | 5346 | 5330 |
| G 50.0 | 6071 | 6440 | 6071 | 5763 | 5510 | 5303 | 5149 | 5046 | 4983 | 4966 |
| G 55.0 | 5763 | 6169 | 5763 | 5421 | 5139 | 4922 | 4763 | 4653 | 4587 | 4569 |
| G 60.0 | 5386 | 5848 | 5386 | 5018 | 4729 | 4501 | 4331 | 4215 | 4150 | 4131 |
| G 65.0 | 4940 | 5452 | 4940 | 4542 | 4234 | 4001 | 3831 | 3715 | 3649 | 3632 |
| G 70.0 | 4383 | 4954 | 4383 | 3968 | 3662 | 3427 | 3259 | 3149 | 3075 | 3053 |
| G 75.0 | 3698 | 4300 | 3698 | 3277 | 2974 | 2747 | 2589 | 2487 | 2420 | 2400 |
| G 80.0 | 2831 | 3473 | 2831 | 2415 | 2133 | 1930 | 1793 | 1710 | 1669 | 1658 |
| G 85.0 | 1665 | 2263 | 1665 | 1323 | 1096 | 965 | 881 | 831 | 798 | 791 |
| G 90.0 | 262 | 484 | 262 | 183 | 144 | 130 | 119 | 110 | 105 | 104 |