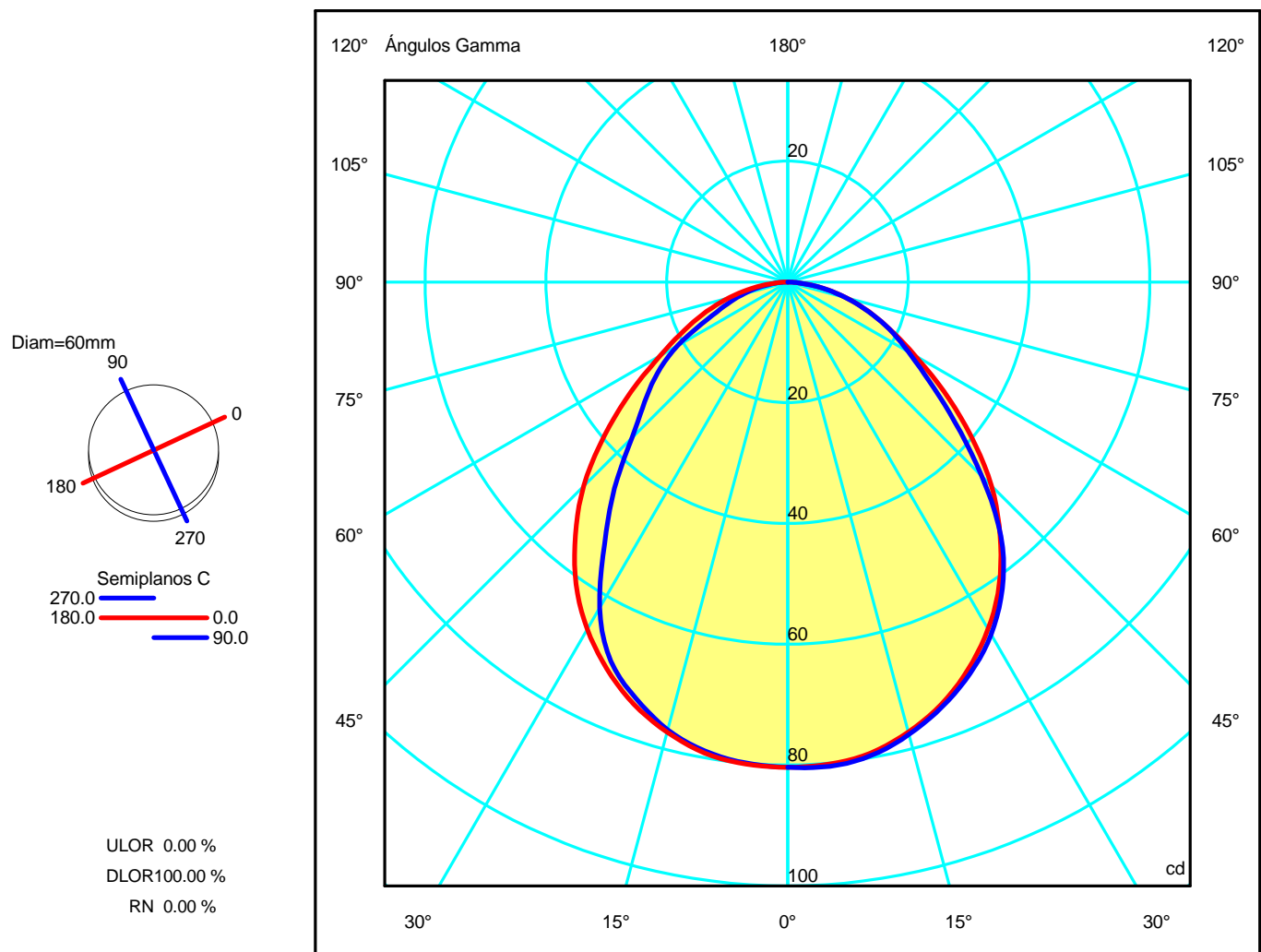


| | | | | | | | | | |
|-----------------------------|--------------|------------|-----------------|-------------------|----------|-----------------------------|----------------|-----------------------|-----------------------|
| Luminaire | | | | | | | | | |
| Code | 1660XX/XX | | | | | | | | |
| Name | PIN | | | | | | | | |
| Measur. | | | | | | | | | |
| Code | | | | | | | | | |
| Name | 2700K CRI 90 | | | | | | | | |
| Luminaire Flux | | 192.18 lm | Luminaire Power | | 6.03 W | Efficacy | 31.88 lm/W | Efficiency | 100.00% |
| Sources Flux | | 192.18 lm | Maximum value | | 80.54 cd | Position | C=75.00 G=4.00 | CG | Sym. on planes 270-90 |
| Round Luminaire | | | Diam. | | 60 mm | Height | 35 mm | | |
| Round Luminous Area | | | Diam. | | 51 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | | | 0.002043 m2 | | Emitting area on Plane 180° | | 0.000000 m2 | |
| Emitting area on Plane 0° | | | | 0.000000 m2 | | Emitting area on Plane 270° | | 0.000000 m2 | |
| Emitting area on Plane 90° | | | | 0.000000 m2 | | Glare area at 76° | | 0.000494 m2 | |
| Coordinate system | | CG | | | | Symmetry Type | | Sym. on planes 270-90 | |
| Date | | 26-07-2019 | | | | Maximum Gamma Angle | | 90 | |
| Measurement Distance | | 0.00 | | | | Measurement Flux | | 192.18 lm | |
| Operator | | Asselum T3 | | | | Rated Voltage | | | |
| Temperature | | 25.00 °C | | | | Rated Current | | | |
| Humidity | | 60.00 % | | | | Photocell | | | |
| Notes | | | | | | | | | |
| Luminaire Lamps | | | | | | | | | |
| Line | Code | | | Name | | Flux [lm] | Pow. [W] | Q.ty | |
| NICHIA NF2L757GRT-V1F1 sm27 | 1x 5750175 | | | 1x LED 4,5W 350mA | | 192.18 | 6.03 | 1 | |
| C.I.E. | 54 | 84 | 97 | 100 | 100 | D DIN 5040 | A40 | | |
| F UTE | 1.00 | D | | | | B NBN | BZ 4 | | |



Luminaire
 Code 1660XX/XX
 Name PIN
Measur.
 Code
 Name 2700K CRI 90

| | | | | | | | |
|----------------|-----------|-----------------|----------|----------|----------------|------------|-----------------------|
| Luminaire Flux | 192.18 lm | Luminaire Power | 6.03 W | Efficacy | 31.88 lm/W | Efficiency | 100.00% |
| Sources Flux | 192.18 lm | Maximum value | 80.54 cd | Position | C=75.00 G=4.00 | CG | Sym. on planes 270-90 |

| Luminous Intensity Table cd Table 1/2 | | | | | | | | | | | | | |
|---------------------------------------|----------|----------|----------|----------|----------|----------|--------|---------|---------|---------|---------|---------|---------|
| | C 270.00 | C 285.00 | C 300.00 | C 315.00 | C 330.00 | C 345.00 | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
| G 0.0 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| G 1.0 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| G 2.0 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| G 3.0 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 81 | 81 |
| G 4.0 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 81 | 81 |
| G 5.0 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 81 | 80 |
| G 6.0 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| G 7.0 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| G 8.0 | 79 | 79 | 79 | 79 | 79 | 80 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| G 9.0 | 79 | 79 | 79 | 79 | 79 | 79 | 80 | 80 | 80 | 80 | 80 | 80 | 80 |
| G 10.0 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 80 | 80 | 80 |
| G 11.0 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 | 79 |
| G 12.0 | 78 | 78 | 78 | 79 | 78 | 78 | 78 | 79 | 79 | 79 | 79 | 79 | 79 |
| G 13.0 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 78 | 79 | 79 | 78 |
| G 14.0 | 77 | 77 | 77 | 78 | 77 | 77 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| G 15.0 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 77 | 78 | 78 | 78 | 78 |
| G 16.0 | 76 | 76 | 76 | 77 | 76 | 76 | 77 | 77 | 77 | 77 | 77 | 77 | 77 |
| G 17.0 | 75 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 76 | 77 | 77 | 77 | 77 |
| G 18.0 | 75 | 75 | 75 | 76 | 75 | 75 | 76 | 76 | 76 | 76 | 76 | 76 | 76 |
| G 19.0 | 74 | 74 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| G 20.0 | 73 | 74 | 74 | 74 | 74 | 74 | 74 | 75 | 75 | 75 | 75 | 75 | 75 |
| G 21.0 | 73 | 73 | 73 | 73 | 74 | 73 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| G 22.0 | 72 | 72 | 72 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 73 | 74 | 74 |
| G 23.0 | 71 | 71 | 72 | 72 | 72 | 72 | 72 | 72 | 73 | 73 | 73 | 73 | 73 |
| G 24.0 | 70 | 70 | 71 | 71 | 71 | 71 | 72 | 72 | 72 | 72 | 72 | 72 | 72 |
| G 25.0 | 69 | 70 | 70 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 71 | 72 |
| G 26.0 | 68 | 69 | 69 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 70 | 71 | 71 |
| G 27.0 | 67 | 68 | 68 | 69 | 69 | 69 | 69 | 69 | 69 | 70 | 70 | 70 | 70 |
| G 28.0 | 65 | 66 | 67 | 68 | 68 | 68 | 68 | 68 | 68 | 69 | 69 | 69 | 69 |
| G 29.0 | 64 | 65 | 66 | 67 | 67 | 67 | 67 | 67 | 68 | 68 | 68 | 68 | 68 |
| G 30.0 | 62 | 64 | 65 | 66 | 66 | 66 | 66 | 67 | 67 | 67 | 67 | 67 | 67 |
| G 31.0 | 60 | 62 | 63 | 65 | 65 | 65 | 65 | 65 | 66 | 66 | 66 | 66 | 66 |
| G 32.0 | 59 | 60 | 62 | 64 | 64 | 64 | 64 | 64 | 64 | 65 | 65 | 65 | 65 |
| G 33.0 | 57 | 58 | 61 | 63 | 63 | 63 | 63 | 63 | 63 | 64 | 64 | 64 | 64 |
| G 34.0 | 55 | 56 | 59 | 62 | 62 | 62 | 62 | 62 | 62 | 62 | 63 | 63 | 63 |
| G 35.0 | 53 | 54 | 57 | 60 | 61 | 61 | 61 | 61 | 61 | 61 | 62 | 62 | 62 |
| G 36.0 | 51 | 52 | 56 | 59 | 60 | 60 | 60 | 60 | 60 | 60 | 60 | 61 | 61 |
| G 37.0 | 49 | 51 | 54 | 58 | 59 | 58 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |
| G 38.0 | 48 | 49 | 52 | 57 | 58 | 57 | 57 | 57 | 57 | 58 | 58 | 58 | 58 |
| G 39.0 | 46 | 47 | 51 | 55 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 56 | 57 |
| G 40.0 | 45 | 46 | 49 | 54 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 | 55 |
| G 41.0 | 43 | 44 | 47 | 53 | 54 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| G 42.0 | 41 | 42 | 46 | 51 | 52 | 52 | 52 | 52 | 52 | 52 | 51 | 52 | 51 |
| G 43.0 | 40 | 41 | 45 | 50 | 51 | 51 | 51 | 50 | 50 | 50 | 50 | 50 | 49 |
| G 44.0 | 38 | 39 | 43 | 49 | 50 | 49 | 49 | 49 | 48 | 48 | 48 | 48 | 47 |
| G 45.0 | 36 | 38 | 42 | 47 | 48 | 48 | 48 | 47 | 47 | 46 | 46 | 46 | 45 |
| G 46.0 | 35 | 36 | 41 | 46 | 47 | 46 | 46 | 46 | 45 | 45 | 44 | 44 | 44 |
| G 47.0 | 34 | 35 | 39 | 45 | 46 | 45 | 45 | 44 | 43 | 43 | 42 | 42 | 42 |
| G 48.0 | 33 | 34 | 38 | 44 | 44 | 43 | 42 | 41 | 41 | 41 | 41 | 40 | 40 |
| G 49.0 | 32 | 32 | 37 | 42 | 43 | 42 | 41 | 41 | 40 | 39 | 39 | 38 | 38 |
| G 50.0 | 31 | 31 | 35 | 41 | 41 | 40 | 40 | 39 | 38 | 37 | 37 | 37 | 36 |
| G 51.0 | 30 | 30 | 34 | 39 | 39 | 39 | 38 | 37 | 36 | 36 | 35 | 35 | 35 |
| G 52.0 | 29 | 29 | 33 | 38 | 38 | 37 | 36 | 36 | 35 | 34 | 33 | 33 | 33 |
| G 53.0 | 28 | 28 | 32 | 36 | 36 | 35 | 35 | 34 | 33 | 32 | 32 | 32 | 31 |
| G 54.0 | 27 | 28 | 30 | 34 | 35 | 34 | 33 | 32 | 31 | 31 | 30 | 30 | 30 |
| G 55.0 | 26 | 27 | 29 | 33 | 33 | 32 | 32 | 31 | 30 | 29 | 29 | 29 | 29 |
| G 56.0 | 25 | 26 | 28 | 31 | 31 | 30 | 30 | 29 | 28 | 28 | 28 | 28 | 27 |
| G 57.0 | 24 | 25 | 27 | 30 | 30 | 29 | 29 | 28 | 27 | 27 | 26 | 27 | 26 |
| G 58.0 | 23 | 24 | 26 | 28 | 28 | 27 | 27 | 26 | 26 | 25 | 25 | 25 | 25 |
| G 59.0 | 22 | 23 | 24 | 27 | 27 | 26 | 26 | 25 | 24 | 24 | 24 | 24 | 24 |
| G 60.0 | 21 | 22 | 23 | 25 | 25 | 25 | 24 | 24 | 23 | 23 | 23 | 23 | 23 |
| G 61.0 | 20 | 21 | 22 | 24 | 24 | 23 | 23 | 23 | 22 | 22 | 22 | 22 | 22 |
| G 62.0 | 18 | 20 | 21 | 23 | 22 | 22 | 22 | 22 | 21 | 21 | 21 | 21 | 21 |
| G 63.0 | 17 | 19 | 20 | 21 | 21 | 21 | 21 | 21 | 20 | 20 | 20 | 20 | 20 |
| G 64.0 | 16 | 18 | 19 | 20 | 20 | 20 | 20 | 20 | 19 | 19 | 19 | 20 | 19 |
| G 65.0 | 15 | 17 | 18 | 19 | 19 | 19 | 19 | 19 | 18 | 19 | 18 | 19 | 19 |
| G 66.0 | 14 | 16 | 17 | 18 | 18 | 18 | 18 | 18 | 18 | 18 | 17 | 18 | 18 |
| G 67.0 | 13 | 15 | 16 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| G 68.0 | 12 | 14 | 15 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| G 69.0 | 11 | 13 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| G 70.0 | 11 | 12 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| G 71.0 | 10 | 12 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| G 72.0 | 9 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 13 | 12 |

Luminaire

Code 1660XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

| | | | | | | | |
|----------------|-----------|-----------------|----------|----------|----------------|------------|-----------------------|
| Luminaire Flux | 192.18 lm | Luminaire Power | 6.03 W | Efficacy | 31.88 lm/W | Efficiency | 100.00% |
| Sources Flux | 192.18 lm | Maximum value | 80.54 cd | Position | C=75.00 G=4.00 | CG | Sym. on planes 270-90 |

Luminous Intensity Table cd Table 2/2

| | C 270.00 | C 285.00 | C 300.00 | C 315.00 | C 330.00 | C 345.00 | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|--------|----------|----------|----------|----------|----------|----------|--------|---------|---------|---------|---------|---------|---------|
| G 73.0 | 9 | 10 | 11 | 11 | 11 | 11 | 12 | 12 | 11 | 12 | 12 | 12 | 12 |
| G 74.0 | 8 | 9 | 10 | 11 | 11 | 10 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| G 75.0 | 7 | 9 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| G 76.0 | 7 | 8 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| G 77.0 | 6 | 7 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G 78.0 | 6 | 6 | 7 | 7 | 7 | 7 | 8 | 8 | 7 | 7 | 7 | 7 | 7 |
| G 79.0 | 5 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| G 80.0 | 4 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| G 81.0 | 4 | 4 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| G 82.0 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| G 83.0 | 3 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| G 84.0 | 2 | 2 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G 85.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G 86.0 | 1 | 1 | 2 | 1 | 2 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| G 87.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G 88.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G 89.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

Luminaire

Code 1660XX/XX

Name PIN

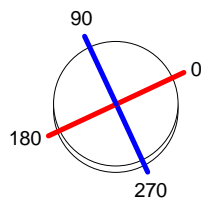
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Code

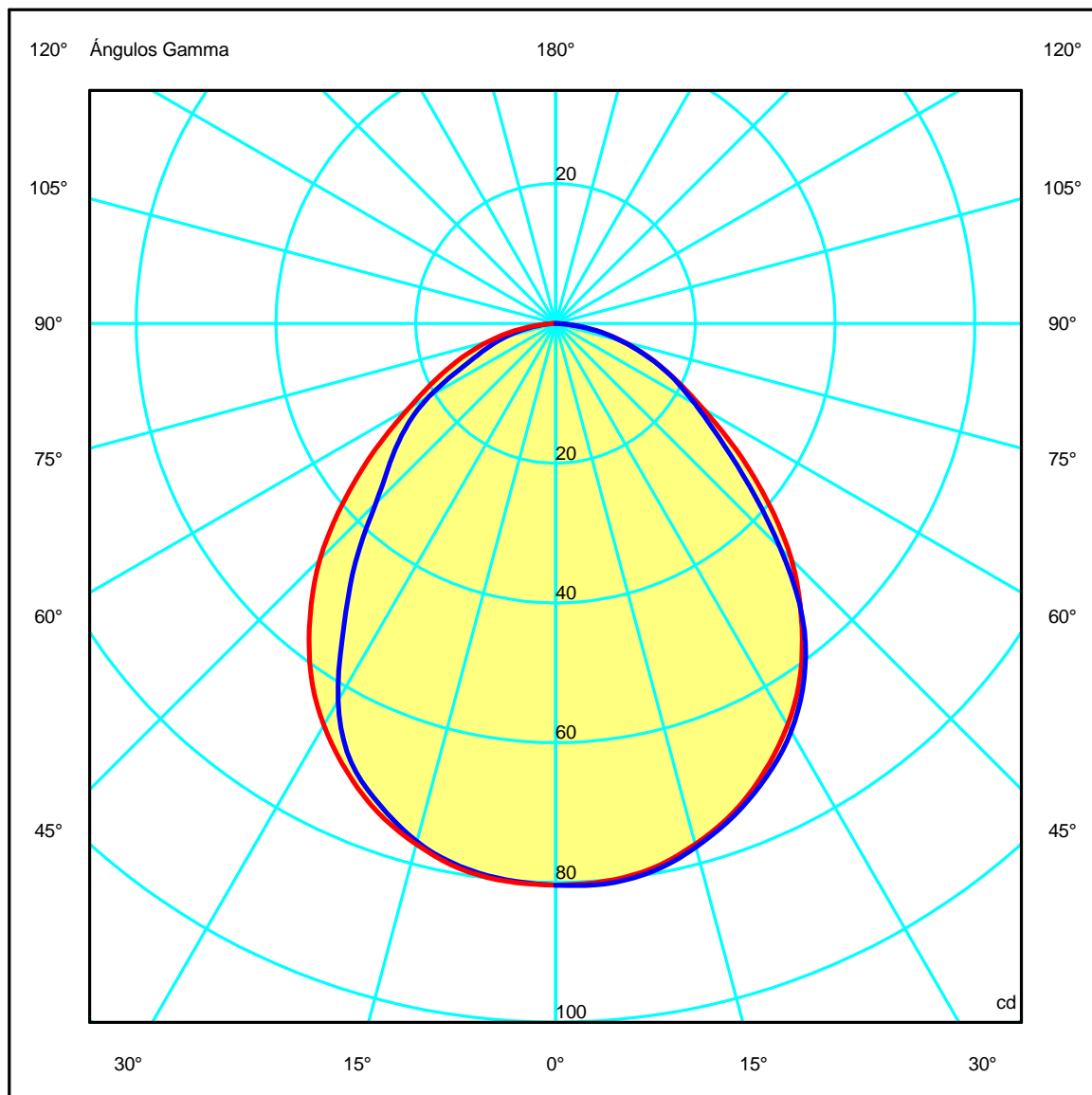
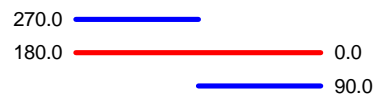
Name 2700K CRI 90

| | | | | | | | |
|----------------|-----------|-----------------|----------|----------|----------------|------------|-----------------------|
| Luminaire Flux | 192.18 lm | Luminaire Power | 6.03 W | Efficacy | 31.88 lm/W | Efficiency | 100.00% |
| Sources Flux | 192.18 lm | Maximum value | 80.54 cd | Position | C=75.00 G=4.00 | CG | Sym. on planes 270-90 |

Diam=60mm



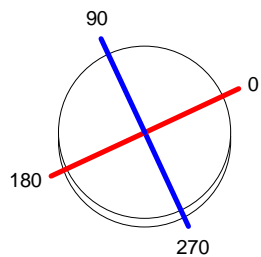
Semiplanos C



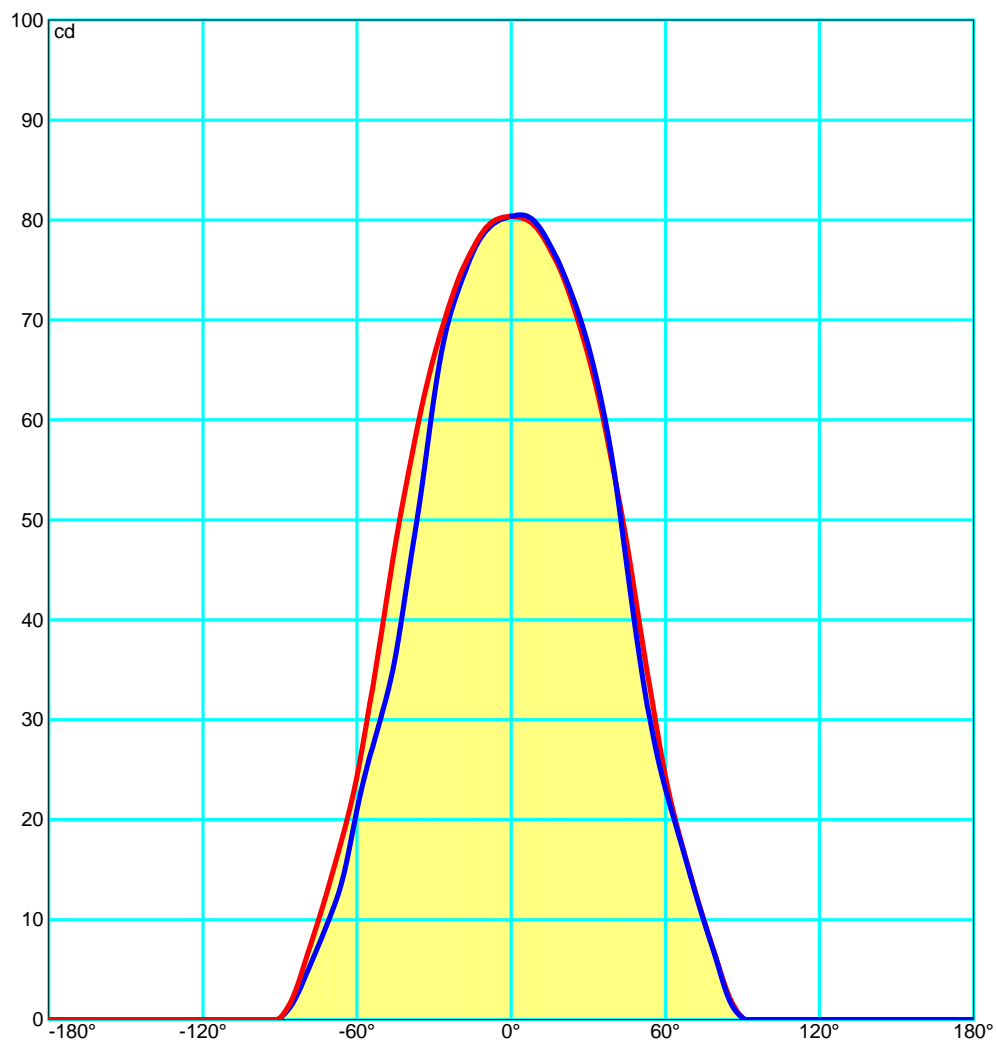
Luminaire
Code 1660XX/XX
Name PIN
Measurem.
Code
Name 2700K CRI 90

| | | | | | | | |
|----------------|-----------|-----------------|----------|----------|----------------|------------|-----------------------|
| Luminaire Flux | 192.18 lm | Luminaire Power | 6.03 W | Efficacy | 31.88 lm/W | Efficiency | 100.00% |
| Sources Flux | 192.18 lm | Maximum value | 80.54 cd | Position | C=75.00 G=4.00 | CG | Sym. on planes 270-90 |

Diam=60mm



Semiplanos C
270.0 ——— 0.0
180.0 ——— 90.0



Luminaire

Code 1660XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

| | | | | | | | |
|----------------|-----------|-----------------|----------|----------|----------------|------------|-----------------------|
| Luminaire Flux | 192.18 lm | Luminaire Power | 6.03 W | Efficacy | 31.88 lm/W | Efficiency | 100.00% |
| Sources Flux | 192.18 lm | Maximum value | 80.54 cd | Position | C=75.00 G=4.00 | CG | Sym. on planes 270-90 |

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 |
| WorkingPlane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| RoomDimensions | Viewed Crosswise | | | | | Viewed Endwise | | | | |
| x=2H y=2H | 23.6 | 24.8 | 23.9 | 25.1 | 25.3 | 22.8 | 24.0 | 23.1 | 24.3 | 24.5 |
| x=2H y=3H | 24.8 | 26.0 | 25.2 | 26.2 | 26.5 | 23.9 | 25.1 | 24.3 | 25.3 | 25.6 |
| x=2H y=4H | 25.4 | 26.4 | 25.7 | 26.7 | 27.0 | 24.4 | 25.4 | 24.7 | 25.7 | 26.0 |
| x=2H y=6H | 25.8 | 26.7 | 26.1 | 27.0 | 27.3 | 24.7 | 25.7 | 25.1 | 26.0 | 26.3 |
| x=2H y=8H | 25.9 | 26.8 | 26.3 | 27.1 | 27.5 | 24.8 | 25.7 | 25.2 | 26.0 | 26.4 |
| x=2H y=12H | 26.0 | 26.9 | 26.3 | 27.2 | 27.5 | 24.9 | 25.7 | 25.2 | 26.0 | 26.4 |
| x=4H y=2H | 24.2 | 25.2 | 24.5 | 25.5 | 25.8 | 23.6 | 24.7 | 23.9 | 24.9 | 25.2 |
| x=4H y=3H | 25.6 | 26.5 | 26.0 | 26.8 | 27.2 | 25.0 | 25.9 | 25.4 | 26.2 | 26.5 |
| x=4H y=4H | 26.3 | 27.1 | 26.7 | 27.4 | 27.8 | 25.6 | 26.4 | 26.0 | 26.7 | 27.1 |
| x=4H y=6H | 26.8 | 27.5 | 27.2 | 27.9 | 28.2 | 26.0 | 26.7 | 26.4 | 27.1 | 27.4 |
| x=4H y=8H | 27.0 | 27.6 | 27.4 | 28.0 | 28.4 | 26.1 | 26.7 | 26.6 | 27.1 | 27.6 |
| x=4H y=12H | 27.1 | 27.6 | 27.5 | 28.0 | 28.5 | 26.2 | 26.7 | 26.6 | 27.2 | 27.6 |
| x=8H y=4H | 26.6 | 27.2 | 27.0 | 27.6 | 28.0 | 25.9 | 26.5 | 26.4 | 26.9 | 27.4 |
| x=8H y=6H | 27.2 | 27.7 | 27.7 | 28.1 | 28.6 | 26.5 | 27.0 | 27.0 | 27.4 | 27.9 |
| x=8H y=8H | 27.4 | 27.9 | 27.9 | 28.3 | 28.8 | 26.7 | 27.1 | 27.2 | 27.6 | 28.1 |
| x=8H y=12H | 27.6 | 28.0 | 28.1 | 28.4 | 28.9 | 26.8 | 27.2 | 27.3 | 27.7 | 28.2 |
| x=12H y=4H | 26.6 | 27.1 | 27.0 | 27.6 | 28.0 | 26.0 | 26.5 | 26.4 | 26.9 | 27.4 |
| x=12H y=6H | 27.3 | 27.7 | 27.7 | 28.2 | 28.6 | 26.6 | 27.0 | 27.1 | 27.5 | 27.9 |
| x=12H y=8H | 27.5 | 27.9 | 28.0 | 28.4 | 28.9 | 26.8 | 27.2 | 27.3 | 27.6 | 28.1 |

Luminaire

Code 1660XX/XX

Name PIN

Measurem.

Code

Name 2700K CRI 90

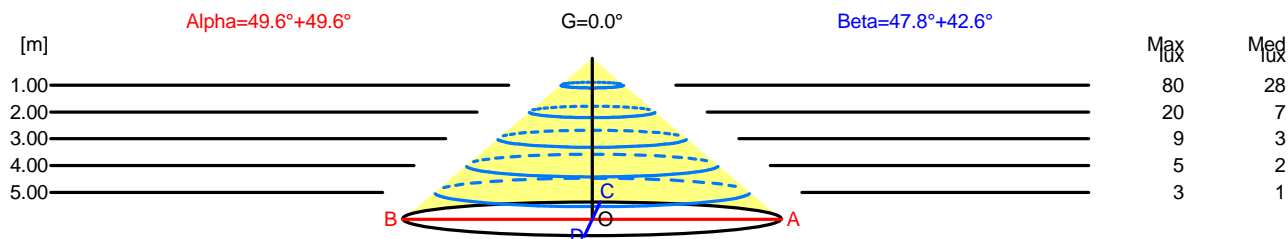
| | | | | | | | |
|----------------|-----------|-----------------|----------|----------|----------------|------------|-----------------------|
| Luminaire Flux | 192.18 lm | Luminaire Power | 6.03 W | Efficacy | 31.88 lm/W | Efficiency | 100.00% |
| Sources Flux | 192.18 lm | Maximum value | 80.54 cd | Position | C=75.00 G=4.00 | CG | Sym. on planes 270-90 |

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 | 1.18 | 2.35 | 3.53 | 4.71 | 5.88 | OC | 1.10 | 2.20 | 3.31 | 4.41 | 5.51 |
| OB | 1.18 | 2.35 | 3.53 | 4.71 | 5.88 | OD | 0.92 | 1.84 | 2.76 | 3.68 | 4.60 |

Luminous Intensities [cd]

| | | | | | | | | | | |
|----|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 80.36 | 80.13 | 77.14 | 70.73 | 61.09 | 47.71 | 31.59 | 18.87 | 9.94 | 2.24 |
| OB | 80.36 | 80.13 | 77.14 | 70.73 | 61.09 | 47.71 | 31.59 | 18.87 | 9.94 | 2.24 |
| OC | 80.36 | 80.48 | 77.57 | 71.50 | 61.99 | 45.45 | 28.62 | 18.61 | 9.87 | 1.90 |
| OD | 80.36 | 79.93 | 76.74 | 69.26 | 52.85 | 36.42 | 26.31 | 14.66 | 7.41 | 1.66 |



| H[m] | D[m] | Max lux | Med lux | Alpha=49.6°+49.6° | G=0.0 | |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.35 | 80 | 28 | | | |
| 2.00 | 4.71 | 20 | 7 | | | |
| 3.00 | 7.06 | 9 | 3 | | | |
| 4.00 | 9.41 | 5 | 2 | | | |
| 5.00 | 11.77 | 3 | 1 | | | |

| H[m] | D[m] | Max lux | Med lux | Beta=42.6°+47.8° | G=0.0 | |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.02 | 80 | 28 | | | |
| 2.00 | 4.04 | 20 | 7 | | | |
| 3.00 | 6.06 | 9 | 3 | | | |
| 4.00 | 8.09 | 5 | 2 | | | |
| 5.00 | 10.11 | 3 | 1 | | | |

Luminaire
Code 1660XX/XX
Name PIN
Measurem.
Code
Name 2700K CRI 90

| | | | | | | | |
|----------------|-----------|-----------------|----------|----------|----------------|------------|-----------------------|
| Luminaire Flux | 192.18 lm | Luminaire Power | 6.03 W | Efficacy | 31.88 lm/W | Efficiency | 100.00% |
| Sources Flux | 192.18 lm | Maximum value | 80.54 cd | Position | C=75.00 G=4.00 | CG | Sym. on planes 270-90 |

Flujo Total=192.18 Flujo Luminaria=192.18

| | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
| DRR | 0.36 | 0.44 | 0.52 | 0.59 | 0.64 | 0.72 | 0.77 | 0.81 | 0.86 | 0.88 | 0.94 | 0.97 |
| RC | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |

Flujo Zonal por 1000 Lúmenes

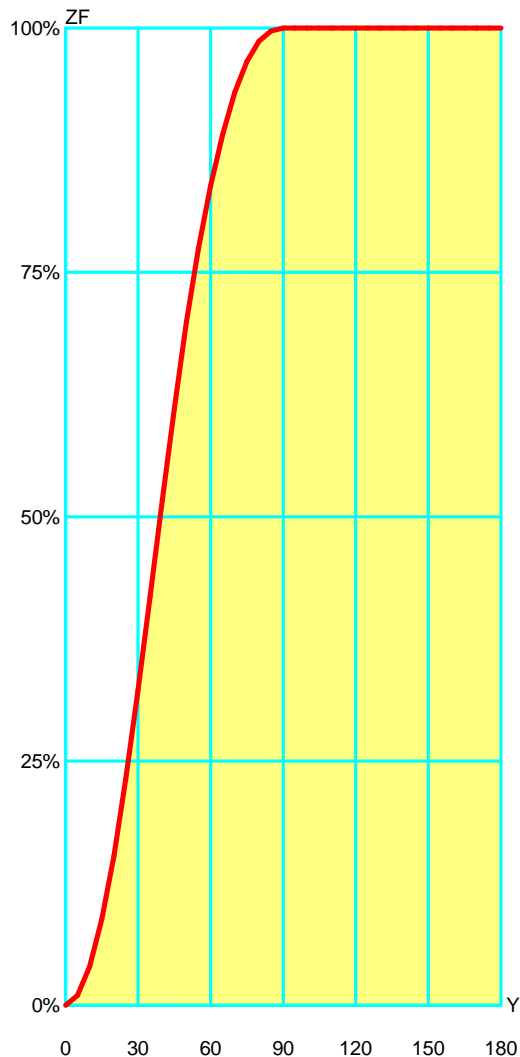
| | | | | | | | | | | | | | | | | | | |
|-------|----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|
| Y° | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| ZF(Y) | 40 | 153 | 322 | 517 | 699 | 839 | 934 | 987 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

Códigos de Flujo C.I.E.

54 84 97 100 100

C.I.E. 4/4/4/4/4/4/4/4/4/3
D DIN 5040 A40
F UTE 1.00 D
B NBN BZ 4
RN 0.00000 %
BLF 1.0

LOR 100.00000 %
ULOR 0.00000 %
DLOR 100.00000 %
UFF 0.00000 %
DFF 100.00000 %
FFR 0.00000 %



| Flujo Zonal | | | | |
|-------------|-------|---------|-----------|----------|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 9.99 | 9.99 | 1.00 % | 1.00 % |
| 10° | 29.69 | 39.67 | 2.97 % | 3.97 % |
| 15° | 48.31 | 87.99 | 4.83 % | 8.80 % |
| 20° | 65.02 | 153.01 | 6.50 % | 15.30 % |
| 25° | 79.15 | 232.16 | 7.92 % | 23.22 % |
| 30° | 90.05 | 322.21 | 9.01 % | 32.22 % |
| 35° | 96.55 | 418.76 | 9.66 % | 41.88 % |
| 40° | 98.10 | 516.86 | 9.81 % | 51.69 % |
| 45° | 94.80 | 611.66 | 9.48 % | 61.17 % |
| 50° | 87.02 | 698.69 | 8.70 % | 69.87 % |
| 55° | 76.13 | 774.82 | 7.61 % | 77.48 % |
| 60° | 64.12 | 838.94 | 6.41 % | 83.89 % |
| 65° | 52.72 | 891.66 | 5.27 % | 89.17 % |
| 70° | 42.15 | 933.82 | 4.22 % | 93.38 % |
| 75° | 31.72 | 965.53 | 3.17 % | 96.55 % |
| 80° | 21.16 | 986.70 | 2.12 % | 98.67 % |
| 85° | 10.53 | 997.23 | 1.05 % | 99.72 % |
| 90° | 2.77 | 1000.00 | 0.28 % | 100.00 % |
| 95° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 100° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 105° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 110° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 115° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 120° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 125° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 130° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 135° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 140° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 145° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 150° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 155° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 160° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 165° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 170° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 175° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 180° | 0.00 | 1000.00 | 0.00 % | 100.00 % |

Luminaire
Code 1660XX/XX
Name PIN
Measurem.
Code
Name 2700K CRI 90

| | | | | | | | |
|----------------|-----------|-----------------|----------|----------|----------------|------------|-----------------------|
| Luminaire Flux | 192.18 lm | Luminaire Power | 6.03 W | Efficacy | 31.88 lm/W | Efficiency | 100.00% |
| Sources Flux | 192.18 lm | Maximum value | 80.54 cd | Position | C=75.00 G=4.00 | CG | Sym. on planes 270-90 |

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

