**Luminaire**
Code 309_NANS_SPHERE_60_BEIGE
Name NANS SPHERE 60 - OPTICAL SET -BEIGE
**Measurem.**
Code CL092A22F007G
Name NANS SPHERE 60 - OPTICAL SET -BEIGE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393.24 lm | Luminaire Power | 14.32 W | Efficacy | 27.46 lm/W | Efficiency | 100.00% |
| Sources Flux | 393.24 lm | Maximum value | 230.14 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

| | | | |
|---|---|---|---|
| Round Luminaire | Diam. 600 mm | Height | 600 mm |
| Round Luminous Area | Diam. 600 mm | Height | 600 mm |
| Horizontal Luminous Area | 0.282743 m2 | Emitting area on Plane 180° | 0.360000 m2 |
| Emitting area on Plane 0° | 0.360000 m2 | Emitting area on Plane 270° | 0.360000 m2 |
| Emitting area on Plane 90° | 0.360000 m2 | Glare area at 76° | 0.417708 m2 |
| Coordinate system | CG | Symmetry Type | Double Symmetrical |
| Date | 03-03-2022 | Maximum Gamma Angle | 180 |
| Measurement Distance | 6.44 | Measurement Flux | 393.24 lm |
| Operator | ASSELUM | Rated Voltage | 20.10 V |
| Temperature | 25.20 °C | Rated Current | 0.71 A |
| Humidity | 33.20 % | Photocell | Prc |
| Notes | | | |

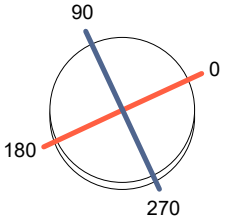
**Luminaire Sources**

| Line | Code | Name | Flux [lm] | Pow. [W] | Q.ty |
|---|---|---|---|---|---|
| | GW JTLMS1 | OSRAM | 393.24 | 14.32 | 1 |

| | | | |
|---|---|---|---|
| C.I.E. | 45 76 93 88 100 | D DIN 5040 | B31 |
| F UTE | 0.88 E + 0.12 T | B NBN | BZ 5 |

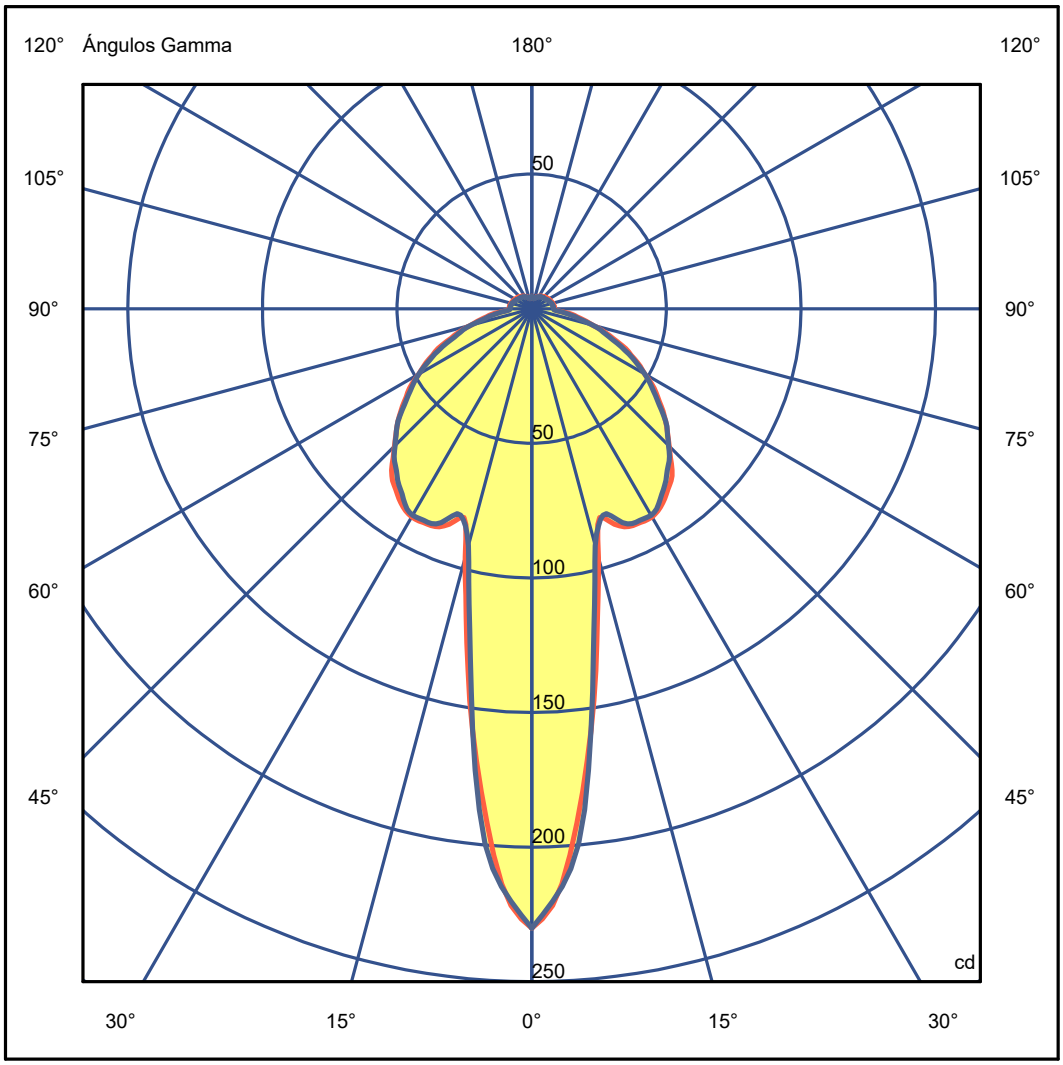


Diam=600mm




Semiplanos C

180.0 — 0.0
270.0 — 90.0




ULOR 11.62 %
DLOR 88.38 %
RN 11.62 %

**Luminaire**
Code 309_NANS_SPHERE_60_BEIGE
Name NANS SPHERE 60 - OPTICAL SET -BEIGE
**Measurem.**
Code CL092A22F007G
Name NANS SPHERE 60 - OPTICAL SET -BEIGE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393.24 lm | Luminaire Power | 14.32 W | Efficacy | 27.46 lm/W | Efficiency | 100.00% |
| Sources Flux | 393.24 lm | Maximum value | 230.14 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

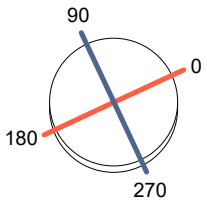
**Luminous Intensity Table cd** **Table 1/1**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|---|---|---|---|---|---|---|---|
| G 0.0 | 230.14 | 230.14 | 230.14 | 230.14 | 230.14 | 230.14 | 230.14 |
| G 2.5 | 218.26 | 221.60 | 226.14 | 228.14 | 225.19 | 220.25 | 217.64 |
| G 5.0 | 191.75 | 197.99 | 206.71 | 211.77 | 209.13 | 202.96 | 199.52 |
| G 7.5 | 163.65 | 173.50 | 185.19 | 190.23 | 184.34 | 172.23 | 165.26 |
| G 10.0 | 136.57 | 146.57 | 157.39 | 160.86 | 152.88 | 139.17 | 131.68 |
| G 12.5 | 112.99 | 124.06 | 133.29 | 135.17 | 127.07 | 114.64 | 107.87 |
| G 15.0 | 95.55 | 105.83 | 116.51 | 119.81 | 111.05 | 97.89 | 91.11 |
| G 17.5 | 82.18 | 94.18 | 105.38 | 109.10 | 102.10 | 91.10 | 83.35 |
| G 20.0 | 83.94 | 91.55 | 98.21 | 99.75 | 93.83 | 85.34 | 81.01 |
| G 22.5 | 87.51 | 92.09 | 96.51 | 97.71 | 93.87 | 88.26 | 85.38 |
| G 25.0 | 88.76 | 93.70 | 98.80 | 100.54 | 96.92 | 91.51 | 88.05 |
| G 27.5 | 89.13 | 94.55 | 100.14 | 102.03 | 97.91 | 91.54 | 88.23 |
| G 30.0 | 89.30 | 94.41 | 99.65 | 101.44 | 97.60 | 91.66 | 88.57 |
| G 32.5 | 88.08 | 92.89 | 97.96 | 99.71 | 95.94 | 90.12 | 87.10 |
| G 35.0 | 86.02 | 90.59 | 95.51 | 97.11 | 93.51 | 87.79 | 84.08 |
| G 37.5 | 83.53 | 87.85 | 92.54 | 94.06 | 90.58 | 85.05 | 81.54 |
| G 40.0 | 80.95 | 84.91 | 89.16 | 90.41 | 86.93 | 81.59 | 78.32 |
| G 42.5 | 76.47 | 80.54 | 85.20 | 86.96 | 83.86 | 78.77 | 75.63 |
| G 45.0 | 72.13 | 76.33 | 80.89 | 82.59 | 79.44 | 74.45 | 71.84 |
| G 47.5 | 68.32 | 72.42 | 76.94 | 78.69 | 75.88 | 71.21 | 68.35 |
| G 50.0 | 64.89 | 68.44 | 72.54 | 74.19 | 71.72 | 67.52 | 64.89 |
| G 52.5 | 60.97 | 64.38 | 68.20 | 69.57 | 66.93 | 62.70 | 60.12 |
| G 55.0 | 56.98 | 59.92 | 63.28 | 64.62 | 62.07 | 58.11 | 56.05 |
| G 57.5 | 53.39 | 56.19 | 59.39 | 60.64 | 58.15 | 54.32 | 52.34 |
| G 60.0 | 48.46 | 51.45 | 54.70 | 55.94 | 53.91 | 50.51 | 48.46 |
| G 62.5 | 44.86 | 47.03 | 49.59 | 50.54 | 48.62 | 45.61 | 44.04 |
| G 65.0 | 40.70 | 42.67 | 45.00 | 45.82 | 44.01 | 41.19 | 39.74 |
| G 67.5 | 37.00 | 38.84 | 40.43 | 40.69 | 38.89 | 36.33 | 35.03 |
| G 70.0 | 31.95 | 33.75 | 35.29 | 35.59 | 34.02 | 31.74 | 30.57 |
| G 72.5 | 28.27 | 29.90 | 31.39 | 31.80 | 30.41 | 28.31 | 27.23 |
| G 75.0 | 23.66 | 25.42 | 26.98 | 27.45 | 26.27 | 24.41 | 23.44 |
| G 77.5 | 20.08 | 21.45 | 22.64 | 22.88 | 21.58 | 19.73 | 18.78 |
| G 80.0 | 17.02 | 18.31 | 19.47 | 19.75 | 18.58 | 16.85 | 15.97 |
| G 82.5 | 14.62 | 14.87 | 14.94 | 14.67 | 14.00 | 13.27 | 12.93 |
| G 85.0 | 10.58 | 11.57 | 12.45 | 12.67 | 11.88 | 10.80 | 10.33 |
| G 87.5 | 8.74 | 9.60 | 10.58 | 10.94 | 10.11 | 8.85 | 8.20 |
| G 90.0 | 8.45 | 8.93 | 9.44 | 9.59 | 9.17 | 8.54 | 8.14 |
| G 92.5 | 8.41 | 8.86 | 9.34 | 9.47 | 9.08 | 8.47 | 8.07 |
| G 95.0 | 8.35 | 8.79 | 9.25 | 9.37 | 8.99 | 8.40 | 8.03 |
| G 97.5 | 8.28 | 8.74 | 9.22 | 9.35 | 8.95 | 8.34 | 7.95 |
| G100.0 | 8.21 | 8.64 | 9.10 | 9.22 | 8.84 | 8.27 | 7.90 |
| G102.5 | 8.12 | 8.57 | 9.04 | 9.17 | 8.78 | 8.18 | 7.80 |
| G105.0 | 7.99 | 8.45 | 8.92 | 9.05 | 8.63 | 8.01 | 7.61 |
| G107.5 | 7.88 | 8.33 | 8.79 | 8.92 | 8.52 | 7.92 | 7.53 |
| G110.0 | 7.85 | 8.26 | 8.69 | 8.77 | 8.34 | 7.71 | 7.32 |
| G112.5 | 7.66 | 8.11 | 8.56 | 8.66 | 8.22 | 7.58 | 7.18 |
| G115.0 | 7.52 | 7.94 | 8.39 | 8.48 | 8.02 | 7.37 | 6.97 |
| G117.5 | 7.30 | 7.75 | 8.21 | 8.32 | 7.88 | 7.25 | 6.85 |
| G120.0 | 7.19 | 7.61 | 8.04 | 8.12 | 7.67 | 7.03 | 6.63 |
| G122.5 | 7.05 | 7.47 | 7.90 | 7.96 | 7.49 | 6.82 | 6.41 |
| G125.0 | 6.91 | 7.27 | 7.64 | 7.72 | 7.22 | 6.54 | 6.21 |
| G127.5 | 6.77 | 7.09 | 7.42 | 7.48 | 7.06 | 6.50 | 6.21 |
| G130.0 | 6.70 | 6.99 | 7.28 | 7.29 | 6.89 | 6.35 | 6.08 |
| G132.5 | 6.49 | 6.73 | 6.98 | 7.00 | 6.66 | 6.22 | 5.99 |
| G135.0 | 6.35 | 6.56 | 6.77 | 6.79 | 6.49 | 6.09 | 5.89 |
| G137.5 | 6.19 | 6.40 | 6.62 | 6.65 | 6.37 | 5.98 | 5.79 |
| G140.0 | 6.04 | 6.23 | 6.43 | 6.46 | 6.21 | 5.87 | 5.70 |
| G142.5 | 5.82 | 6.01 | 6.22 | 6.27 | 6.06 | 5.75 | 5.59 |
| G145.0 | 5.78 | 5.94 | 6.10 | 6.11 | 5.89 | 5.60 | 5.46 |
| G147.5 | 5.56 | 5.74 | 5.92 | 5.96 | 5.77 | 5.51 | 5.38 |
| G150.0 | 5.42 | 5.56 | 5.70 | 5.73 | 5.58 | 5.37 | 5.26 |
| G152.5 | 5.27 | 5.40 | 5.50 | 5.50 | 5.34 | 5.15 | 5.07 |
| G155.0 | 5.08 | 5.22 | 5.34 | 5.34 | 5.16 | 4.92 | 4.81 |
| G157.5 | 4.81 | 4.94 | 5.05 | 5.10 | 4.94 | 4.73 | 4.63 |
| G160.0 | 4.55 | 4.71 | 4.84 | 4.87 | 4.75 | 4.60 | 4.53 |
| G162.5 | 4.41 | 4.53 | 4.63 | 4.65 | 4.54 | 4.40 | 4.32 |
| G165.0 | 4.16 | 4.34 | 4.48 | 4.52 | 4.38 | 4.20 | 4.10 |
| G167.5 | 4.05 | 4.21 | 4.35 | 4.36 | 4.22 | 4.04 | 3.91 |
| G170.0 | 3.91 | 4.15 | 4.36 | 4.42 | 4.25 | 4.00 | 3.84 |
| G172.5 | 3.98 | 4.23 | 4.43 | 4.48 | 4.29 | 4.01 | 3.88 |
| G175.0 | 4.21 | 4.40 | 4.56 | 4.59 | 4.43 | 4.21 | 4.09 |
| G177.5 | 4.48 | 4.68 | 4.86 | 4.90 | 4.74 | 4.51 | 4.36 |
| G180.0 | 4.69 | 4.69 | 4.69 | 4.69 | 4.69 | 4.69 | 4.69 |

**Luminaire**
Code 309_NANS_SPHERE_60_BEIGE
Name NANS SPHERE 60 - OPTICAL SET -BEIGE
**Measurem.**
Code CL092A22F007G
Name NANS SPHERE 60 - OPTICAL SET -BEIGE

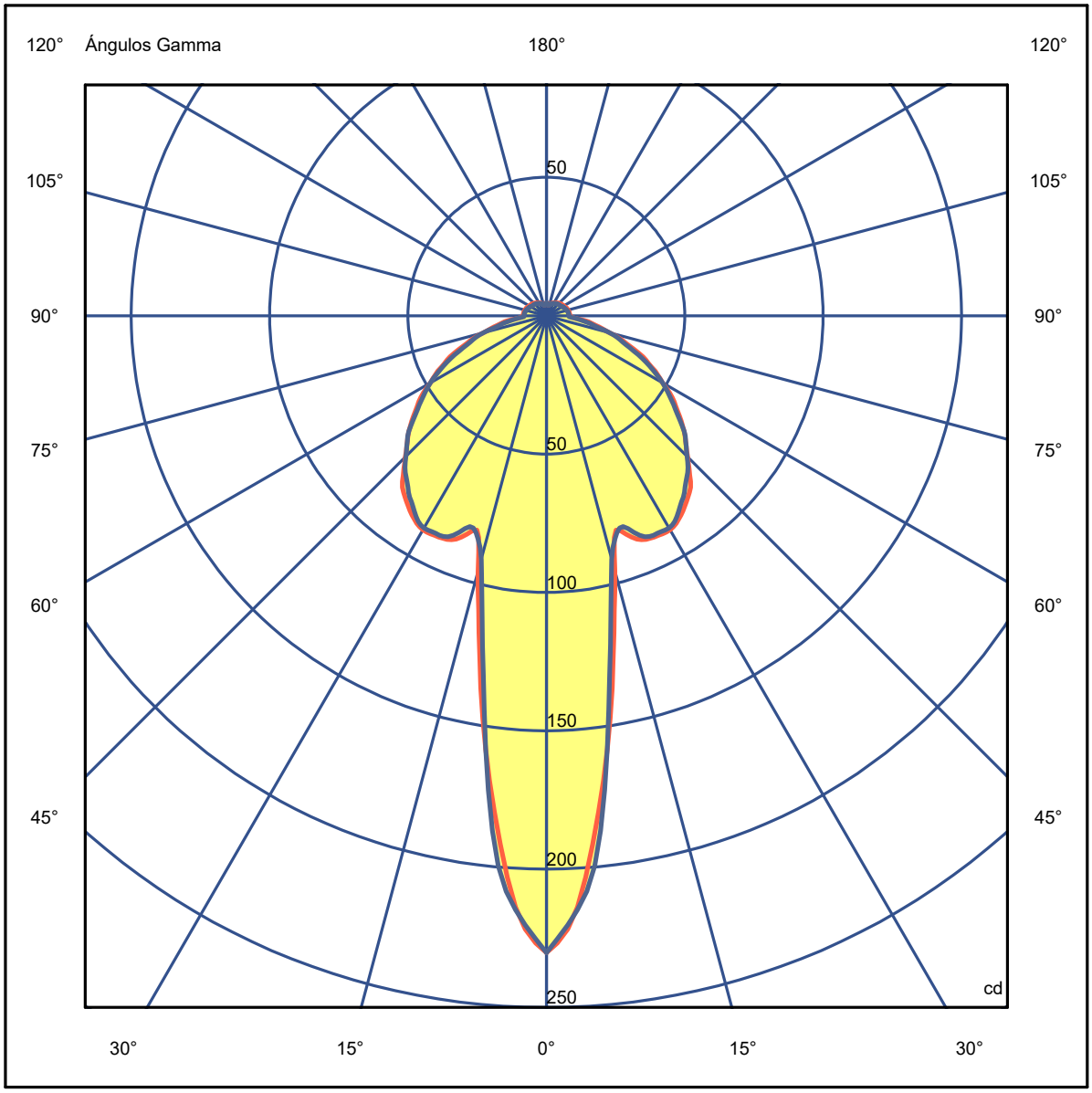
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393.24 lm | Luminaire Power | 14.32 W | Efficacy | 27.46 lm/W | Efficiency | 100.00% |
| Sources Flux | 393.24 lm | Maximum value | 230.14 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=600mm




Semiplanos C

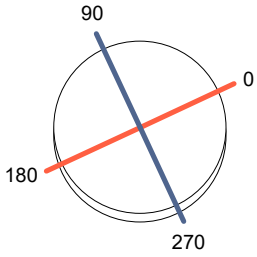
180.0 0.0
270.0 90.0



**Luminaire**
Code 309_NANS_SPHERE_60_BEIGE
Name NANS SPHERE 60 - OPTICAL SET -BEIGE
**Measurem.**
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Name NANS SPHERE 60 - OPTICAL SET -BEIGE

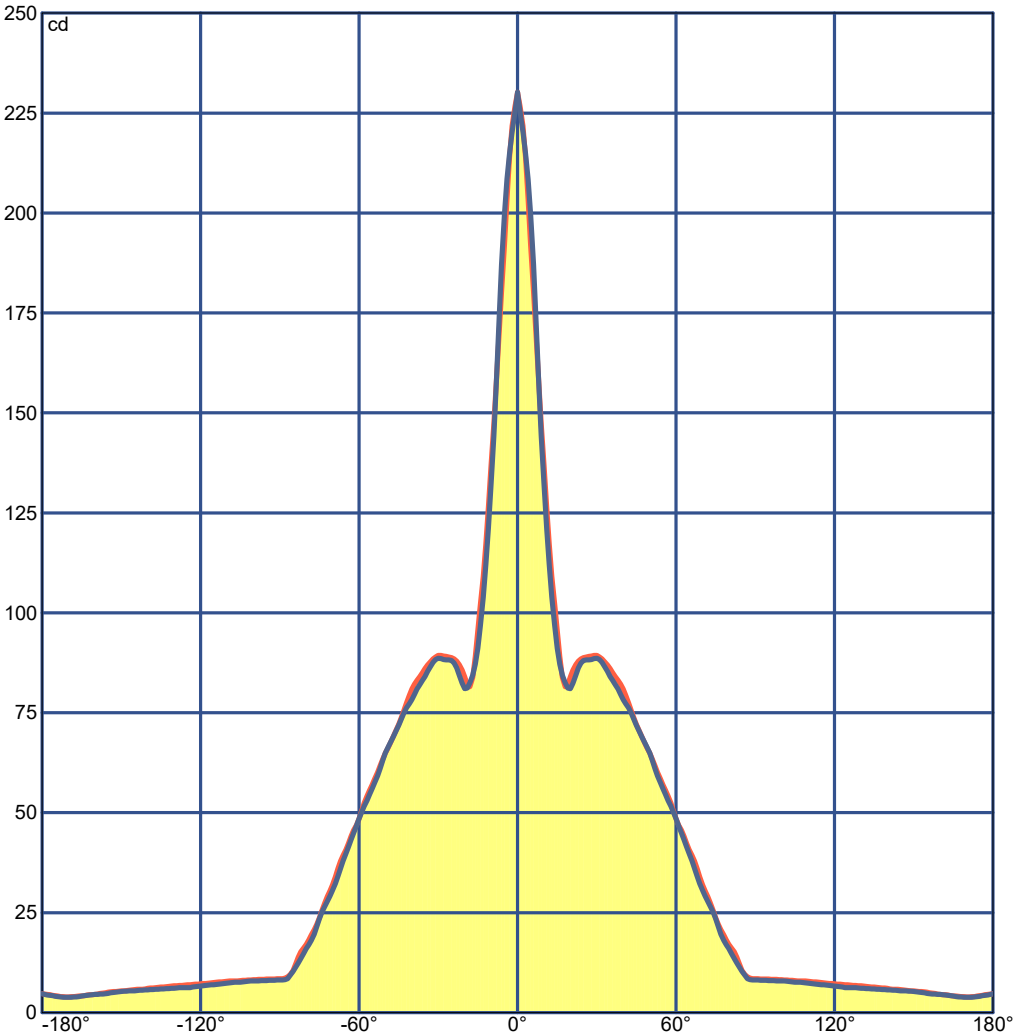
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393.24 lm | Luminaire Power | 14.32 W | Efficacy | 27.46 lm/W | Efficiency | 100.00% |
| Sources Flux | 393.24 lm | Maximum value | 230.14 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=600mm




Semiplanos C



**Luminaire**
Code 309_NANS_SPHERE_60_BEIGE
Name NANS SPHERE 60 - OPTICAL SET -BEIGE
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|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393.24 lm | Luminaire Power | 14.32 W | Efficacy | 27.46 lm/W | Efficiency | 100.00% |
| Sources Flux | 393.24 lm | Maximum value | 230.14 cd | 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 | 4.9 | 6.1 | 5.3 | 6.5 | 7.0 | 4.8 | 6.0 | 5.2 | 6.4 | 6.8 |
| x=2H y=3H | 6.0 | 7.1 | 6.5 | 7.5 | 8.0 | 5.8 | 6.9 | 6.3 | 7.3 | 7.8 |
| x=2H y=4H | 6.4 | 7.4 | 6.9 | 7.9 | 8.4 | 6.2 | 7.2 | 6.7 | 7.7 | 8.2 |
| x=2H y=6H | 6.7 | 7.6 | 7.2 | 8.1 | 8.7 | 6.4 | 7.4 | 6.9 | 7.9 | 8.4 |
| x=2H y=8H | 6.7 | 7.7 | 7.3 | 8.2 | 8.7 | 6.5 | 7.4 | 7.0 | 7.9 | 8.5 |
| x=2H y=12H | 6.8 | 7.7 | 7.3 | 8.2 | 8.8 | 6.5 | 7.4 | 7.1 | 7.9 | 8.5 |
| x=4H y=2H | 5.5 | 6.5 | 6.0 | 6.9 | 7.5 | 5.3 | 6.4 | 5.9 | 6.8 | 7.4 |
| x=4H y=3H | 6.7 | 7.6 | 7.3 | 8.1 | 8.7 | 6.6 | 7.4 | 7.1 | 8.0 | 8.5 |
| x=4H y=4H | 7.3 | 8.0 | 7.8 | 8.6 | 9.2 | 7.1 | 7.8 | 7.6 | 8.4 | 9.0 |
| x=4H y=6H | 7.6 | 8.3 | 8.2 | 8.9 | 9.5 | 7.4 | 8.1 | 8.0 | 8.7 | 9.3 |
| x=4H y=8H | 7.8 | 8.4 | 8.4 | 9.0 | 9.7 | 7.5 | 8.1 | 8.1 | 8.7 | 9.4 |
| x=4H y=12H | 7.9 | 8.4 | 8.5 | 9.0 | 9.7 | 7.6 | 8.2 | 8.2 | 8.8 | 9.4 |
| x=8H y=4H | 7.5 | 8.1 | 8.1 | 8.7 | 9.3 | 7.3 | 7.9 | 7.9 | 8.5 | 9.2 |
| x=8H y=6H | 8.0 | 8.5 | 8.6 | 9.1 | 9.8 | 7.8 | 8.3 | 8.4 | 8.9 | 9.6 |
| x=8H y=8H | 8.2 | 8.7 | 8.8 | 9.3 | 10.0 | 8.0 | 8.4 | 8.6 | 9.0 | 9.7 |
| x=8H y=12H | 8.4 | 8.7 | 9.0 | 9.4 | 10.1 | 8.1 | 8.5 | 8.8 | 9.1 | 9.9 |
| x=12H y=4H | 7.7 | 8.3 | 8.3 | 8.9 | 9.6 | 7.6 | 8.2 | 8.2 | 8.8 | 9.5 |
| x=12H y=6H | 8.2 | 8.7 | 8.9 | 9.3 | 10.0 | 8.1 | 8.5 | 8.7 | 9.2 | 9.9 |
| x=12H y=8H | 8.5 | 8.9 | 9.1 | 9.5 | 10.2 | 8.3 | 8.7 | 8.9 | 9.3 | 10.0 |

**Luminaire**
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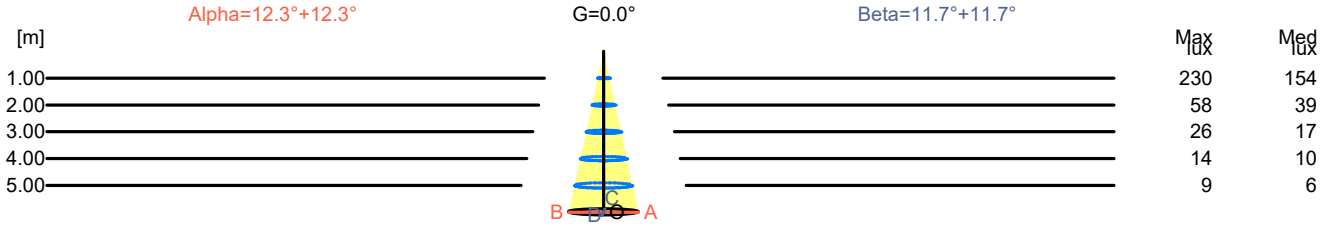
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393.24 lm | Luminaire Power | 14.32 W | Efficacy | 27.46 lm/W | Efficiency | 100.00% |
| Sources Flux | 393.24 lm | Maximum value | 230.14 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

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 | 0.22 | 0.43 | 0.65 | 0.87 | 1.09 | OC | 0.21 | 0.41 | 0.62 | 0.83 | 1.03 |
| OB | 0.22 | 0.43 | 0.65 | 0.87 | 1.09 | OD | 0.21 | 0.41 | 0.62 | 0.83 | 1.03 |

Luminous Intensities [ cd]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 230.14 | 191.75 | 95.55 | 88.76 | 86.02 | 72.13 | 56.98 | 40.70 | 23.66 | 10.58 |
| OB | 230.14 | 191.75 | 95.55 | 88.76 | 86.02 | 72.13 | 56.98 | 40.70 | 23.66 | 10.58 |
| OC | 230.14 | 199.52 | 91.11 | 88.05 | 84.08 | 71.84 | 56.05 | 39.74 | 23.44 | 10.33 |
| OD | 230.14 | 199.52 | 91.11 | 88.05 | 84.08 | 71.84 | 56.05 | 39.74 | 23.44 | 10.33 |




| H[m] | D[m] | Max lux | Med lux | Alpha=12.3°+12.3° G=0.0 |
|---|---|---|---|---|
| 1.00 | 0.43 | 230 | 154 | |
| 2.00 | 0.87 | 58 | 39 | |
| 3.00 | 1.30 | 26 | 17 | |
| 4.00 | 1.74 | 14 | 10 | |
| 5.00 | 2.17 | 9 | 6 | |

| H[m] | D[m] | Max lux | Med lux | Beta=11.7°+11.7° G=0.0 |
|---|---|---|---|---|
| 1.00 | 0.41 | 230 | 154 | |
| 2.00 | 0.83 | 58 | 39 | |
| 3.00 | 1.24 | 26 | 17 | |
| 4.00 | 1.65 | 14 | 10 | |
| 5.00 | 2.06 | 9 | 6 | |

**Luminaire**
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| Sources Flux | 393.24 lm | Maximum value | 230.14 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Flujo Total=393.24 Flujo Luminaria=393.24

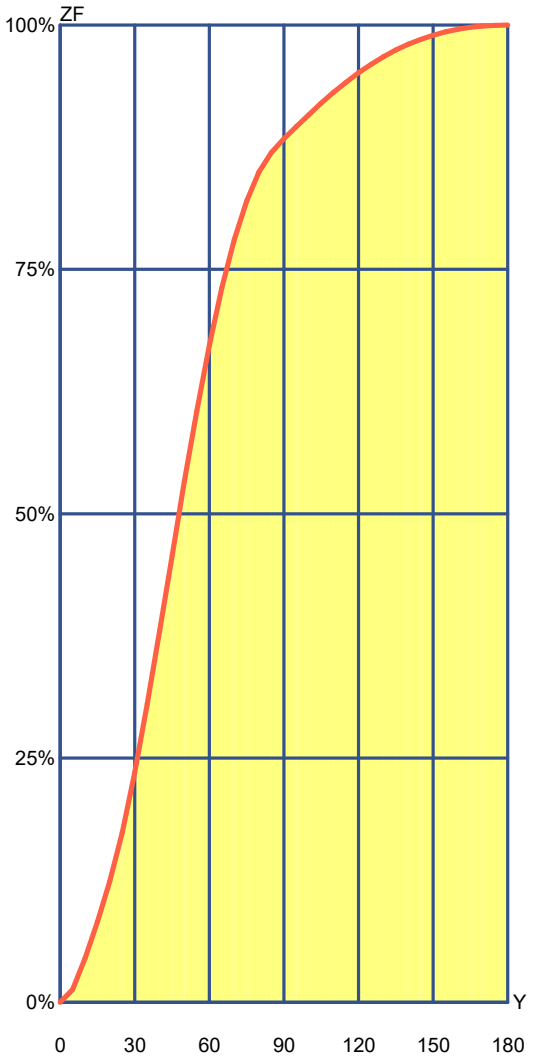
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRR | 0.29 | 0.38 | 0.45 | 0.52 | 0.57 | 0.66 | 0.72 | 0.76 | 0.81 | 0.84 | 0.91 | 0.95 |
| RC | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 6 | 6 | 6 | 6 |

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) | 45 | 124 | 235 | 380 | 533 | 672 | 781 | 850 | 884 | 908 | 931 | 951 | 968 | 980 | 990 | 996 | 999 | 1000 |

Códigos de Flujo C.I.E.
45 76 93 88 100

| | | | |
|---|---|---|---|
| C.I.E. | 5/5/5/5/5/5/5/6/6/6/6 | LOR | 100.00000 % |
| D DIN 5040 | B31 | ULOR | 11.62491 % |
| F UTE | 0.88 E + 0.12 T | DLOR | 88.37509 % |
| B NBN | BZ 5 | UFF | 11.62491 % |
| RN | 11.62491 % | DFF | 88.37509 % |
| BLF | 1.0 | FFR | 13.15405 % |




| Flujo Zonal | | | | |
|---|---|---|---|---|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 13.19 | 13.19 | 1.32 % | 1.32 % |
| 10° | 31.84 | 45.03 | 3.18 % | 4.50 % |
| 15° | 37.72 | 82.74 | 3.77 % | 8.27 % |
| 20° | 41.19 | 123.93 | 4.12 % | 12.39 % |
| 25° | 49.60 | 173.54 | 4.96 % | 17.35 % |
| 30° | 61.50 | 235.04 | 6.15 % | 23.50 % |
| 35° | 70.24 | 305.28 | 7.02 % | 30.53 % |
| 40° | 75.18 | 380.46 | 7.52 % | 38.05 % |
| 45° | 76.90 | 457.37 | 7.69 % | 45.74 % |
| 50° | 75.83 | 533.20 | 7.58 % | 53.32 % |
| 55° | 72.23 | 605.43 | 7.22 % | 60.54 % |
| 60° | 66.71 | 672.14 | 6.67 % | 67.21 % |
| 65° | 58.98 | 731.12 | 5.90 % | 73.11 % |
| 70° | 49.50 | 780.62 | 4.95 % | 78.06 % |
| 75° | 39.58 | 820.19 | 3.96 % | 82.02 % |
| 80° | 29.41 | 849.61 | 2.94 % | 84.96 % |
| 85° | 20.17 | 869.77 | 2.02 % | 86.98 % |
| 90° | 13.98 | 883.75 | 1.40 % | 88.38 % |
| 95° | 12.41 | 896.16 | 1.24 % | 89.62 % |
| 100° | 12.12 | 908.28 | 1.21 % | 90.83 % |
| 105° | 11.70 | 919.99 | 1.17 % | 92.00 % |
| 110° | 11.11 | 931.10 | 1.11 % | 93.11 % |
| 115° | 10.41 | 941.50 | 1.04 % | 94.15 % |
| 120° | 9.57 | 951.08 | 0.96 % | 95.11 % |
| 125° | 8.68 | 959.75 | 0.87 % | 95.98 % |
| 130° | 7.75 | 967.51 | 0.78 % | 96.75 % |
| 135° | 6.84 | 974.35 | 0.68 % | 97.43 % |
| 140° | 5.96 | 980.31 | 0.60 % | 98.03 % |
| 145° | 5.11 | 985.41 | 0.51 % | 98.54 % |
| 150° | 4.29 | 989.70 | 0.43 % | 98.97 % |
| 155° | 3.44 | 993.14 | 0.34 % | 99.31 % |
| 160° | 2.63 | 995.77 | 0.26 % | 99.58 % |
| 165° | 1.90 | 997.67 | 0.19 % | 99.77 % |
| 170° | 1.28 | 998.95 | 0.13 % | 99.89 % |
| 175° | 0.77 | 999.72 | 0.08 % | 99.97 % |
| 180° | 0.28 | 1000.00 | 0.03 % | 100.00 % |

**Luminaire**
Code 309_NANS_SPHERE_60_BEIGE
Name NANS SPHERE 60 - OPTICAL SET -BEIGE
**Measurem.**
Code CL092A22F007G
Name NANS SPHERE 60 - OPTICAL SET -BEIGE

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393.24 lm | Luminaire Power | 14.32 W | Efficacy | 27.46 lm/W | Efficiency | 100.00% |
| Sources Flux | 393.24 lm | Maximum value | 230.14 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Isolux (Floor)

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

