## Luminaire

| | |
|---|---|
| Code | 309 |
| Name | NANS_PORTABLE_M_OUTDOOR |
| Line | |

## Measurem.

| | |
|---|---|
| Code | CL092A25D002GP |
| Name | NANS_PORTABLE_M_OUTDOOR |

## Source Data

| | | | | | |
|---|---|---|---|---|---|
| Code | LED | Correlated Color Temperature (CCT) | 2647K | Q.ty | 1 |
| Name | LED | Color rendering index (CRI) | 91 | | |
| Line | | | | | |

## Measurement data

| | | | |
|---|---|---|---|
| Coordinate system | CG | Symmetry Type | Double Symmetrical |
| Date | 21-01-2025 | Maximum Gamma Angle | 180° |
| Measurement Distance | 6.49m | Measurement Flux | 393.4 lm |
| Maximum | 515.39 cd/klm | Position | C=0.0° G=0.0° |
| Remarks | RM25012101 | | |

## Electrical Parameters

| | | | |
|---|---|---|---|
| Channel 1 | | Channel 2 | |
| Voltage | 230.20 V | Voltage | 0.00 V |
| Current | 0.09 A | Current | 0.00 A |
| Power | 8.30 W | Power | 0.00 W |
| Frequency | 50 Hz | Frequency | 0 Hz |
| Power Factor | 0.42 | Power Factor | 0.00 |

## Environmental Parameters

| | | | |
|---|---|---|---|
| Temperature | 25.5 °C | Air Speed | 0.0 m/s |
| Humidity | 24.9 % | | |

## Luminaire Dimensions

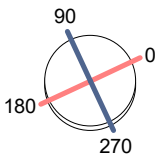
| | | | | | |
|---|---|---|---|---|---|
| Round Luminaire | Diam. | 255 mm | Height | 480 mm | |
| Round Luminous Area | Diam. | 110 mm | Height | 30 mm | |
| | | | | | |
| Horizontal Luminous Area | 0.009503 m2 | | Emitting area on Plane 180° | 0.003300 m2 | |
| Emitting area on Plane 0° | 0.003300 m2 | | Emitting area on Plane 270° | 0.003300 m2 | |
| Emitting area on Plane 90° | 0.003300 m2 | | Glare area at 76° | 0.005501 m2 | |

## Photometric Assessment

| | | | |
|---|---|---|---|
| Luminaire Flux | 393.4 lm | Source Flux | 393.4 lm |
| Efficacy | 47.401 lm/W | Efficiency | 100.0 % |
| CIE Flux Codes | 44 69 87 85 100 | D DIN 5040 | B31 |
| F UTE | 0.85 F + 0.15 T | B NBN | BZ 5 / 4 / BZ 6 |



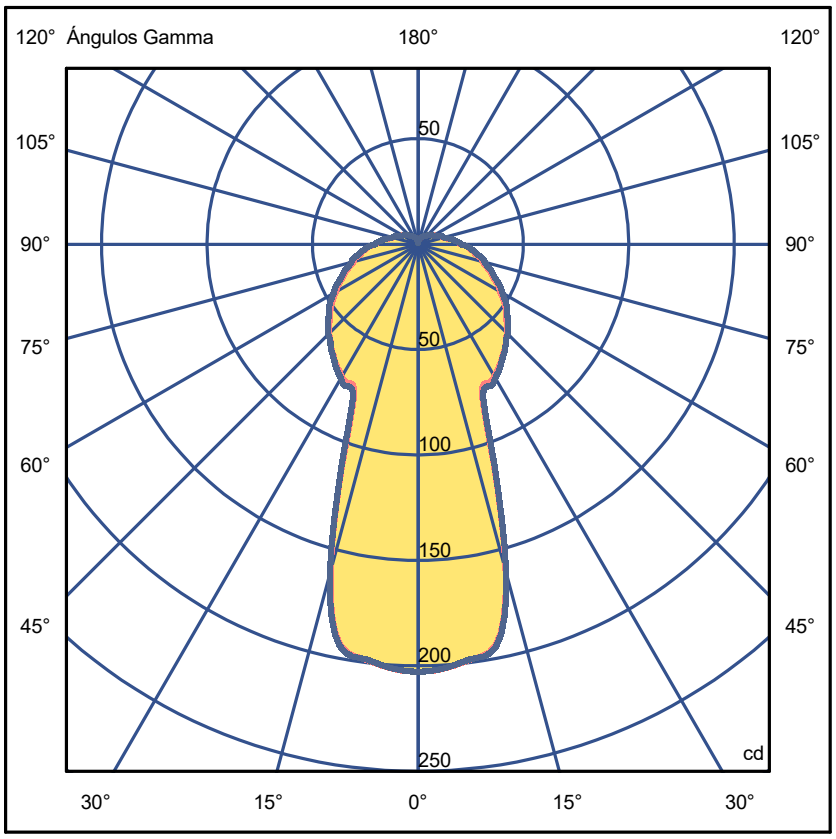
Diam=255mm







ULOR 15.22 %
DLOR 84.78 %
RN 15.22 %



**Luminaire**
Code 309
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**Measurem.**
Code CL092A25D002GP
Name NANS_PORTABLE_M_OUTDOOR

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393 lm | Luminaire Power | 8.3 W | Efficacy | 47.401 lm/W | Efficiency | 100.00% |
| Source Flux | 393 lm | Maximum value | 202.77 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

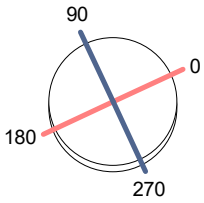
**Luminous Intensity Table cd** **Table 1/1**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|---|---|---|---|---|---|---|---|
| G 0.0 | 203 | 203 | 203 | 203 | 203 | 203 | 203 |
| G 2.5 | 202 | 202 | 202 | 202 | 202 | 202 | 202 |
| G 5.0 | 200 | 200 | 200 | 200 | 200 | 200 | 200 |
| G 7.5 | 198 | 198 | 198 | 198 | 198 | 198 | 198 |
| G 10.0 | 196 | 196 | 196 | 197 | 197 | 197 | 197 |
| G 12.5 | 185 | 185 | 186 | 186 | 186 | 186 | 186 |
| G 15.0 | 160 | 160 | 161 | 161 | 160 | 162 | 162 |
| G 17.5 | 128 | 130 | 129 | 129 | 129 | 130 | 129 |
| G 20.0 | 99 | 101 | 100 | 100 | 100 | 101 | 101 |
| G 22.5 | 80 | 81 | 81 | 80 | 80 | 80 | 82 |
| G 25.0 | 73 | 74 | 74 | 73 | 74 | 74 | 75 |
| G 27.5 | 74 | 74 | 74 | 74 | 74 | 75 | 76 |
| G 30.0 | 72 | 72 | 72 | 72 | 73 | 73 | 73 |
| G 32.5 | 70 | 70 | 70 | 69 | 70 | 71 | 71 |
| G 35.0 | 68 | 68 | 68 | 67 | 68 | 69 | 69 |
| G 37.5 | 66 | 66 | 66 | 65 | 66 | 66 | 66 |
| G 40.0 | 64 | 64 | 64 | 63 | 64 | 64 | 64 |
| G 42.5 | 62 | 62 | 61 | 60 | 61 | 61 | 62 |
| G 45.0 | 60 | 60 | 59 | 59 | 60 | 60 | 60 |
| G 47.5 | 57 | 57 | 57 | 56 | 57 | 58 | 58 |
| G 50.0 | 55 | 55 | 54 | 54 | 55 | 55 | 56 |
| G 52.5 | 52 | 52 | 52 | 52 | 53 | 53 | 53 |
| G 55.0 | 50 | 50 | 50 | 50 | 51 | 51 | 51 |
| G 57.5 | 48 | 48 | 47 | 48 | 48 | 49 | 49 |
| G 60.0 | 45 | 45 | 45 | 45 | 46 | 46 | 46 |
| G 62.5 | 43 | 43 | 43 | 43 | 44 | 44 | 44 |
| G 65.0 | 40 | 40 | 41 | 41 | 41 | 41 | 41 |
| G 67.5 | 38 | 38 | 38 | 38 | 39 | 39 | 39 |
| G 70.0 | 36 | 36 | 36 | 37 | 37 | 37 | 37 |
| G 72.5 | 34 | 34 | 34 | 34 | 35 | 35 | 35 |
| G 75.0 | 32 | 32 | 32 | 32 | 33 | 33 | 33 |
| G 77.5 | 31 | 31 | 31 | 31 | 31 | 31 | 32 |
| G 80.0 | 28 | 28 | 28 | 28 | 29 | 29 | 29 |
| G 82.5 | 27 | 26 | 27 | 27 | 27 | 27 | 27 |
| G 85.0 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| G 87.5 | 23 | 23 | 23 | 24 | 24 | 24 | 24 |
| G 90.0 | 20 | 20 | 20 | 20 | 21 | 21 | 20 |
| G 92.5 | 20 | 19 | 20 | 20 | 20 | 20 | 20 |
| G 95.0 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| G 97.5 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| G100.0 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| G102.5 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| G105.0 | 12 | 12 | 12 | 13 | 13 | 13 | 12 |
| G107.5 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| G110.0 | 11 | 11 | 11 | 11 | 12 | 12 | 12 |
| G112.5 | 10 | 10 | 11 | 11 | 11 | 11 | 10 |
| G115.0 | 9 | 9 | 10 | 10 | 10 | 10 | 10 |
| G117.5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| G120.0 | 9 | 8 | 8 | 9 | 9 | 8 | 8 |
| G122.5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G125.0 | 8 | 8 | 8 | 8 | 8 | 8 | 7 |
| G127.5 | 7 | 7 | 7 | 8 | 7 | 7 | 7 |
| G130.0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| G132.5 | 6 | 6 | 6 | 7 | 6 | 6 | 6 |
| G135.0 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| G137.5 | 6 | 6 | 6 | 6 | 6 | 5 | 5 |
| G140.0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| G142.5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| G145.0 | 5 | 5 | 5 | 5 | 4 | 4 | 5 |
| G147.5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| G150.0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| G152.5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| G155.0 | 4 | 4 | 3 | 3 | 3 | 3 | 4 |
| G157.5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G160.0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G162.5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G165.0 | 3 | 2 | 2 | 2 | 2 | 3 | 3 |
| G167.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G170.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G172.5 | 2 | 2 | 2 | 1 | 2 | 2 | 2 |
| G175.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G177.5 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| G180.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |

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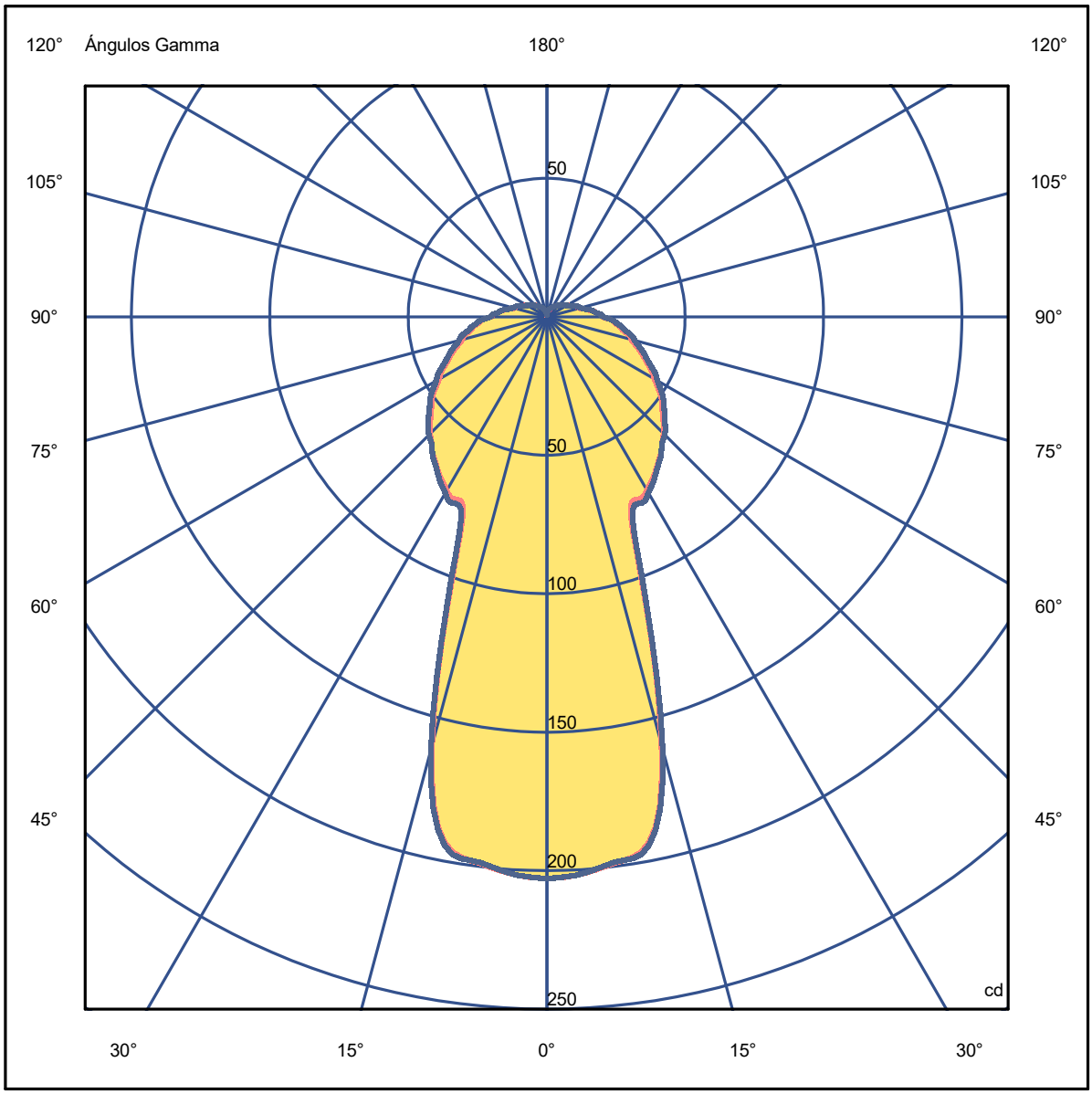
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393 lm | Luminaire Power | 8.3 W | Efficacy | 47.401 lm/W | Efficiency | 100.00% |
| Source Flux | 393 lm | Maximum value | 202.77 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=255mm




Semiplanos C



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
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| Source Flux | 393 lm | Maximum value | 202.77 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 | 17.5 | 18.6 | 18.0 | 19.1 | 19.7 | 17.6 | 18.8 | 18.1 | 19.2 | 19.8 |
| x=2H y=3H | 19.4 | 20.5 | 19.9 | 21.0 | 21.6 | 19.5 | 20.6 | 20.1 | 21.1 | 21.7 |
| x=2H y=4H | 20.3 | 21.3 | 20.9 | 21.9 | 22.5 | 20.5 | 21.5 | 21.0 | 22.0 | 22.6 |
| x=2H y=6H | 21.3 | 22.2 | 21.8 | 22.8 | 23.4 | 21.4 | 22.4 | 22.0 | 23.0 | 23.6 |
| x=2H y=8H | 21.7 | 22.6 | 22.3 | 23.2 | 23.8 | 21.9 | 22.8 | 22.5 | 23.4 | 24.0 |
| x=2H y=12H | 22.2 | 23.0 | 22.8 | 23.6 | 24.3 | 22.4 | 23.2 | 22.9 | 23.8 | 24.5 |
| x=4H y=2H | 18.2 | 19.2 | 18.7 | 19.7 | 20.3 | 18.3 | 19.3 | 18.8 | 19.8 | 20.4 |
| x=4H y=3H | 20.3 | 21.2 | 20.9 | 21.8 | 22.4 | 20.4 | 21.3 | 21.0 | 21.9 | 22.5 |
| x=4H y=4H | 21.4 | 22.2 | 22.0 | 22.8 | 23.5 | 21.6 | 22.4 | 22.2 | 23.0 | 23.6 |
| x=4H y=6H | 22.5 | 23.2 | 23.2 | 23.9 | 24.6 | 22.7 | 23.4 | 23.3 | 24.0 | 24.7 |
| x=4H y=8H | 23.1 | 23.7 | 23.7 | 24.4 | 25.1 | 23.3 | 23.9 | 23.9 | 24.6 | 25.3 |
| x=4H y=12H | 23.6 | 24.2 | 24.3 | 24.9 | 25.6 | 23.8 | 24.4 | 24.5 | 25.1 | 25.8 |
| x=8H y=4H | 21.9 | 22.5 | 22.5 | 23.2 | 23.9 | 22.0 | 22.7 | 22.7 | 23.3 | 24.0 |
| x=8H y=6H | 23.2 | 23.8 | 23.9 | 24.4 | 25.2 | 23.4 | 23.9 | 24.1 | 24.6 | 25.4 |
| x=8H y=8H | 23.9 | 24.4 | 24.6 | 25.1 | 25.9 | 24.1 | 24.6 | 24.8 | 25.3 | 26.0 |
| x=8H y=12H | 24.6 | 25.1 | 25.3 | 25.8 | 26.6 | 24.8 | 25.2 | 25.5 | 25.9 | 26.7 |
| x=12H y=4H | 22.0 | 22.6 | 22.6 | 23.2 | 24.0 | 22.1 | 22.7 | 22.7 | 23.3 | 24.1 |
| x=12H y=6H | 23.4 | 23.9 | 24.1 | 24.6 | 25.4 | 23.5 | 24.0 | 24.2 | 24.7 | 25.5 |
| x=12H y=8H | 24.2 | 24.6 | 24.9 | 25.3 | 26.1 | 24.3 | 24.7 | 25.0 | 25.4 | 26.3 |

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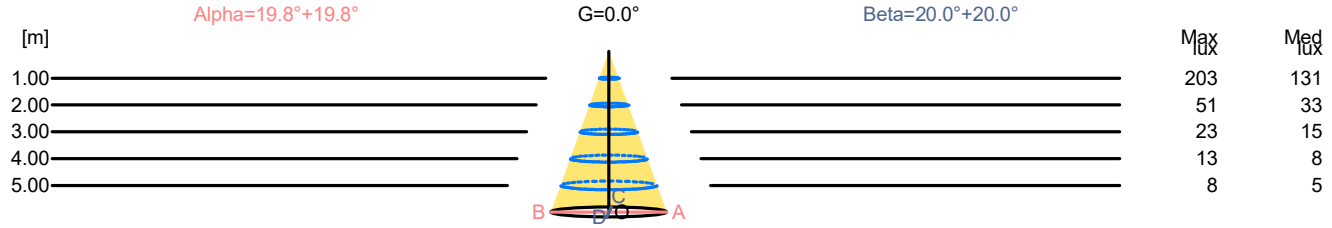
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393 lm | Luminaire Power | 8.3 W | Efficacy | 47.401 lm/W | Efficiency | 100.00% |
| Source Flux | 393 lm | Maximum value | 202.77 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

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 | 0.36 | 0.72 | 1.08 | 1.44 | 1.80 | OC | 0.36 | 0.73 | 1.09 | 1.45 | 1.82 |
| OB | 0.36 | 0.72 | 1.08 | 1.44 | 1.80 | OD | 0.36 | 0.73 | 1.09 | 1.45 | 1.82 |

Luminous Intensities [ cd]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 202.77 | 200.49 | 160.20 | 73.40 | 68.39 | 59.71 | 50.42 | 40.34 | 31.64 | 24.66 |
| OB | 202.77 | 200.49 | 160.20 | 73.40 | 68.39 | 59.71 | 50.42 | 40.34 | 31.64 | 24.66 |
| OC | 202.77 | 200.29 | 161.75 | 75.05 | 68.76 | 60.25 | 51.39 | 41.27 | 32.84 | 25.25 |
| OD | 202.77 | 200.29 | 161.75 | 75.05 | 68.76 | 60.25 | 51.39 | 41.27 | 32.84 | 25.25 |



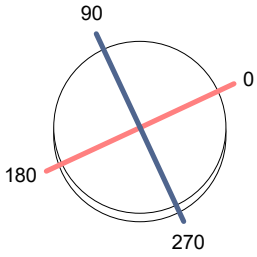

| H[m] | D[m] | Max lux | Med lux | Alpha=19.8°+19.8° G=0.0 |
|---|---|---|---|---|
| 1.00 | 0.72 | 203 | 131 | |
| 2.00 | 1.44 | 51 | 33 | |
| 3.00 | 2.16 | 23 | 15 | |
| 4.00 | 2.88 | 13 | 8 | |
| 5.00 | 3.60 | 8 | 5 | |

| H[m] | D[m] | Max lux | Med lux | Beta=20.0°+20.0° G=0.0 |
|---|---|---|---|---|
| 1.00 | 0.73 | 203 | 131 | |
| 2.00 | 1.45 | 51 | 33 | |
| 3.00 | 2.18 | 23 | 15 | |
| 4.00 | 2.91 | 13 | 8 | |
| 5.00 | 3.63 | 8 | 5 | |

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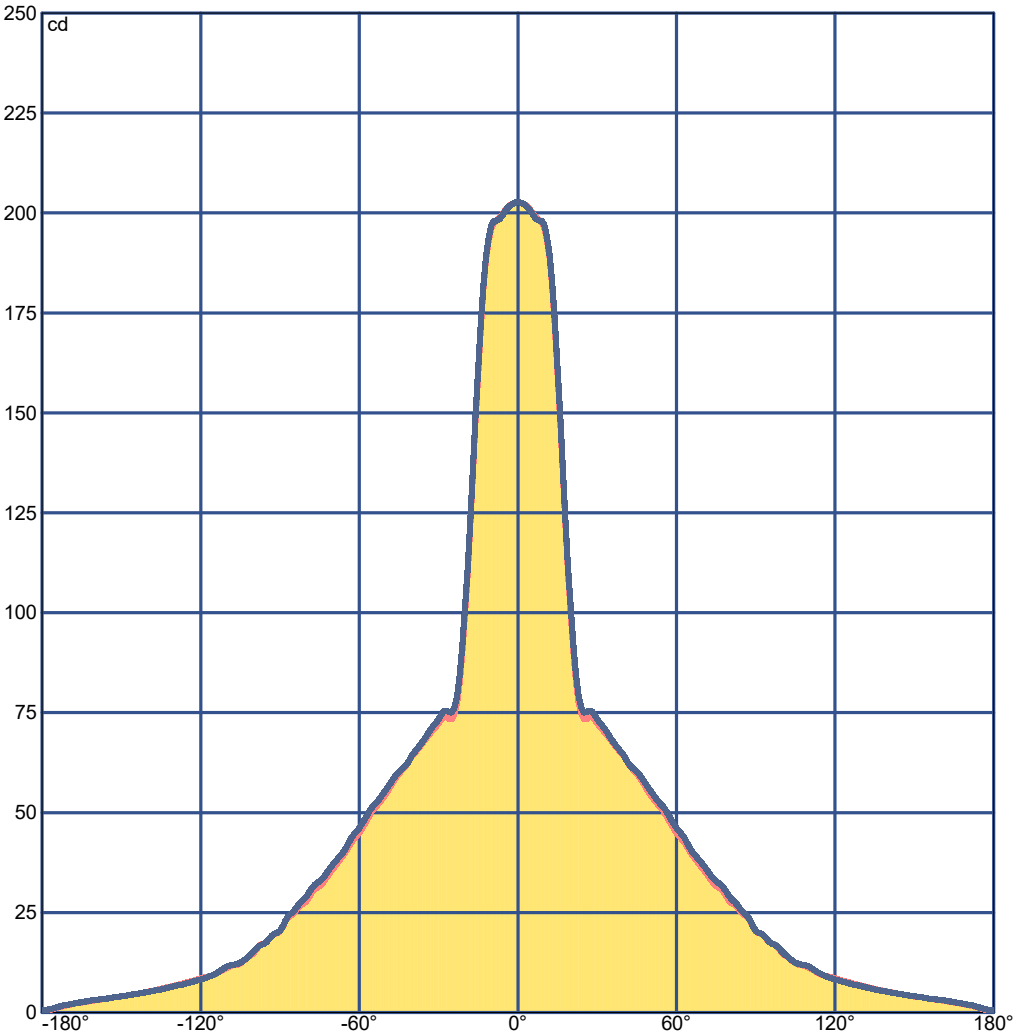
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393 lm | Luminaire Power | 8.3 W | Efficacy | 47.401 lm/W | Efficiency | 100.00% |
| Source Flux | 393 lm | Maximum value | 202.77 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=255mm




Semiplanos C



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|---|---|---|---|---|---|---|---|
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| Source Flux | 393 lm | Maximum value | 202.77 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Flujo Total=393.42 Flujo Luminaria=393.42

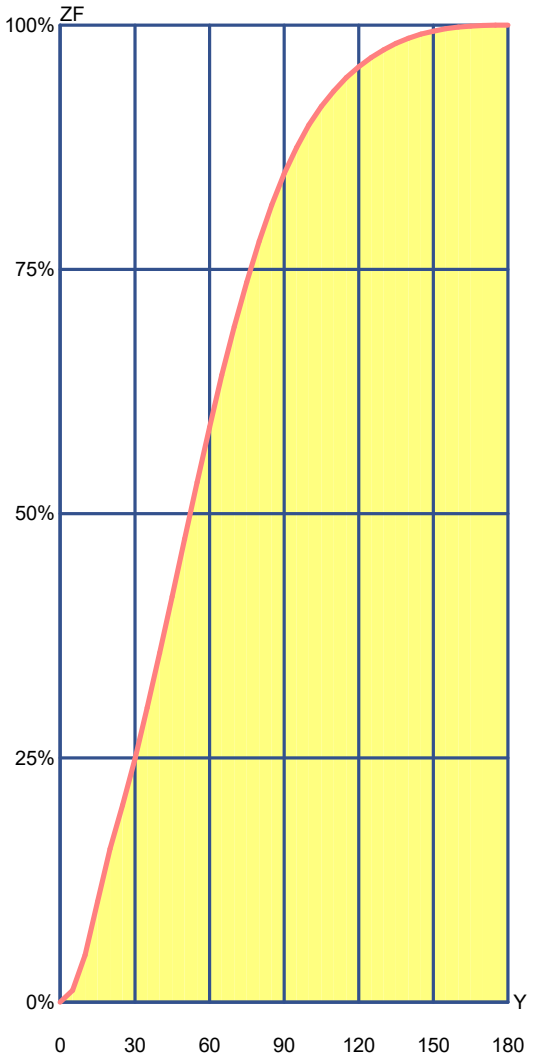
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRR | 0.29 | 0.36 | 0.43 | 0.49 | 0.54 | 0.62 | 0.67 | 0.71 | 0.77 | 0.80 | 0.88 | 0.93 |
| RC | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 7 |

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) | 48 | 157 | 249 | 357 | 474 | 588 | 691 | 779 | 848 | 898 | 933 | 957 | 975 | 986 | 994 | 998 | 1000 | 1000 |

Códigos de Flujo C.I.E.
44 69 87 85 100

| | | | |
|---|---|---|---|
| C.I.E. | 5/6/6/6/6/6/7/7/7/7/7 | LOR | 100.00000 % |
| D DIN 5040 | B31 | ULOR | 15.21595 % |
| F UTE | 0.85 F + 0.15 T | DLOR | 84.78405 % |
| B NBN | BZ 5 / 4 / BZ 6 | UFF | 15.21595 % |
| RN | 15.21595 % | DFF | 84.78405 % |
| BLF | 1.0 | FFR | 17.94671 % |



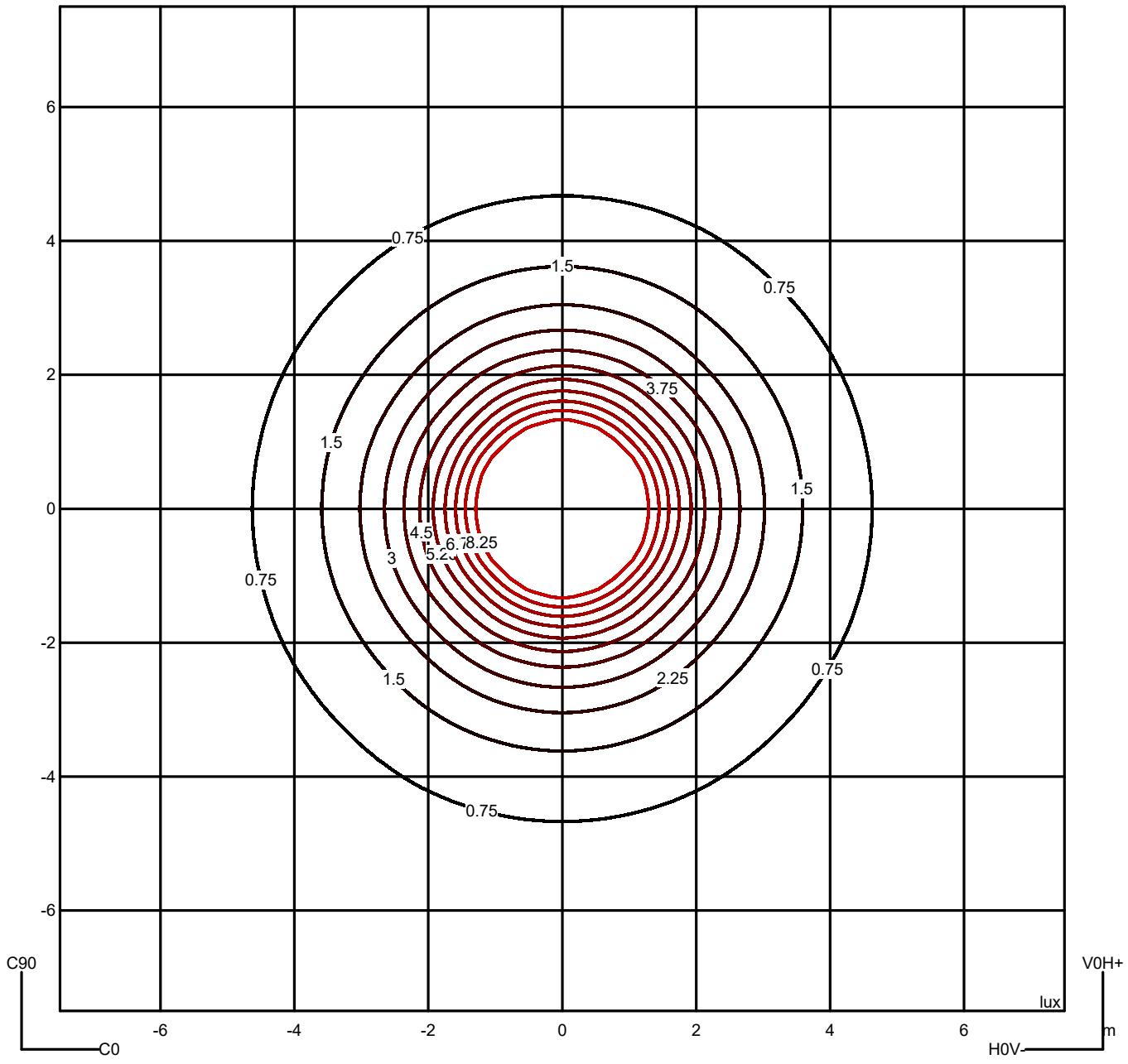

| Flujo Zonal | | | | |
|---|---|---|---|---|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 12.25 | 12.25 | 1.22 % | 1.22 % |
| 10° | 36.05 | 48.30 | 3.60 % | 4.83 % |
| 15° | 54.69 | 102.99 | 5.47 % | 10.30 % |
| 20° | 54.00 | 156.99 | 5.40 % | 15.70 % |
| 25° | 44.45 | 201.44 | 4.44 % | 20.14 % |
| 30° | 47.42 | 248.86 | 4.74 % | 24.89 % |
| 35° | 52.63 | 301.49 | 5.26 % | 30.15 % |
| 40° | 55.88 | 357.37 | 5.59 % | 35.74 % |
| 45° | 57.87 | 415.23 | 5.79 % | 41.52 % |
| 50° | 58.74 | 473.98 | 5.87 % | 47.40 % |
| 55° | 58.09 | 532.07 | 5.81 % | 53.21 % |
| 60° | 56.36 | 588.43 | 5.64 % | 58.84 % |
| 65° | 53.38 | 641.81 | 5.34 % | 64.18 % |
| 70° | 49.54 | 691.36 | 4.95 % | 69.14 % |
| 75° | 45.55 | 736.90 | 4.55 % | 73.69 % |
| 80° | 41.76 | 778.66 | 4.18 % | 77.87 % |
| 85° | 37.05 | 815.72 | 3.71 % | 81.57 % |
| 90° | 32.12 | 847.84 | 3.21 % | 84.78 % |
| 95° | 26.94 | 874.78 | 2.69 % | 87.48 % |
| 100° | 23.05 | 897.83 | 2.31 % | 89.78 % |
| 105° | 18.74 | 916.57 | 1.87 % | 91.66 % |
| 110° | 15.93 | 932.50 | 1.59 % | 93.25 % |
| 115° | 13.54 | 946.05 | 1.35 % | 94.60 % |
| 120° | 11.14 | 957.19 | 1.11 % | 95.72 % |
| 125° | 9.48 | 966.67 | 0.95 % | 96.67 % |
| 130° | 7.97 | 974.64 | 0.80 % | 97.46 % |
| 135° | 6.55 | 981.19 | 0.65 % | 98.12 % |
| 140° | 5.28 | 986.47 | 0.53 % | 98.65 % |
| 145° | 4.15 | 990.62 | 0.41 % | 99.06 % |
| 150° | 3.18 | 993.80 | 0.32 % | 99.38 % |
| 155° | 2.37 | 996.17 | 0.24 % | 99.62 % |
| 160° | 1.70 | 997.86 | 0.17 % | 99.79 % |
| 165° | 1.14 | 999.00 | 0.11 % | 99.90 % |
| 170° | 0.66 | 999.67 | 0.07 % | 99.97 % |
| 175° | 0.28 | 999.95 | 0.03 % | 99.99 % |
| 180° | 0.05 | 1000.00 | 0.01 % | 100.00 % |

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Isolux (Floor)

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



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393 lm | Luminaire Power | 8.3 W | Efficacy | 47.401 lm/W | Efficiency | 100.00% |
| Source Flux | 393 lm | Maximum value | 202.77 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

## Spectral Data

Std.: No import standard

| | | |
|---|---|---|
| CIE1931 | x =0.464943 | y =0.412774 |
| CIE1960 | u =0.264796 | v =0.352627 |
| CIE1976 | u'=0.264796 | v'=0.528941 |
| D(u,v) | 0.00040 | |

Color rendering index (CRI)
Color Rendering Components

CCT = [2647 K]*

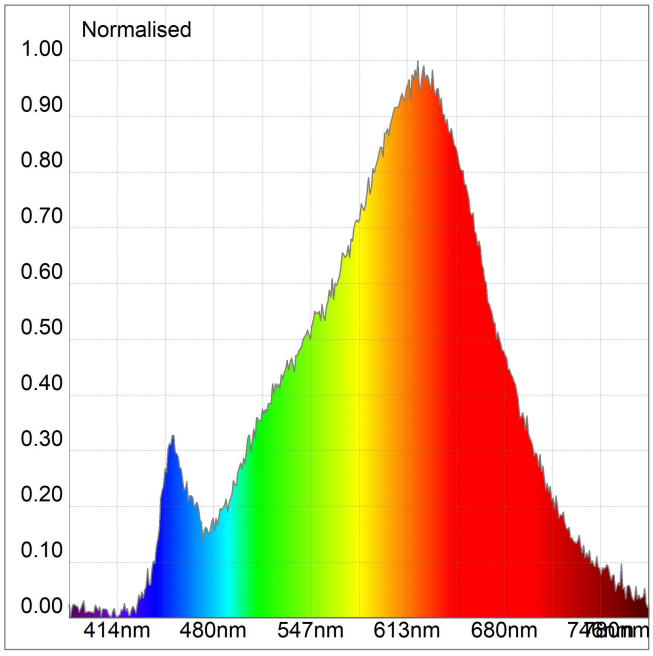
CRI8(Ra) [91.7]* CRI15(Rav) [88.6]*

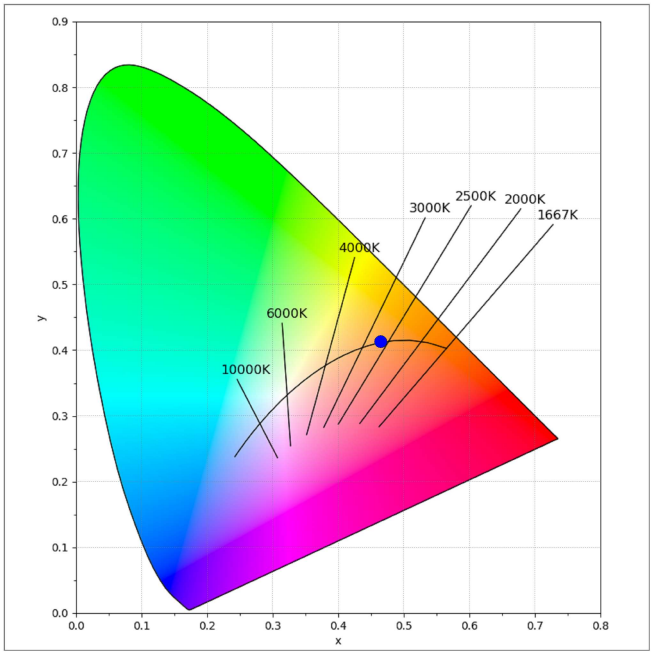
| | | | | |
|---|---|---|---|---|
| R 1: 91.6 | R 2: 96.1 | R 3: 98.9 | R 4: 91.5 | R 5: 91.4 |
| R 6: 96.1 | R 7: 90.2 | R 8: 77.7 | R 9: 51.8 | R10: 90.1 |
| R11: 92.6 | R12: 83.7 | R13: 92.8 | R14: 98.8 | R15: 86.6 |

## Spectral Distribution

| l(nm) | Normalised | l(nm) | Normalised | l(nm) | Normalised |
|---|---|---|---|---|---|
| 381.0 | 0.023445 | 387.0 | 0.018992 | 393.0 | 0.009916 |
| 399.0 | 0.022563 | 405.0 | 0.015182 | 411.0 | 0.011513 |
| 417.0 | 0.014706 | 423.0 | 0.005042 | 429.0 | 0.040546 |
| 435.0 | 0.088655 | 441.0 | 0.126891 | 447.0 | 0.267647 |
| 453.0 | 0.326471 | 459.0 | 0.248319 | 465.0 | 0.218487 |
| 471.0 | 0.176050 | 477.0 | 0.148739 | 483.0 | 0.165966 |
| 489.0 | 0.213025 | 495.0 | 0.238655 | 501.0 | 0.286555 |
| 507.0 | 0.317227 | 513.0 | 0.353782 | 519.0 | 0.384454 |
| 525.0 | 0.419328 | 531.0 | 0.462185 | 537.0 | 0.470588 |
| 543.0 | 0.504202 | 549.0 | 0.533613 | 555.0 | 0.563025 |
| 561.0 | 0.575630 | 567.0 | 0.613445 | 573.0 | 0.668067 |
| 579.0 | 0.714286 | 585.0 | 0.743697 | 591.0 | 0.798319 |
| 597.0 | 0.827731 | 603.0 | 0.894958 | 609.0 | 0.932773 |
| 615.0 | 0.966387 | 621.0 | 1.000000 | 627.0 | 0.974790 |
| 633.0 | 0.936975 | 639.0 | 0.903361 | 645.0 | 0.861345 |
| 651.0 | 0.802521 | 657.0 | 0.726891 | 663.0 | 0.676471 |
| 669.0 | 0.567227 | 675.0 | 0.500000 | 681.0 | 0.470588 |
| 687.0 | 0.424370 | 693.0 | 0.368067 | 699.0 | 0.316807 |
| 705.0 | 0.293697 | 711.0 | 0.225210 | 717.0 | 0.199160 |
| 723.0 | 0.160924 | 729.0 | 0.135714 | 735.0 | 0.129832 |
| 741.0 | 0.102101 | 747.0 | 0.077731 | 753.0 | 0.077311 |
| 759.0 | 0.062605 | 765.0 | 0.057143 | 771.0 | 0.056303 |
| 777.0 | 0.052941 | | | | |

## Spectrum Graph

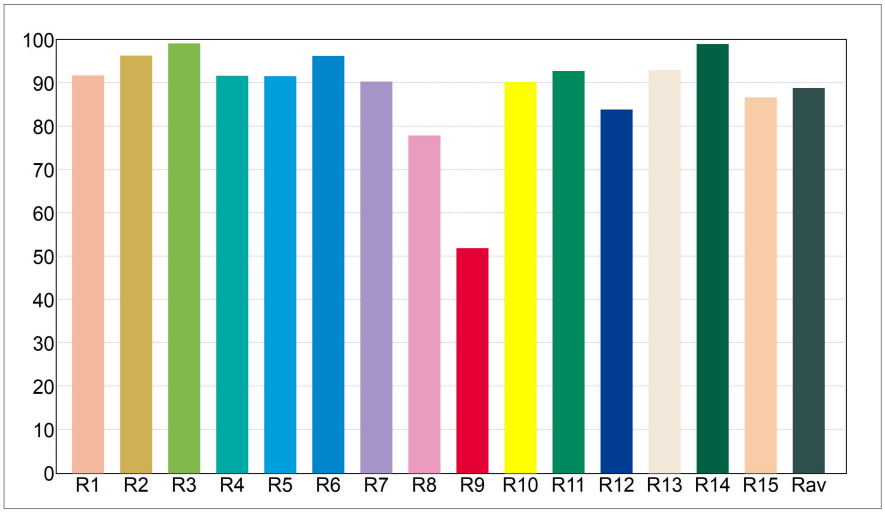


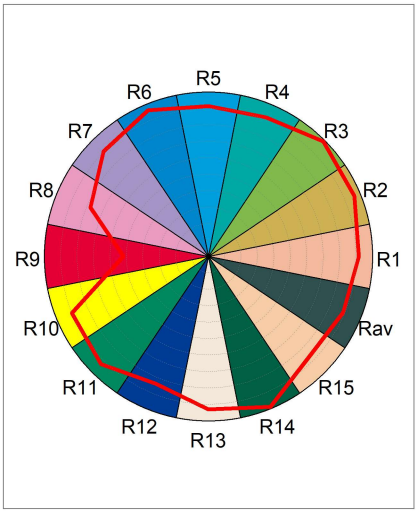



**Luminaire**
Code 309
Name NANS_PORTABLE_M_OUTDOOR
**Measurem.**
Code CL092A25D002GP
Name NANS_PORTABLE_M_OUTDOOR

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393 lm | Luminaire Power | 8.3 W | Efficacy | 47.401 lm/W | Efficiency | 100.00% |
| Source Flux | 393 lm | Maximum value | 202.77 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

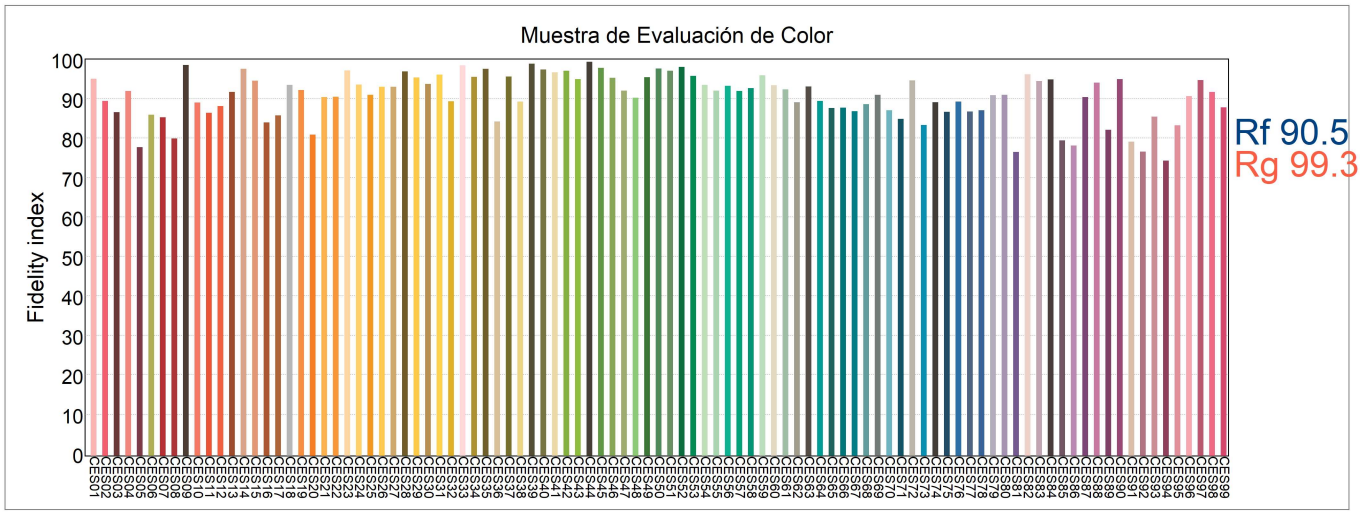
## CRI Graphs



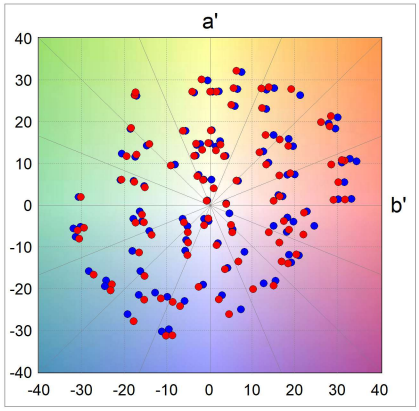



**Luminaire**
Code 309
Name NANS_PORTABLE_M_OUTDOOR
**Measurem.**
Code CL092A25D002GP
Name NANS_PORTABLE_M_OUTDOOR

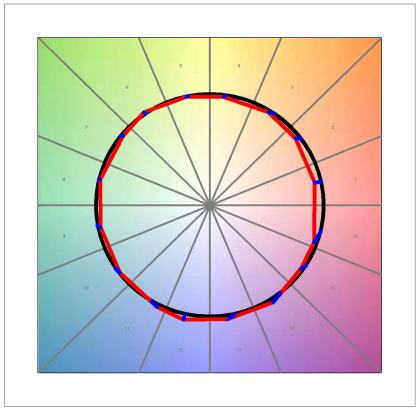
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 393 lm | Luminaire Power | 8.3 W | Efficacy | 47.401 lm/W | Efficiency | 100.00% |
| Source Flux | 393 lm | Maximum value | 202.77 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |



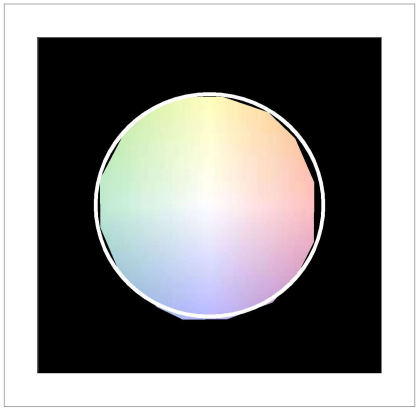

Chromatic Coordinates (a', b') 99 CES



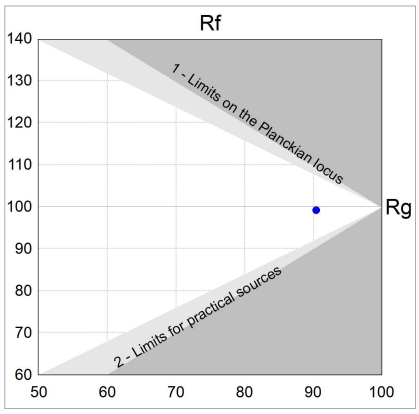

Color Vector Graphic



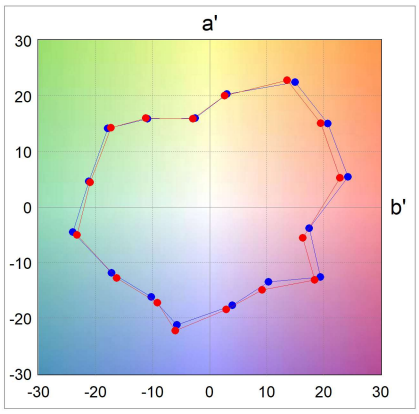
Color Distorsion Graphic



Rg vs Rf Plot




Gamut Polygon




Bin Deviation

