## Luminaire

| | |
|---|---|
| Code | 30924324xxx |
| Name | Nans M/21/R |
| Line | |

## Measurem.

| | |
|---|---|
| Code | CL092A24D012GP |
| Name | Nans M/21/R |

## Source Data

| | | | | | |
|---|---|---|---|---|---|
| Code | | Correlated Color Temperature (CCT) | 2623K | Q.ty | 1 |
| Name | SPMWH1228MD7WAWUVK | Color rendering index (CRI) | 92 | | |
| Line | | | | | |

## Measurement data

| | | | |
|---|---|---|---|
| Coordinate system | CG | Symmetry Type | Double Symmetrical |
| Date | 22-10-2024 | Maximum Gamma Angle | 180° |
| Measurement Distance | 6.49m | Measurement Flux | 147.9 lm |
| Maximum | 598.03 cd/klm | Position | C=0.0° G=0.0° |
| Remarks | RM24070806 | | |

## Electrical Parameters

| | | | |
|---|---|---|---|
| Channel 1 | | Channel 2 | |
| Voltage | 0.00 V | Voltage | 0.00 V |
| Current | 0.00 A | Current | 0.00 A |
| Power | 0.00 W | Power | 0.00 W |
| Frequency | 0 Hz | Frequency | 0 Hz |
| Power Factor | 0.00 | Power Factor | 0.00 |

## Environmental Parameters

| | | | |
|---|---|---|---|
| Temperature | 25.1 °C | Air Speed | 0.0 m/s |
| Humidity | 48.7 % | | |

## Luminaire Dimensions

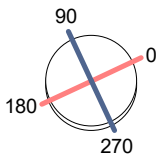
| | | | | | |
|---|---|---|---|---|---|
| Round Luminaire | Diam. | 160 mm | Height | 210 mm | |
| Round Luminous Area | Diam. | 80 mm | Height | 0 mm | |
| | | | | | |
| Horizontal Luminous Area | 0.005027 m2 | | Emitting area on Plane 180° | 0.000000 m2 | |
| Emitting area on Plane 0° | 0.000000 m2 | | Emitting area on Plane 270° | 0.000000 m2 | |
| Emitting area on Plane 90° | 0.000000 m2 | | Glare area at 76° | 0.001216 m2 | |

## Photometric Assessment

| | | | |
|---|---|---|---|
| Luminaire Flux | 147.9 lm | Source Flux | 147.9 lm |
| Efficacy | 0.000 lm/W | Efficiency | 100.0 % |
| CIE Flux Codes | 45 72 90 91 100 | D DIN 5040 | A31 |
| F UTE | 0.91 E + 0.09 T | B NBN | BZ 5 |



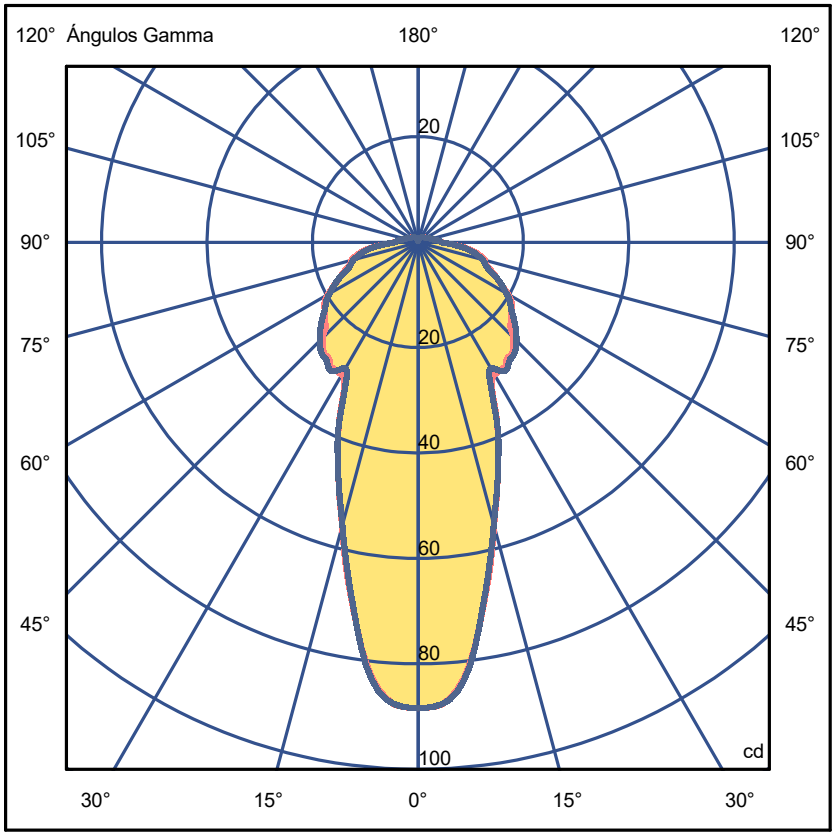
Diam=160mm







ULOR 9.16 %
DLOR 90.84 %
RN 9.16 %



**Luminaire**
Code 30924324xxx
Name Nans M/21/R
**Measurem.**
Code CL092A24D012GP
Name Nans M/21/R

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency | 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

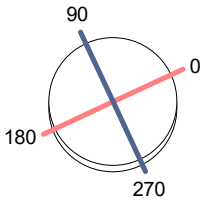
**Luminous Intensity Table cd** **Table 1/1**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|---|---|---|---|---|---|---|---|
| G 0.0 | 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| G 2.5 | 88 | 88 | 88 | 88 | 88 | 88 | 88 |
| G 5.0 | 85 | 86 | 86 | 86 | 86 | 86 | 86 |
| G 7.5 | 79 | 80 | 80 | 80 | 79 | 79 | 79 |
| G 10.0 | 71 | 71 | 72 | 71 | 71 | 71 | 71 |
| G 12.5 | 63 | 64 | 63 | 63 | 63 | 63 | 63 |
| G 15.0 | 56 | 56 | 56 | 56 | 56 | 56 | 55 |
| G 17.5 | 50 | 50 | 50 | 50 | 50 | 50 | 50 |
| G 20.0 | 44 | 45 | 44 | 44 | 44 | 44 | 44 |
| G 22.5 | 40 | 39 | 39 | 39 | 39 | 40 | 40 |
| G 25.0 | 35 | 34 | 34 | 34 | 34 | 34 | 34 |
| G 27.5 | 30 | 30 | 30 | 30 | 30 | 30 | 29 |
| G 30.0 | 29 | 29 | 28 | 28 | 28 | 28 | 28 |
| G 32.5 | 29 | 28 | 29 | 29 | 29 | 29 | 29 |
| G 35.0 | 29 | 29 | 29 | 30 | 30 | 29 | 29 |
| G 37.5 | 28 | 28 | 28 | 28 | 28 | 28 | 28 |
| G 40.0 | 28 | 27 | 27 | 28 | 28 | 28 | 28 |
| G 42.5 | 27 | 27 | 27 | 27 | 28 | 28 | 27 |
| G 45.0 | 26 | 25 | 26 | 26 | 26 | 27 | 26 |
| G 47.5 | 24 | 24 | 24 | 25 | 25 | 25 | 25 |
| G 50.0 | 23 | 23 | 23 | 24 | 24 | 24 | 24 |
| G 52.5 | 22 | 22 | 22 | 22 | 23 | 23 | 23 |
| G 55.0 | 22 | 21 | 21 | 21 | 21 | 21 | 21 |
| G 57.5 | 21 | 21 | 21 | 21 | 21 | 21 | 21 |
| G 60.0 | 20 | 20 | 20 | 19 | 19 | 19 | 19 |
| G 62.5 | 18 | 18 | 18 | 18 | 18 | 18 | 18 |
| G 65.0 | 17 | 17 | 16 | 16 | 17 | 17 | 17 |
| G 67.5 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| G 70.0 | 14 | 14 | 14 | 13 | 14 | 14 | 14 |
| G 72.5 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| G 75.0 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| G 77.5 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| G 80.0 | 11 | 11 | 11 | 11 | 11 | 11 | 11 |
| G 82.5 | 10 | 9 | 9 | 9 | 9 | 9 | 9 |
| G 85.0 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G 87.5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| G 90.0 | 5 | 5 | 5 | 5 | 5 | 5 | 4 |
| G 92.5 | 4 | 5 | 5 | 5 | 5 | 4 | 4 |
| G 95.0 | 4 | 4 | 5 | 5 | 5 | 4 | 4 |
| G 97.5 | 3 | 4 | 4 | 5 | 4 | 4 | 3 |
| G100.0 | 3 | 3 | 4 | 4 | 4 | 3 | 3 |
| G102.5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G105.0 | 2 | 3 | 3 | 3 | 3 | 3 | 2 |
| G107.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G110.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G112.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G115.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G117.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G120.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G122.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G125.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G127.5 | 2 | 2 | 2 | 2 | 2 | 2 | 1 |
| G130.0 | 1 | 2 | 2 | 2 | 2 | 1 | 1 |
| G132.5 | 1 | 1 | 2 | 2 | 1 | 1 | 1 |
| G135.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G137.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G140.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G142.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G145.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G147.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G150.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G152.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G155.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G157.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G160.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G162.5 | 1 | 1 | 1 | 0 | 1 | 1 | 1 |
| G165.0 | 1 | 1 | 0 | 0 | 0 | 1 | 1 |
| G167.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G170.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G172.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G175.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G177.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G180.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

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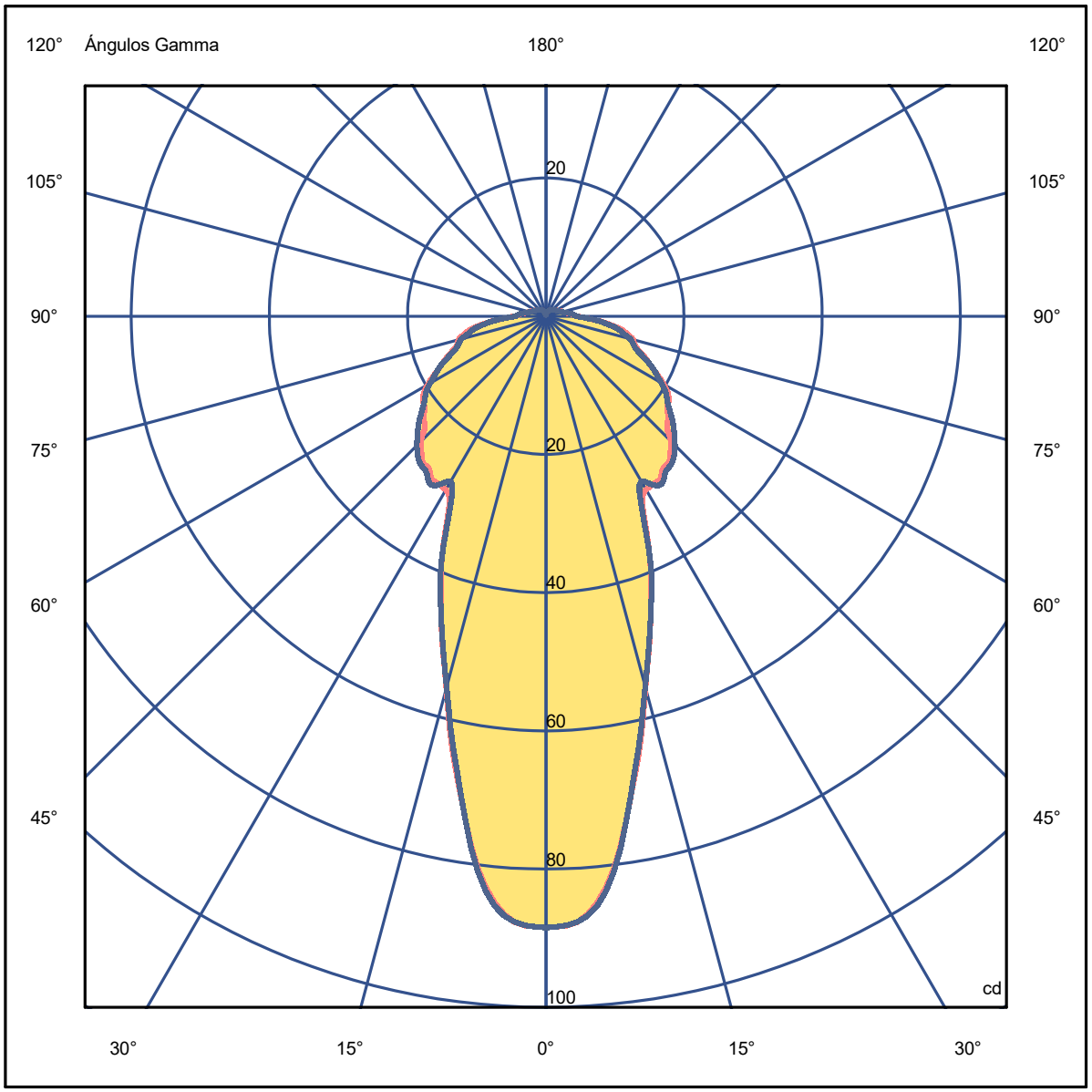
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency | 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=160mm




Semiplanos C



**Luminaire**
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| | | | | | | |
|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 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 | 18.8 | 20.0 | 19.2 | 20.4 | 20.8 | 18.8 | 20.0 | 19.2 | 20.4 | 20.9 |
| x=2H y=3H | 20.8 | 21.9 | 21.2 | 22.4 | 22.8 | 20.8 | 21.9 | 21.2 | 22.4 | 22.8 |
| x=2H y=4H | 22.0 | 23.1 | 22.5 | 23.5 | 24.0 | 21.9 | 23.0 | 22.4 | 23.4 | 23.9 |
| x=2H y=6H | 23.3 | 24.3 | 23.8 | 24.8 | 25.3 | 23.1 | 24.2 | 23.6 | 24.6 | 25.1 |
| x=2H y=8H | 23.9 | 24.9 | 24.4 | 25.4 | 25.9 | 23.8 | 24.7 | 24.3 | 25.2 | 25.7 |
| x=2H y=12H | 24.5 | 25.5 | 25.1 | 26.0 | 26.5 | 24.4 | 25.3 | 24.9 | 25.8 | 26.3 |
| x=4H y=2H | 19.5 | 20.6 | 20.0 | 21.0 | 21.5 | 19.5 | 20.6 | 20.0 | 21.1 | 21.5 |
| x=4H y=3H | 21.8 | 22.7 | 22.3 | 23.2 | 23.7 | 21.8 | 22.7 | 22.3 | 23.2 | 23.7 |
| x=4H y=4H | 23.2 | 24.0 | 23.7 | 24.5 | 25.1 | 23.1 | 23.9 | 23.6 | 24.4 | 25.0 |
| x=4H y=6H | 24.7 | 25.4 | 25.2 | 26.0 | 26.5 | 24.5 | 25.3 | 25.1 | 25.8 | 26.4 |
| x=4H y=8H | 25.4 | 26.1 | 26.0 | 26.7 | 27.3 | 25.2 | 25.9 | 25.8 | 26.5 | 27.1 |
| x=4H y=12H | 26.1 | 26.8 | 26.7 | 27.3 | 28.0 | 26.0 | 26.6 | 26.5 | 27.2 | 27.8 |
| x=8H y=4H | 23.7 | 24.4 | 24.3 | 25.0 | 25.6 | 23.7 | 24.3 | 24.2 | 24.9 | 25.5 |
| x=8H y=6H | 25.5 | 26.1 | 26.1 | 26.6 | 27.3 | 25.4 | 25.9 | 26.0 | 26.5 | 27.2 |
| x=8H y=8H | 26.4 | 26.9 | 27.0 | 27.5 | 28.2 | 26.2 | 26.7 | 26.8 | 27.3 | 28.0 |
| x=8H y=12H | 27.3 | 27.7 | 27.9 | 28.3 | 29.0 | 27.1 | 27.6 | 27.7 | 28.2 | 28.9 |
| x=12H y=4H | 23.8 | 24.5 | 24.4 | 25.0 | 25.7 | 23.8 | 24.4 | 24.4 | 25.0 | 25.6 |
| x=12H y=6H | 25.7 | 26.2 | 26.3 | 26.8 | 27.5 | 25.6 | 26.1 | 26.2 | 26.7 | 27.3 |
| x=12H y=8H | 26.7 | 27.1 | 27.3 | 27.7 | 28.4 | 26.5 | 27.0 | 27.2 | 27.6 | 28.3 |

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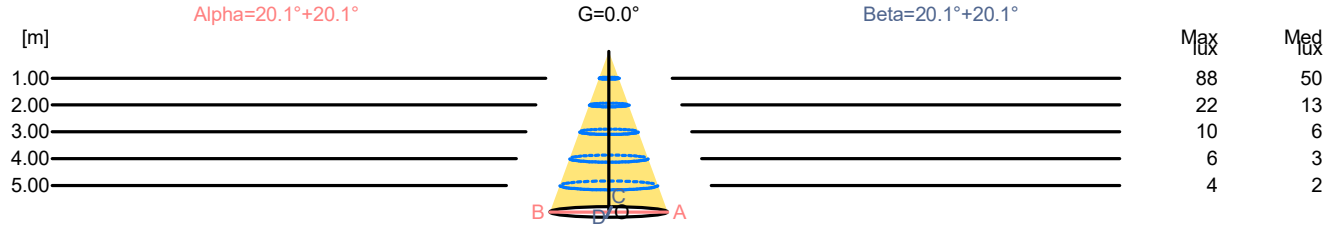
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency | 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

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 | 0.37 | 0.73 | 1.10 | 1.47 | 1.83 | OC | 0.37 | 0.73 | 1.10 | 1.47 | 1.83 |
| OB | 0.37 | 0.73 | 1.10 | 1.47 | 1.83 | OD | 0.37 | 0.73 | 1.10 | 1.47 | 1.83 |

Luminous Intensities [ cd]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 88.45 | 85.17 | 55.67 | 34.54 | 28.84 | 25.57 | 21.66 | 16.70 | 13.08 | 7.75 |
| OB | 88.45 | 85.17 | 55.67 | 34.54 | 28.84 | 25.57 | 21.66 | 16.70 | 13.08 | 7.75 |
| OC | 88.45 | 85.60 | 55.48 | 34.15 | 29.41 | 26.41 | 21.46 | 16.75 | 12.62 | 7.61 |
| OD | 88.45 | 85.60 | 55.48 | 34.15 | 29.41 | 26.41 | 21.46 | 16.75 | 12.62 | 7.61 |



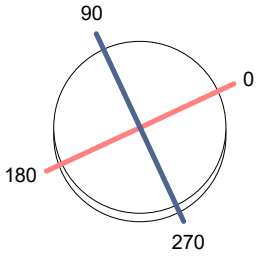

| H[m] | D[m] | Max lux | Med lux | Alpha=20.1°+20.1° G=0.0 |
|---|---|---|---|---|
| 1.00 | 0.73 | 88 | 50 | |
| 2.00 | 1.47 | 22 | 13 | |
| 3.00 | 2.20 | 10 | 6 | |
| 4.00 | 2.93 | 6 | 3 | |
| 5.00 | 3.66 | 4 | 2 | |

| H[m] | D[m] | Max lux | Med lux | Beta=20.1°+20.1° G=0.0 |
|---|---|---|---|---|
| 1.00 | 0.73 | 88 | 50 | |
| 2.00 | 1.47 | 22 | 13 | |
| 3.00 | 2.20 | 10 | 6 | |
| 4.00 | 2.94 | 6 | 3 | |
| 5.00 | 3.67 | 4 | 2 | |

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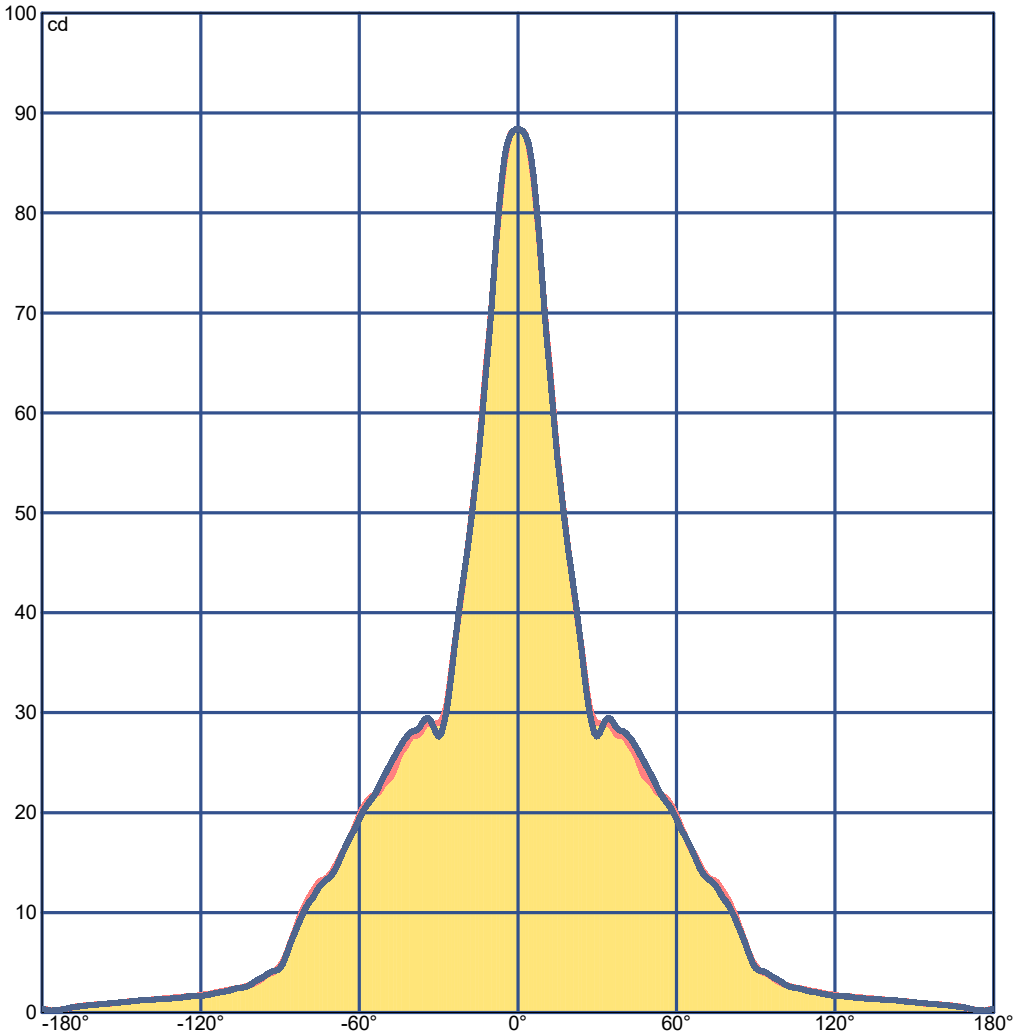
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency | 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Diam=160mm




Semiplanos C



**Luminaire**
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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency | 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Flujo Total=147.90 Flujo Luminaria=147.90

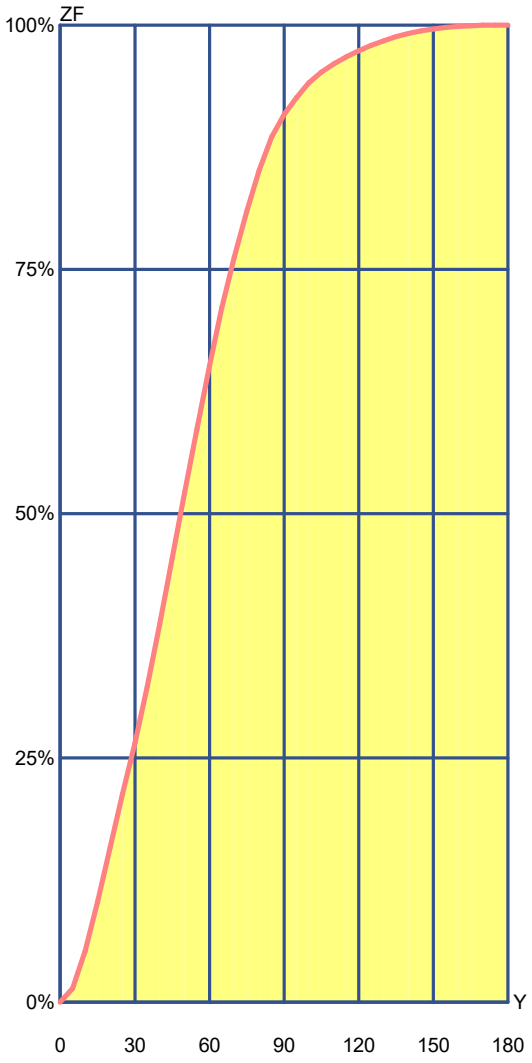
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRR | 0.30 | 0.37 | 0.43 | 0.50 | 0.55 | 0.63 | 0.69 | 0.73 | 0.78 | 0.82 | 0.90 | 0.94 |
| RC | 5 | 5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

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) | 52 | 158 | 265 | 386 | 522 | 652 | 762 | 852 | 908 | 941 | 960 | 974 | 984 | 991 | 996 | 999 | 1000 | 1000 |

Códigos de Flujo C.I.E.
45 72 90 91 100

| | | | |
|---|---|---|---|
| C.I.E. | 5/5/6/6/6/6/6/6/6/6/6 | LOR | 100.00000 % |
| D DIN 5040 | A31 | ULOR | 9.16472 % |
| F UTE | 0.91 E + 0.09 T | DLOR | 90.83528 % |
| B NBN | BZ 5 | UFF | 9.16472 % |
| RN | 9.16472 % | DFF | 90.83528 % |
| BLF | 1.0 | FFR | 10.08938 % |



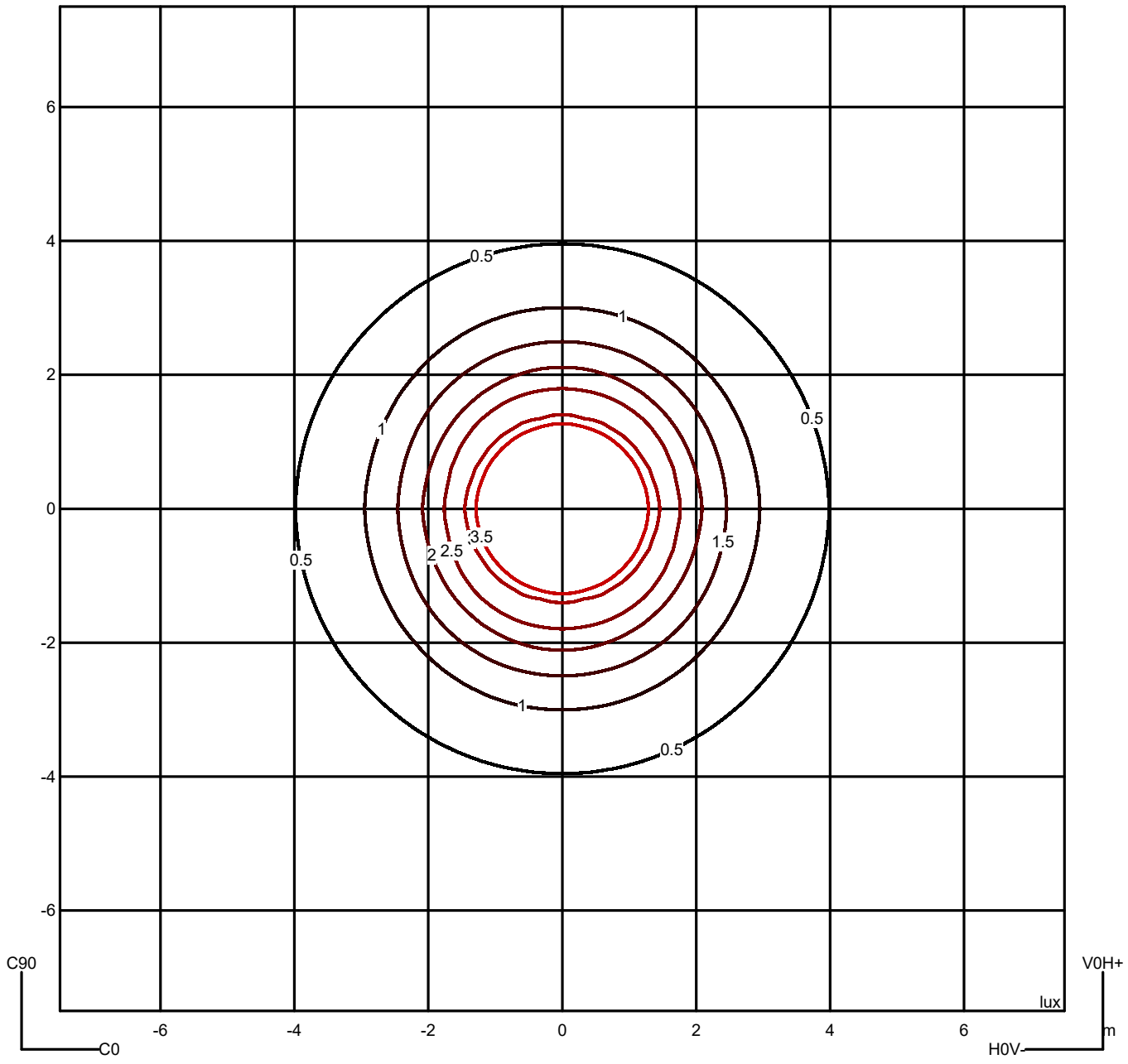

| Flujo Zonal | | | | |
|---|---|---|---|---|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 14.10 | 14.10 | 1.41 % | 1.41 % |
| 10° | 37.92 | 52.02 | 3.79 % | 5.20 % |
| 15° | 50.40 | 102.41 | 5.04 % | 10.24 % |
| 20° | 55.43 | 157.84 | 5.54 % | 15.78 % |
| 25° | 55.37 | 213.21 | 5.54 % | 21.32 % |
| 30° | 52.16 | 265.37 | 5.22 % | 26.54 % |
| 35° | 57.26 | 322.63 | 5.73 % | 32.26 % |
| 40° | 63.85 | 386.48 | 6.39 % | 38.65 % |
| 45° | 67.67 | 454.15 | 6.77 % | 45.41 % |
| 50° | 67.48 | 521.63 | 6.75 % | 52.16 % |
| 55° | 65.86 | 587.49 | 6.59 % | 58.75 % |
| 60° | 64.21 | 651.70 | 6.42 % | 65.17 % |
| 65° | 59.00 | 710.70 | 5.90 % | 71.07 % |
| 70° | 51.74 | 762.43 | 5.17 % | 76.24 % |
| 75° | 46.67 | 809.10 | 4.67 % | 80.91 % |
| 80° | 42.48 | 851.58 | 4.25 % | 85.16 % |
| 85° | 33.93 | 885.50 | 3.39 % | 88.55 % |
| 90° | 22.85 | 908.35 | 2.28 % | 90.84 % |
| 95° | 17.59 | 925.94 | 1.76 % | 92.59 % |
| 100° | 14.98 | 940.92 | 1.50 % | 94.09 % |
| 105° | 10.85 | 951.77 | 1.09 % | 95.18 % |
| 110° | 8.48 | 960.25 | 0.85 % | 96.02 % |
| 115° | 7.27 | 967.52 | 0.73 % | 96.75 % |
| 120° | 6.23 | 973.75 | 0.62 % | 97.38 % |
| 125° | 5.47 | 979.22 | 0.55 % | 97.92 % |
| 130° | 4.76 | 983.98 | 0.48 % | 98.40 % |
| 135° | 4.04 | 988.02 | 0.40 % | 98.80 % |
| 140° | 3.35 | 991.37 | 0.33 % | 99.14 % |
| 145° | 2.67 | 994.04 | 0.27 % | 99.40 % |
| 150° | 2.04 | 996.07 | 0.20 % | 99.61 % |
| 155° | 1.50 | 997.58 | 0.15 % | 99.76 % |
| 160° | 1.08 | 998.66 | 0.11 % | 99.87 % |
| 165° | 0.72 | 999.38 | 0.07 % | 99.94 % |
| 170° | 0.42 | 999.80 | 0.04 % | 99.98 % |
| 175° | 0.16 | 999.96 | 0.02 % | 100.00 % |
| 180° | 0.04 | 1000.00 | 0.00 % | 100.00 % |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency | 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

Isolux (Floor)

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



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency | 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

## Spectral Data

Std.: No import standard

| | | | |
|---|---|---|---|
| CIE1931 | x =0.463878 | y =0.407734 | Color rendering index (CRI) |
| CIE1960 | u =0.266403 | v =0.351240 | Color Rendering Components |
| CIE1976 | u'=0.266403 | v'=0.526860 | |
| D(u,v) | 0.00136 | | |

CCT = [2623 K]*

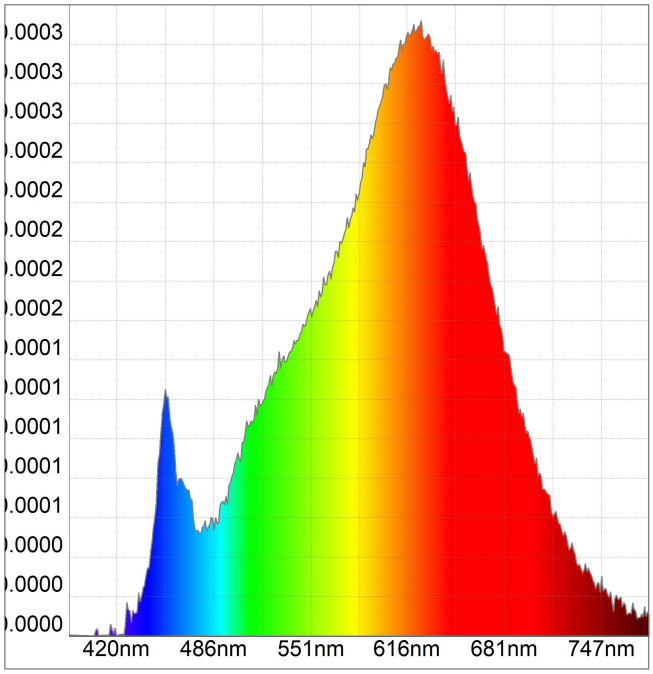
CRI8(Ra) [92.9]* CRI15(Rav) [90.5]*

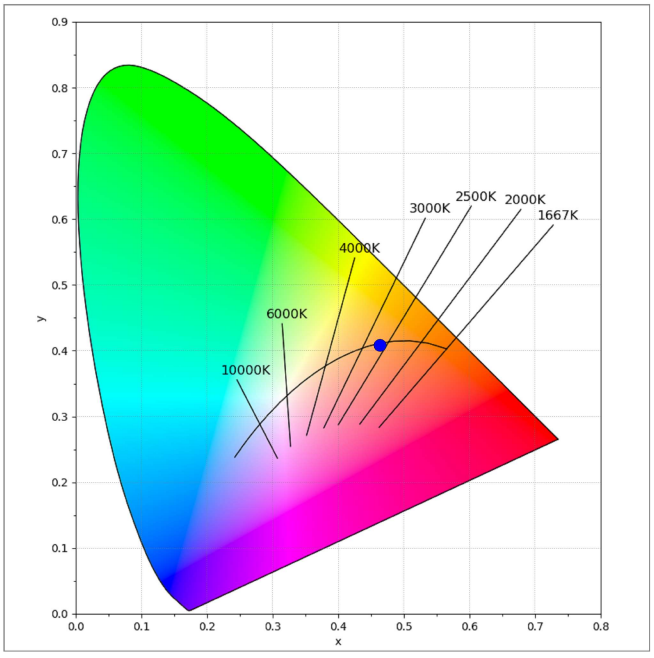
| | | | | |
|---|---|---|---|---|
| R 1: 93.8 | R 2: 98.0 | R 3: 98.4 | R 4: 93.0 | R 5: 93.8 |
| R 6: 96.8 | R 7: 90.0 | R 8: 79.7 | R 9: 57.6 | R10: 94.1 |
| R11: 94.5 | R12: 84.6 | R13: 95.3 | R14: 99.3 | R15: 89.1 |

## Spectral Distribution

| l(nm) | Radiant Power | l(nm) | Radiant Power | l(nm) | Radiant Power |
|---|---|---|---|---|---|
| 388.0 | 0.000000 | 394.0 | 0.000000 | 400.0 | 0.000000 |
| 406.0 | 0.000003 | 412.0 | 0.000000 | 418.0 | 0.000001 |
| 424.0 | 0.000001 | 430.0 | 0.000007 | 436.0 | 0.000017 |
| 442.0 | 0.000034 | 448.0 | 0.000087 | 454.0 | 0.000121 |
| 460.0 | 0.000084 | 466.0 | 0.000076 | 472.0 | 0.000059 |
| 478.0 | 0.000055 | 484.0 | 0.000060 | 490.0 | 0.000066 |
| 496.0 | 0.000076 | 502.0 | 0.000093 | 508.0 | 0.000109 |
| 514.0 | 0.000117 | 520.0 | 0.000120 | 526.0 | 0.000132 |
| 532.0 | 0.000140 | 538.0 | 0.000144 | 544.0 | 0.000153 |
| 550.0 | 0.000164 | 556.0 | 0.000167 | 562.0 | 0.000178 |
| 568.0 | 0.000195 | 574.0 | 0.000204 | 580.0 | 0.000217 |
| 586.0 | 0.000232 | 592.0 | 0.000254 | 598.0 | 0.000269 |
| 604.0 | 0.000281 | 610.0 | 0.000293 | 616.0 | 0.000304 |
| 622.0 | 0.000305 | 628.0 | 0.000302 | 634.0 | 0.000299 |
| 640.0 | 0.000285 | 646.0 | 0.000274 | 652.0 | 0.000253 |
| 658.0 | 0.000231 | 664.0 | 0.000211 | 670.0 | 0.000191 |
| 676.0 | 0.000167 | 682.0 | 0.000144 | 688.0 | 0.000129 |
| 694.0 | 0.000111 | 700.0 | 0.000099 | 706.0 | 0.000083 |
| 712.0 | 0.000072 | 718.0 | 0.000060 | 724.0 | 0.000051 |
| 730.0 | 0.000042 | 736.0 | 0.000033 | 742.0 | 0.000029 |
| 748.0 | 0.000030 | 754.0 | 0.000022 | 760.0 | 0.000019 |
| 766.0 | 0.000011 | 772.0 | 0.000009 | 778.0 | 0.000010 |

## Spectrum Graph

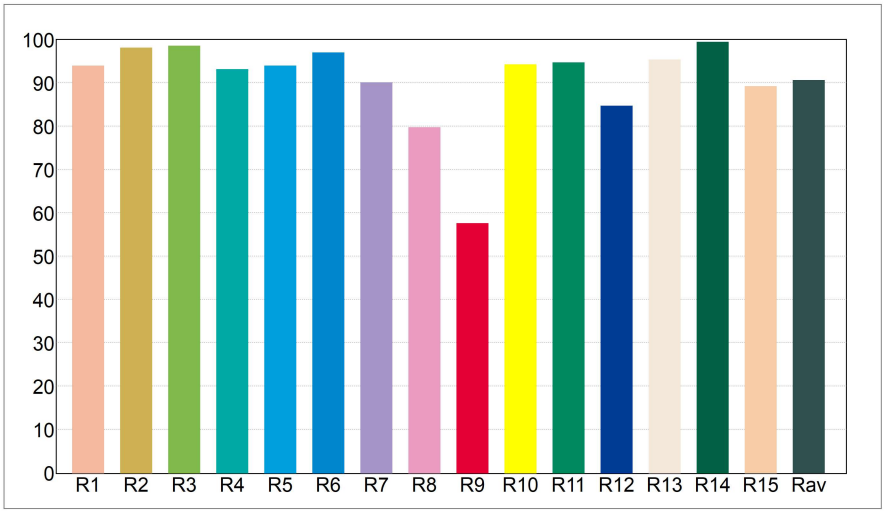


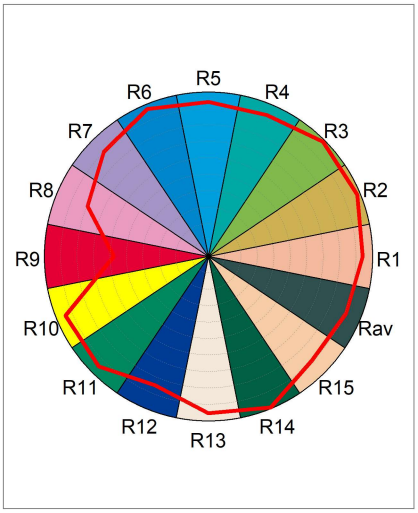



**Luminaire**
Code 30924324xxx
Name Nans M/21/R
**Measurem.**
Code CL092A24D012GP
Name Nans M/21/R

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency | 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |

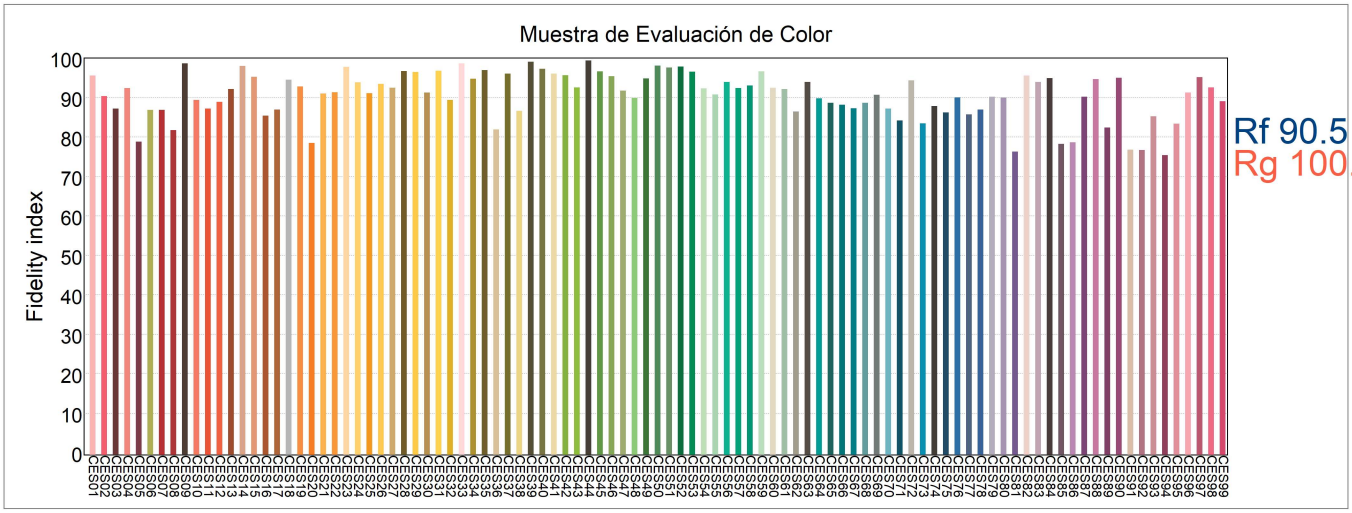
## CRI Graphs



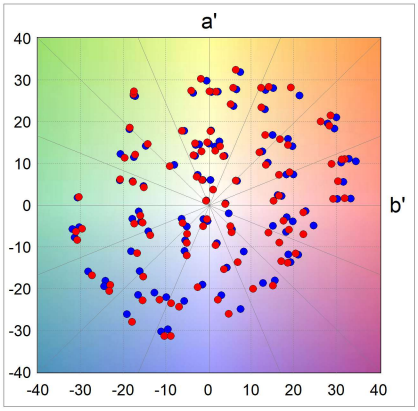



**Luminaire**
Code 30924324xxx
Name Nans M/21/R
**Measurem.**
Code CL092A24D012GP
Name Nans M/21/R

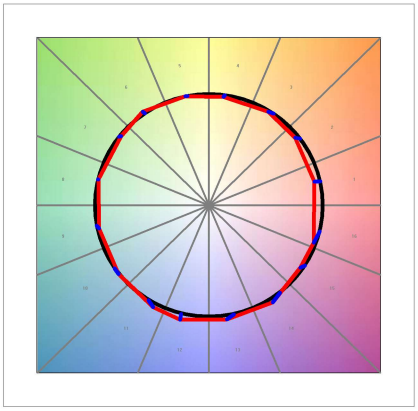
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 148 lm | Luminaire Power | 0.0 W | Efficacy | --- | Efficiency | 100.00% |
| Source Flux | 148 lm | Maximum value | 88.45 cd | Position | C=0.00 G=0.00 | CG | Double Symmetrical |



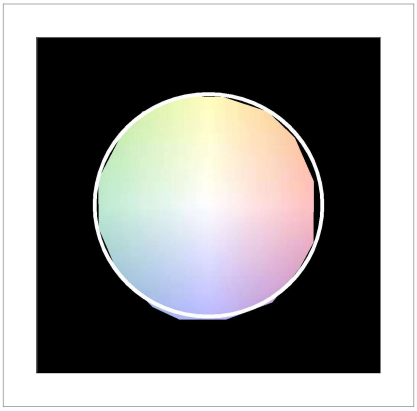

Chromatic Coordinates (a', b') 99 CES



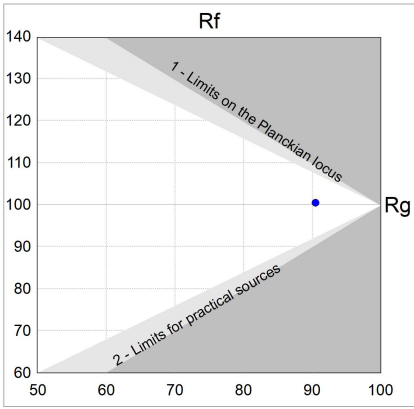

Color Vector Graphic



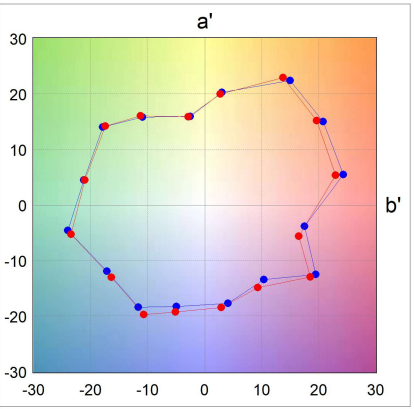
Color Distorsion Graphic



Rg vs Rf Plot




Gamut Polygon




Bin Deviation

