## Luminaire

| | |
|---|---|
| Code | 30931309xxx |
| Name | NANS_BAG_38_OUTDOOR_2200K_BROWN_RED |
| Line | |

## Measurem.

| | |
|---|---|
| Code | CL092A24D005VP |
| Name | NANS_BAG_38_OUTDOOR_2200K_BROWN_RED |

## Source Data

| | | | | | |
|---|---|---|---|---|---|
| Code | LED | Correlated Color Temperature (CCT) | 2098K | Q.ty | 1 |
| Name | LED | Color rendering index (CRI) | 94 | | |
| Line | | | | | |

## Measurement data

| | | | |
|---|---|---|---|
| Coordinate system | CG | Symmetry Type | Double Symmetrical |
| Date | 04-07-2024 | Maximum Gamma Angle | 180° |
| Measurement Distance | 6.49m | Measurement Flux | 1022.9 lm |
| Maximum | 446.01 cd/klm | Position | C=15.0° G=2.5° |
| Remarks | RM24070303 | | |

## Electrical Parameters

| | | | |
|---|---|---|---|
| Channel 1 | | Channel 2 | |
| Voltage | 230.08 V | Voltage | 0.00 V |
| Current | 0.13 A | Current | 0.00 A |
| Power | 19.07 W | Power | 0.00 W |
| Frequency | 0 Hz | Frequency | 0 Hz |
| Power Factor | 0.62 | Power Factor | 0.00 |

## Environmental Parameters

| | | | |
|---|---|---|---|
| Temperature | 24.3 °C | Air Speed | 0.0 m/s |
| Humidity | 60.6 % | | |

## Luminaire Dimensions

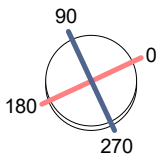
| | | | | | |
|---|---|---|---|---|---|
| Round Luminaire | Diam. | 600 mm | Height | 330 mm | |
| Round Luminous Area | Diam. | 300 mm | Height | 0 mm | |
| | | | | | |
| Horizontal Luminous Area | 0.070686 m2 | | Emitting area on Plane 180° | 0.000000 m2 | |
| Emitting area on Plane 0° | 0.000000 m2 | | Emitting area on Plane 270° | 0.000000 m2 | |
| Emitting area on Plane 90° | 0.000000 m2 | | Glare area at 76° | 0.017100 m2 | |

## Photometric Assessment

| | | | |
|---|---|---|---|
| Luminaire Flux | 1022.9 lm | Source Flux | 1022.9 lm |
| Efficacy | 53.625 lm/W | Efficiency | 100.0 % |
| CIE Flux Codes | 57 81 94 93 100 | D DIN 5040 | A41 |
| F UTE | 0.93 D + 0.07 T | B NBN | BZ 3 / 1.25 / BZ 4 |



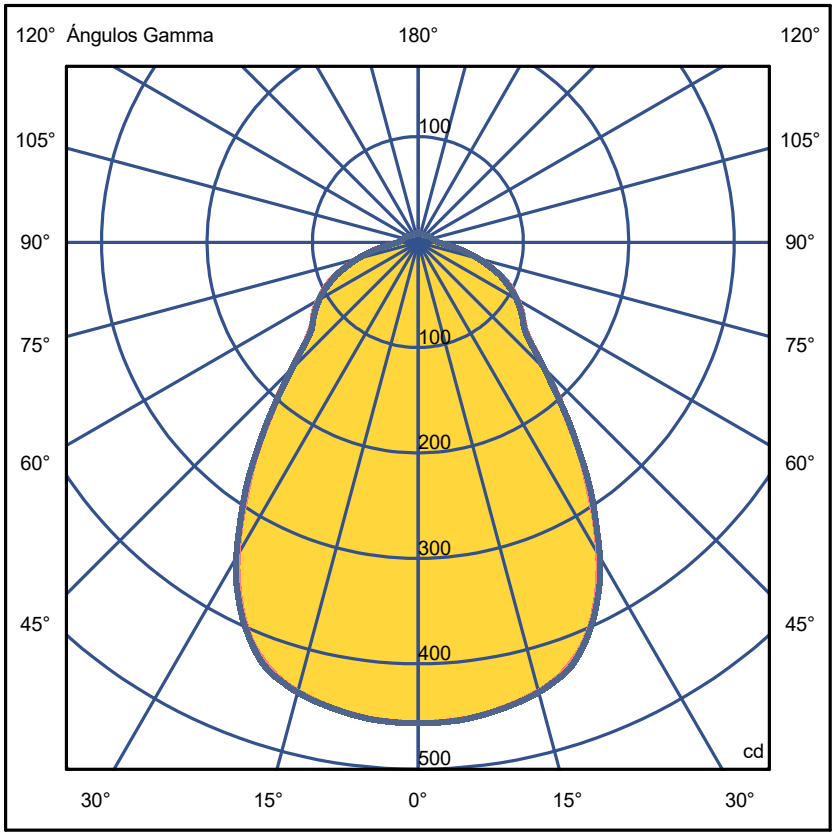
Diam=600mm







ULOR 7.21 %
DLOR 92.79 %
RN 7.21 %



**Luminaire**
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**Measurem.**
Code CL092A24D005VP
Name NANS_BAG_38_OUTDOOR_2200K_BROWN_RED

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 1023 lm | Luminaire Power | 19.1 W | Efficacy | 53.625 lm/W | Efficiency | 100.00% |
| Source Flux | 1023 lm | Maximum value | 456.22 cd | Position | C=15.00 G=2.50 | CG | Double Symmetrical |

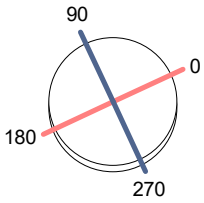
**Luminous Intensity Table cd** **Table 1/1**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|---|---|---|---|---|---|---|---|
| G 0.0 | 456 | 456 | 456 | 456 | 456 | 456 | 456 |
| G 2.5 | 456 | 456 | 456 | 456 | 456 | 456 | 456 |
| G 5.0 | 455 | 455 | 455 | 455 | 455 | 455 | 455 |
| G 7.5 | 453 | 453 | 453 | 453 | 453 | 453 | 453 |
| G 10.0 | 450 | 450 | 450 | 450 | 450 | 450 | 450 |
| G 12.5 | 446 | 447 | 446 | 446 | 446 | 446 | 446 |
| G 15.0 | 441 | 442 | 442 | 442 | 442 | 442 | 442 |
| G 17.5 | 435 | 436 | 436 | 436 | 436 | 436 | 436 |
| G 20.0 | 425 | 427 | 428 | 428 | 428 | 427 | 427 |
| G 22.5 | 411 | 412 | 414 | 416 | 415 | 413 | 412 |
| G 25.0 | 392 | 394 | 394 | 394 | 394 | 394 | 394 |
| G 27.5 | 369 | 370 | 367 | 367 | 368 | 371 | 372 |
| G 30.0 | 342 | 341 | 341 | 340 | 342 | 343 | 345 |
| G 32.5 | 312 | 312 | 311 | 312 | 313 | 315 | 314 |
| G 35.0 | 281 | 281 | 282 | 283 | 284 | 284 | 285 |
| G 37.5 | 252 | 251 | 253 | 255 | 255 | 253 | 253 |
| G 40.0 | 221 | 222 | 224 | 227 | 226 | 224 | 223 |
| G 42.5 | 195 | 193 | 196 | 199 | 198 | 195 | 194 |
| G 45.0 | 169 | 169 | 170 | 171 | 172 | 170 | 169 |
| G 47.5 | 149 | 148 | 146 | 146 | 148 | 149 | 148 |
| G 50.0 | 135 | 133 | 131 | 130 | 132 | 133 | 133 |
| G 52.5 | 126 | 126 | 125 | 126 | 125 | 126 | 126 |
| G 55.0 | 121 | 120 | 120 | 120 | 120 | 120 | 120 |
| G 57.5 | 115 | 115 | 114 | 115 | 114 | 114 | 114 |
| G 60.0 | 109 | 108 | 108 | 108 | 107 | 107 | 108 |
| G 62.5 | 102 | 101 | 101 | 100 | 100 | 101 | 101 |
| G 65.0 | 95 | 94 | 94 | 94 | 94 | 93 | 93 |
| G 67.5 | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| G 70.0 | 77 | 77 | 77 | 77 | 77 | 76 | 76 |
| G 72.5 | 68 | 67 | 68 | 67 | 67 | 67 | 67 |
| G 75.0 | 59 | 59 | 59 | 59 | 59 | 59 | 58 |
| G 77.5 | 50 | 50 | 50 | 50 | 50 | 49 | 49 |
| G 80.0 | 41 | 41 | 42 | 42 | 42 | 41 | 41 |
| G 82.5 | 34 | 34 | 34 | 34 | 34 | 34 | 34 |
| G 85.0 | 27 | 27 | 27 | 26 | 27 | 26 | 26 |
| G 87.5 | 22 | 21 | 22 | 21 | 22 | 21 | 21 |
| G 90.0 | 19 | 19 | 19 | 19 | 19 | 19 | 19 |
| G 92.5 | 18 | 18 | 18 | 18 | 18 | 17 | 18 |
| G 95.0 | 16 | 17 | 17 | 17 | 17 | 16 | 16 |
| G 97.5 | 16 | 16 | 17 | 17 | 17 | 16 | 16 |
| G100.0 | 15 | 16 | 16 | 16 | 16 | 16 | 15 |
| G102.5 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| G105.0 | 14 | 14 | 15 | 15 | 15 | 14 | 14 |
| G107.5 | 14 | 14 | 14 | 14 | 14 | 13 | 14 |
| G110.0 | 13 | 13 | 13 | 14 | 14 | 12 | 13 |
| G112.5 | 13 | 12 | 13 | 13 | 13 | 12 | 13 |
| G115.0 | 12 | 12 | 12 | 13 | 12 | 12 | 12 |
| G117.5 | 12 | 11 | 11 | 12 | 11 | 11 | 12 |
| G120.0 | 11 | 11 | 10 | 11 | 11 | 11 | 11 |
| G122.5 | 11 | 10 | 10 | 10 | 10 | 11 | 11 |
| G125.0 | 10 | 10 | 9 | 9 | 9 | 10 | 10 |
| G127.5 | 10 | 10 | 9 | 9 | 9 | 10 | 10 |
| G130.0 | 9 | 9 | 9 | 9 | 9 | 10 | 10 |
| G132.5 | 9 | 9 | 9 | 8 | 9 | 9 | 10 |
| G135.0 | 9 | 9 | 9 | 8 | 9 | 9 | 9 |
| G137.5 | 9 | 9 | 9 | 8 | 9 | 9 | 9 |
| G140.0 | 9 | 9 | 9 | 8 | 9 | 9 | 9 |
| G142.5 | 9 | 9 | 9 | 8 | 9 | 9 | 9 |
| G145.0 | 9 | 9 | 8 | 8 | 9 | 9 | 9 |
| G147.5 | 9 | 9 | 8 | 8 | 9 | 9 | 9 |
| G150.0 | 8 | 8 | 8 | 8 | 9 | 9 | 9 |
| G152.5 | 8 | 8 | 8 | 8 | 8 | 8 | 9 |
| G155.0 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G157.5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G160.0 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G162.5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G165.0 | 8 | 7 | 7 | 7 | 7 | 7 | 8 |
| G167.5 | 8 | 7 | 7 | 7 | 7 | 8 | 8 |
| G170.0 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G172.5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G175.0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| G177.5 | 10 | 10 | 9 | 10 | 9 | 10 | 10 |
| G180.0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |

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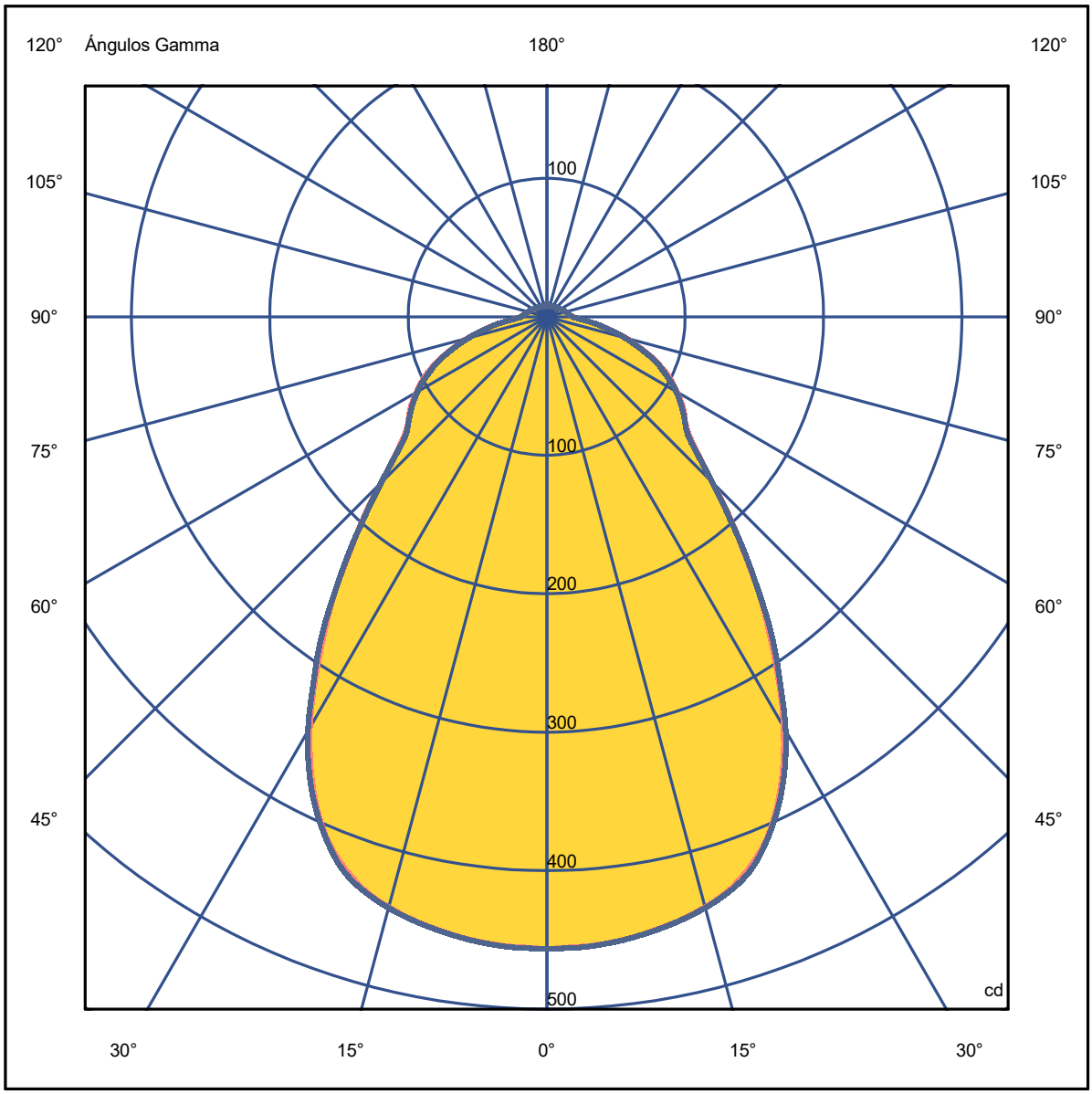
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 1023 lm | Luminaire Power | 19.1 W | Efficacy | 53.625 lm/W | Efficiency | 100.00% |
| Source Flux | 1023 lm | Maximum value | 456.22 cd | Position | C=15.00 G=2.50 | CG | Double Symmetrical |

Diam=600mm




Semiplanos C



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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 1023 lm | Luminaire Power | 19.1 W | Efficacy | 53.625 lm/W | Efficiency | 100.00% |
| Source Flux | 1023 lm | Maximum value | 456.22 cd | Position | C=15.00 G=2.50 | 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 | 15.3 | 16.4 | 15.7 | 16.8 | 17.1 | 15.3 | 16.4 | 15.7 | 16.8 | 17.1 |
| x=2H y=3H | 17.2 | 18.2 | 17.6 | 18.6 | 19.0 | 17.1 | 18.1 | 17.5 | 18.5 | 18.9 |
| x=2H y=4H | 18.0 | 18.9 | 18.4 | 19.3 | 19.8 | 17.9 | 18.9 | 18.4 | 19.3 | 19.7 |
| x=2H y=6H | 18.7 | 19.6 | 19.2 | 20.0 | 20.5 | 18.7 | 19.5 | 19.1 | 20.0 | 20.4 |
| x=2H y=8H | 19.0 | 19.9 | 19.5 | 20.3 | 20.8 | 19.0 | 19.8 | 19.5 | 20.3 | 20.7 |
| x=2H y=12H | 19.3 | 20.2 | 19.8 | 20.6 | 21.1 | 19.3 | 20.1 | 19.8 | 20.6 | 21.0 |
| x=4H y=2H | 16.0 | 17.0 | 16.5 | 17.4 | 17.8 | 16.0 | 17.0 | 16.5 | 17.4 | 17.8 |
| x=4H y=3H | 18.1 | 18.9 | 18.6 | 19.3 | 19.8 | 18.0 | 18.9 | 18.5 | 19.3 | 19.8 |
| x=4H y=4H | 19.1 | 19.8 | 19.6 | 20.3 | 20.8 | 19.0 | 19.8 | 19.5 | 20.2 | 20.7 |
| x=4H y=6H | 19.9 | 20.6 | 20.4 | 21.1 | 21.6 | 19.9 | 20.5 | 20.4 | 21.0 | 21.6 |
| x=4H y=8H | 20.3 | 20.9 | 20.9 | 21.4 | 22.0 | 20.3 | 20.9 | 20.8 | 21.4 | 22.0 |
| x=4H y=12H | 20.7 | 21.3 | 21.3 | 21.8 | 22.4 | 20.7 | 21.2 | 21.3 | 21.8 | 22.3 |
| x=8H y=4H | 19.4 | 20.0 | 20.0 | 20.5 | 21.1 | 19.4 | 20.0 | 20.0 | 20.5 | 21.1 |
| x=8H y=6H | 20.5 | 21.0 | 21.1 | 21.5 | 22.1 | 20.5 | 21.0 | 21.1 | 21.5 | 22.1 |
| x=8H y=8H | 21.1 | 21.5 | 21.6 | 22.0 | 22.7 | 21.0 | 21.4 | 21.6 | 22.0 | 22.6 |
| x=8H y=12H | 21.6 | 22.0 | 22.2 | 22.6 | 23.2 | 21.6 | 21.9 | 22.2 | 22.5 | 23.2 |
| x=12H y=4H | 19.5 | 20.0 | 20.0 | 20.5 | 21.1 | 19.5 | 20.0 | 20.0 | 20.5 | 21.1 |
| x=12H y=6H | 20.6 | 21.1 | 21.2 | 21.6 | 22.3 | 20.6 | 21.0 | 21.2 | 21.6 | 22.2 |
| x=12H y=8H | 21.2 | 21.6 | 21.9 | 22.2 | 22.8 | 21.2 | 21.6 | 21.8 | 22.2 | 22.8 |

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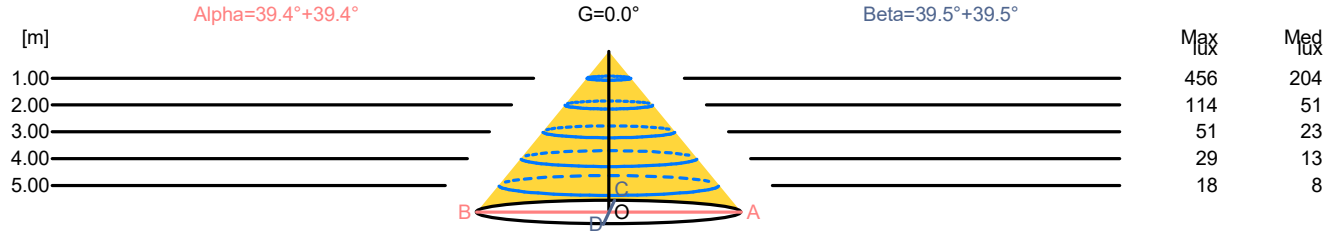
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 1023 lm | Luminaire Power | 19.1 W | Efficacy | 53.625 lm/W | Efficiency | 100.00% |
| Source Flux | 1023 lm | Maximum value | 456.22 cd | Position | C=15.00 G=2.50 | CG | Double Symmetrical |

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 | 0.82 | 1.64 | 2.47 | 3.29 | 4.11 | OC | 0.83 | 1.65 | 2.48 | 3.30 | 4.13 |
| OB | 0.82 | 1.64 | 2.47 | 3.29 | 4.11 | OD | 0.83 | 1.65 | 2.48 | 3.30 | 4.13 |

Luminous Intensities [ cd]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 456.20 | 454.85 | 441.34 | 392.47 | 280.93 | 168.82 | 121.35 | 94.82 | 58.97 | 26.71 |
| OB | 456.20 | 454.85 | 441.34 | 392.47 | 280.93 | 168.82 | 121.35 | 94.82 | 58.97 | 26.71 |
| OC | 456.20 | 455.05 | 441.98 | 393.77 | 284.61 | 169.11 | 120.12 | 92.84 | 58.45 | 26.30 |
| OD | 456.20 | 455.05 | 441.98 | 393.77 | 284.61 | 169.11 | 120.12 | 92.84 | 58.45 | 26.30 |



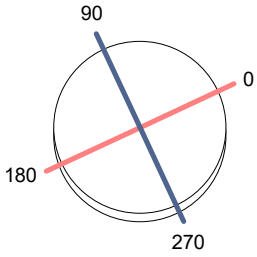

| H[m] | D[m] | Max lux | Med lux | Alpha=39.4°+39.4° G=0.0 |
|---|---|---|---|---|
| 1.00 | 1.64 | 456 | 204 | |
| 2.00 | 3.29 | 114 | 51 | |
| 3.00 | 4.93 | 51 | 23 | |
| 4.00 | 6.58 | 29 | 13 | |
| 5.00 | 8.22 | 18 | 8 | |

| H[m] | D[m] | Max lux | Med lux | Beta=39.5°+39.5° G=0.0 |
|---|---|---|---|---|
| 1.00 | 1.65 | 456 | 204 | |
| 2.00 | 3.30 | 114 | 51 | |
| 3.00 | 4.95 | 51 | 23 | |
| 4.00 | 6.60 | 29 | 13 | |
| 5.00 | 8.25 | 18 | 8 | |

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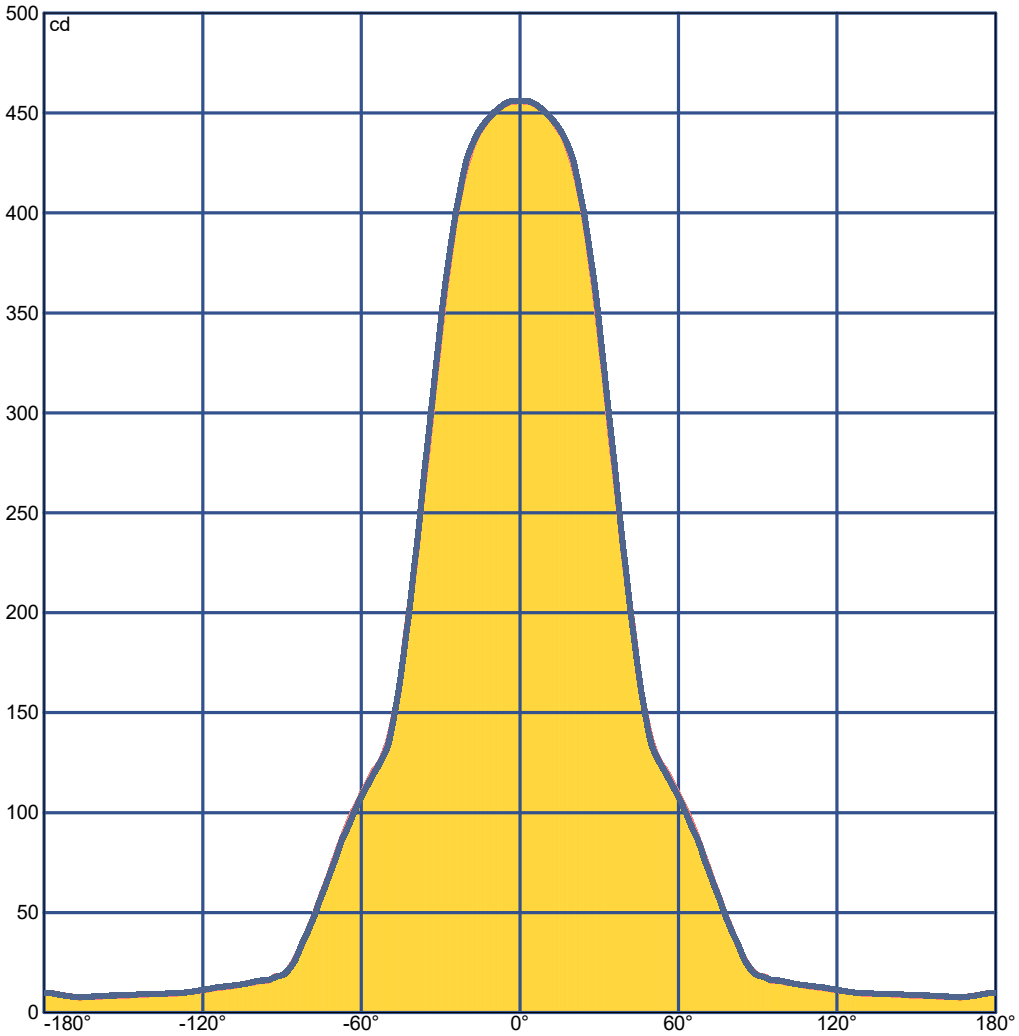
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|---|---|---|---|---|---|---|---|
| Luminaire Flux | 1023 lm | Luminaire Power | 19.1 W | Efficacy | 53.625 lm/W | Efficiency | 100.00% |
| Source Flux | 1023 lm | Maximum value | 456.22 cd | Position | C=15.00 G=2.50 | CG | Double Symmetrical |

Diam=600mm




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|---|---|---|---|---|---|---|---|
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Flujo Total=1022.90 Flujo Luminaria=1022.90

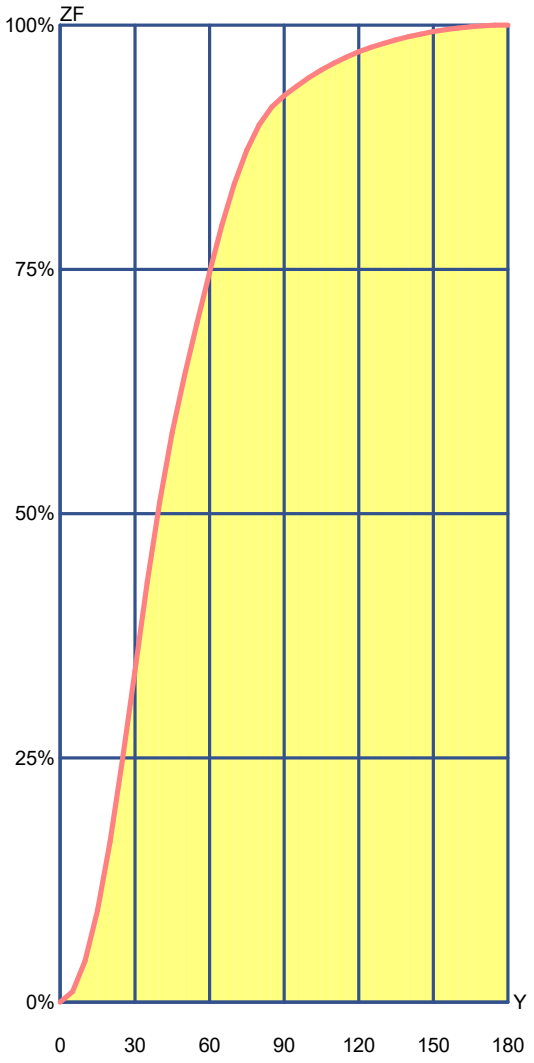
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRR | 0.40 | 0.47 | 0.53 | 0.59 | 0.64 | 0.72 | 0.77 | 0.80 | 0.85 | 0.87 | 0.94 | 0.97 |
| RC | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |

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) | 42 | 164 | 340 | 512 | 642 | 747 | 837 | 898 | 928 | 946 | 961 | 973 | 981 | 988 | 993 | 997 | 999 | 1000 |

Códigos de Flujo C.I.E.
57 81 94 93 100

| | | | |
|---|---|---|---|
| C.I.E. | 3/4/4/4/4/4/4/4/4/4/3 | LOR | 100.00000 % |
| D DIN 5040 | A41 | ULOR | 7.21101 % |
| F UTE | 0.93 D + 0.07 T | DLOR | 92.78899 % |
| B NBN | BZ 3 / 1.25 / BZ 4 | UFF | 7.21101 % |
| RN | 7.21101 % | DFF | 92.78899 % |
| BLF | 1.0 | FFR | 7.77141 % |



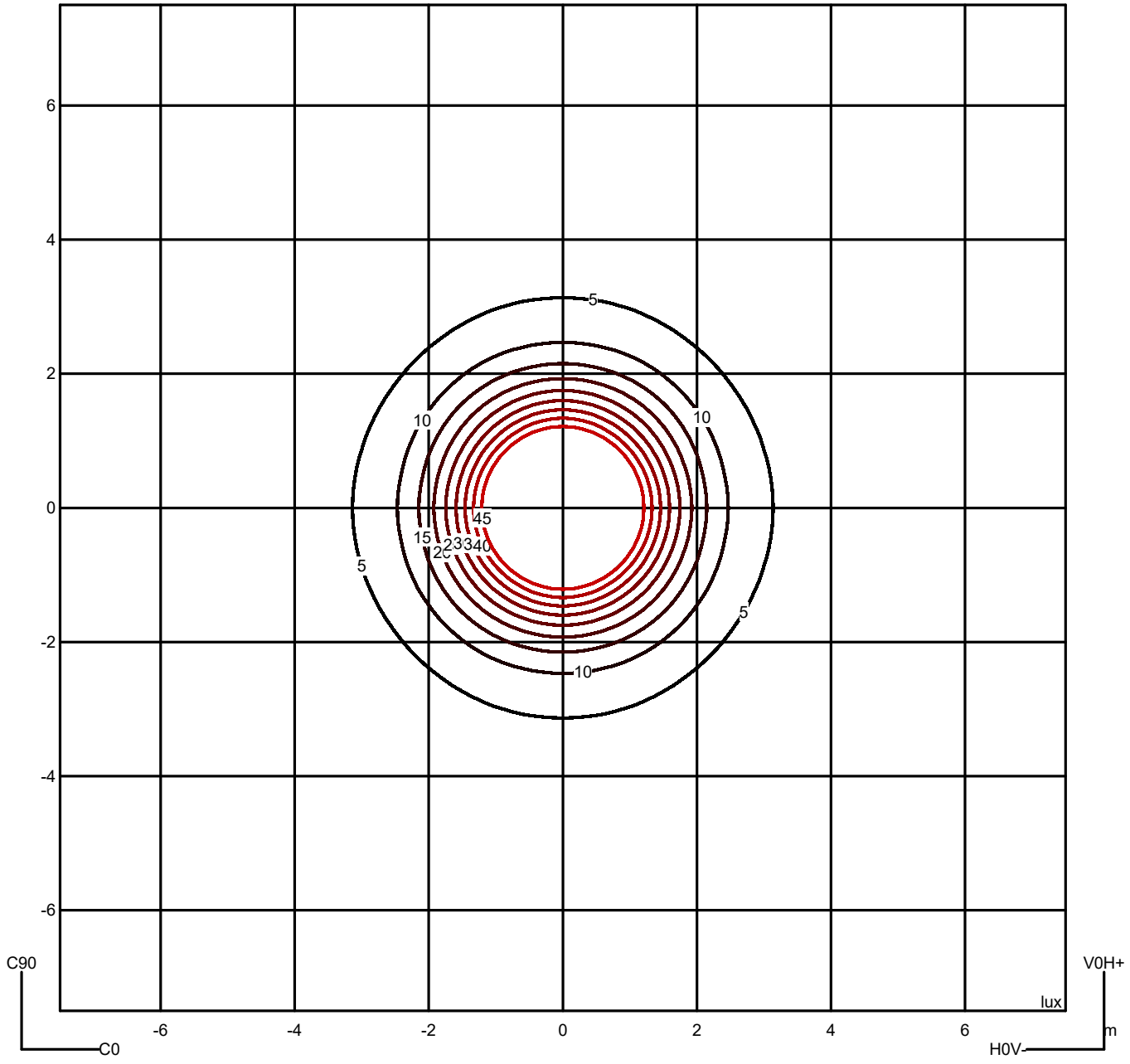

| Flujo Zonal | | | | |
|---|---|---|---|---|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 10.65 | 10.65 | 1.07 % | 1.07 % |
| 10° | 31.66 | 42.31 | 3.17 % | 4.23 % |
| 15° | 51.73 | 94.04 | 5.17 % | 9.40 % |
| 20° | 70.09 | 164.13 | 7.01 % | 16.41 % |
| 25° | 84.43 | 248.56 | 8.44 % | 24.86 % |
| 30° | 91.02 | 339.57 | 9.10 % | 33.96 % |
| 35° | 89.81 | 429.39 | 8.98 % | 42.94 % |
| 40° | 82.51 | 511.90 | 8.25 % | 51.19 % |
| 45° | 71.04 | 582.94 | 7.10 % | 58.29 % |
| 50° | 58.98 | 641.92 | 5.90 % | 64.19 % |
| 55° | 53.51 | 695.43 | 5.35 % | 69.54 % |
| 60° | 51.62 | 747.05 | 5.16 % | 74.70 % |
| 65° | 47.89 | 794.94 | 4.79 % | 79.49 % |
| 70° | 42.36 | 837.30 | 4.24 % | 83.73 % |
| 75° | 34.55 | 871.86 | 3.46 % | 87.19 % |
| 80° | 26.15 | 898.01 | 2.62 % | 89.80 % |
| 85° | 18.08 | 916.09 | 1.81 % | 91.61 % |
| 90° | 11.80 | 927.89 | 1.18 % | 92.79 % |
| 95° | 9.45 | 937.33 | 0.94 % | 93.73 % |
| 100° | 8.70 | 946.03 | 0.87 % | 94.60 % |
| 105° | 7.88 | 953.91 | 0.79 % | 95.39 % |
| 110° | 7.08 | 961.00 | 0.71 % | 96.10 % |
| 115° | 6.26 | 967.26 | 0.63 % | 96.73 % |
| 120° | 5.45 | 972.70 | 0.54 % | 97.27 % |
| 125° | 4.62 | 977.32 | 0.46 % | 97.73 % |
| 130° | 3.95 | 981.27 | 0.40 % | 98.13 % |
| 135° | 3.55 | 984.83 | 0.36 % | 98.48 % |
| 140° | 3.21 | 988.04 | 0.32 % | 98.80 % |
| 145° | 2.85 | 990.89 | 0.29 % | 99.09 % |
| 150° | 2.47 | 993.36 | 0.25 % | 99.34 % |
| 155° | 2.07 | 995.42 | 0.21 % | 99.54 % |
| 160° | 1.66 | 997.08 | 0.17 % | 99.71 % |
| 165° | 1.24 | 998.32 | 0.12 % | 99.83 % |
| 170° | 0.88 | 999.20 | 0.09 % | 99.92 % |
| 175° | 0.58 | 999.78 | 0.06 % | 99.98 % |
| 180° | 0.22 | 1000.00 | 0.02 % | 100.00 % |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Luminaire Flux | 1023 lm | Luminaire Power | 19.1 W | Efficacy | 53.625 lm/W | Efficiency | 100.00% |
| Source Flux | 1023 lm | Maximum value | 456.22 cd | Position | C=15.00 G=2.50 | CG | Double Symmetrical |

Isolux (Floor)

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



**Luminaire**
Code 30931309xxx
Name NANS_BAG_38_OUTDOOR_2200K_BROWN_RED
**Measurem.**
Code CL092A24D005VP
Name NANS_BAG_38_OUTDOOR_2200K_BROWN_RED

| | | | | | | | |
|---|---|---|---|---|---|---|---|
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| Source Flux | 1023 lm | Maximum value | 456.22 cd | Position | C=15.00 G=2.50 | CG | Double Symmetrical |

## Spectral Data

Std.: No import standard

| | | | |
|---|---|---|---|
| CIE1931 | x =0.515804 | y =0.414014 | Color rendering index (CRI) |
| CIE1960 | u =0.297441 | v =0.358115 | Color Rendering Components |
| CIE1976 | u'=0.297441 | v'=0.537172 | |
| D(u,v) | 0.00018 | | |

CCT = [2098 K]*

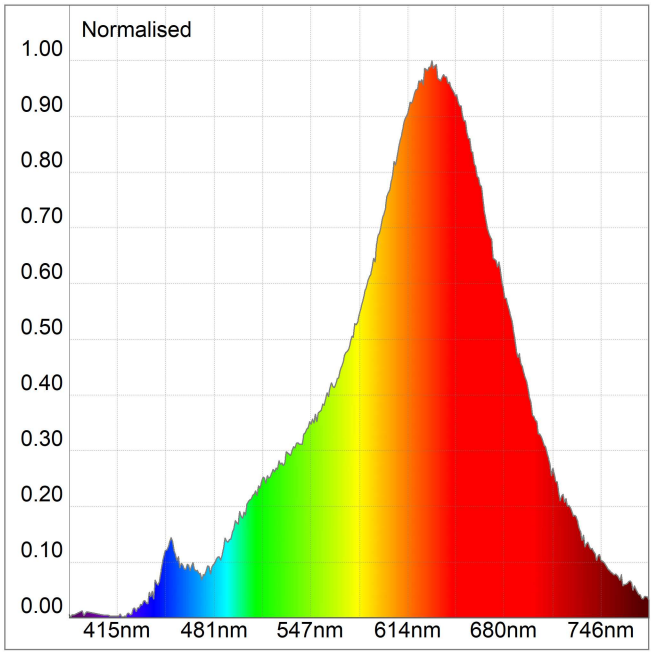
CRI8(Ra) [94.4]* CRI15(Rav) [93.0]*

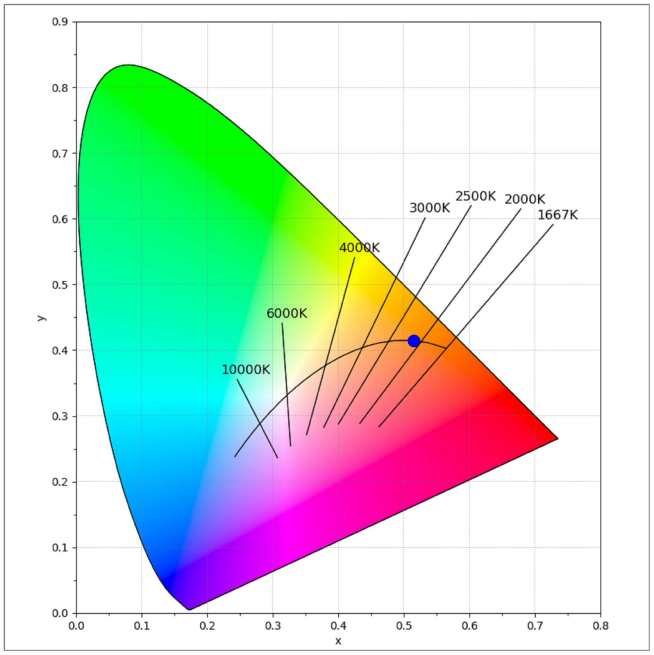
| | | | | |
|---|---|---|---|---|
| R 1: 96.8 | R 2: 99.5 | R 3: 97.0 | R 4: 98.0 | R 5: 98.5 |
| R 6: 93.7 | R 7: 90.1 | R 8: 81.8 | R 9: 64.6 | R10: 99.2 |
| R11: 96.2 | R12: 90.9 | R13: 98.3 | R14: 99.1 | R15: 90.5 |

## Spectral Distribution

| l(nm) | Normalised | l(nm) | Normalised | l(nm) | Normalised |
|---|---|---|---|---|---|
| 382.0 | 0.005508 | 388.0 | 0.008578 | 394.0 | 0.010451 |
| 400.0 | 0.007381 | 406.0 | 0.004312 | 412.0 | 0.002761 |
| 418.0 | 0.002131 | 424.0 | 0.004673 | 430.0 | 0.017494 |
| 436.0 | 0.024831 | 442.0 | 0.061625 | 448.0 | 0.120767 |
| 454.0 | 0.120542 | 460.0 | 0.094357 | 466.0 | 0.093228 |
| 472.0 | 0.079684 | 478.0 | 0.091422 | 484.0 | 0.108804 |
| 490.0 | 0.137698 | 496.0 | 0.174266 | 502.0 | 0.189616 |
| 508.0 | 0.219865 | 514.0 | 0.243792 | 520.0 | 0.252822 |
| 526.0 | 0.282167 | 532.0 | 0.295711 | 538.0 | 0.313770 |
| 544.0 | 0.331828 | 550.0 | 0.349887 | 556.0 | 0.383747 |
| 562.0 | 0.422122 | 568.0 | 0.444695 | 574.0 | 0.483070 |
| 580.0 | 0.530474 | 586.0 | 0.593679 | 592.0 | 0.638826 |
| 598.0 | 0.724605 | 604.0 | 0.794582 | 610.0 | 0.864560 |
| 616.0 | 0.925508 | 622.0 | 0.963883 | 628.0 | 0.981941 |
| 634.0 | 0.993228 | 640.0 | 0.970655 | 646.0 | 0.943567 |
| 652.0 | 0.900677 | 658.0 | 0.837472 | 664.0 | 0.776524 |
| 670.0 | 0.690745 | 676.0 | 0.629797 | 682.0 | 0.573363 |
| 688.0 | 0.498871 | 694.0 | 0.440181 | 700.0 | 0.363431 |
| 706.0 | 0.325056 | 712.0 | 0.275395 | 718.0 | 0.224605 |
| 724.0 | 0.200000 | 730.0 | 0.181038 | 736.0 | 0.127088 |
| 742.0 | 0.118510 | 748.0 | 0.101354 | 754.0 | 0.081490 |
| 760.0 | 0.066817 | 766.0 | 0.064786 | 772.0 | 0.046050 |
| 778.0 | 0.037472 | | | | |

## Spectrum Graph

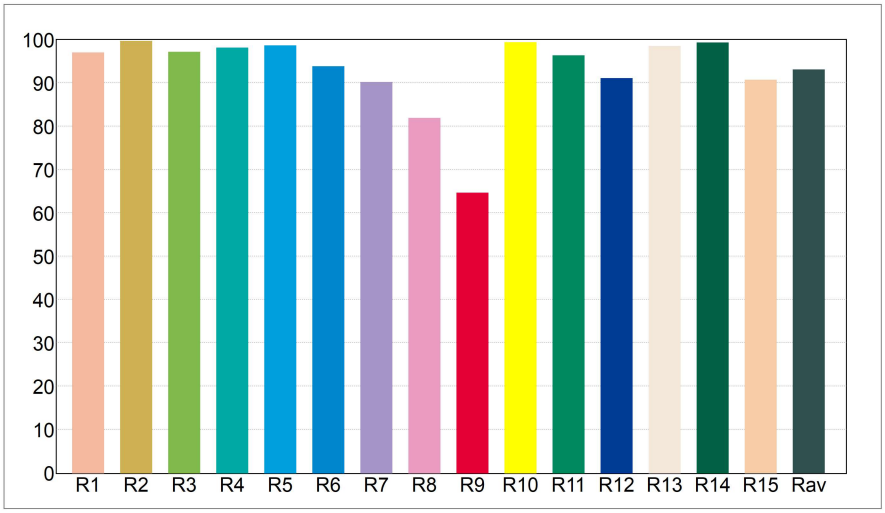


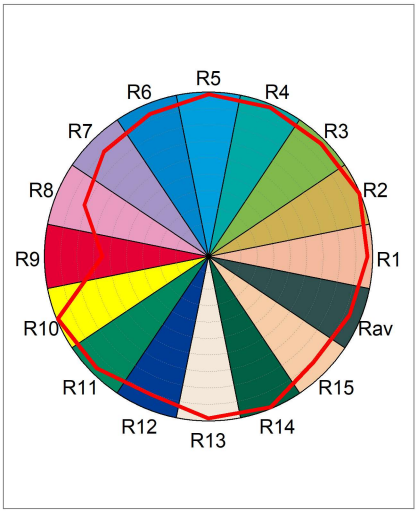



**Luminaire**
Code 30931309xxx
Name NANS_BAG_38_OUTDOOR_2200K_BROWN_RED
**Measurem.**
Code CL092A24D005VP
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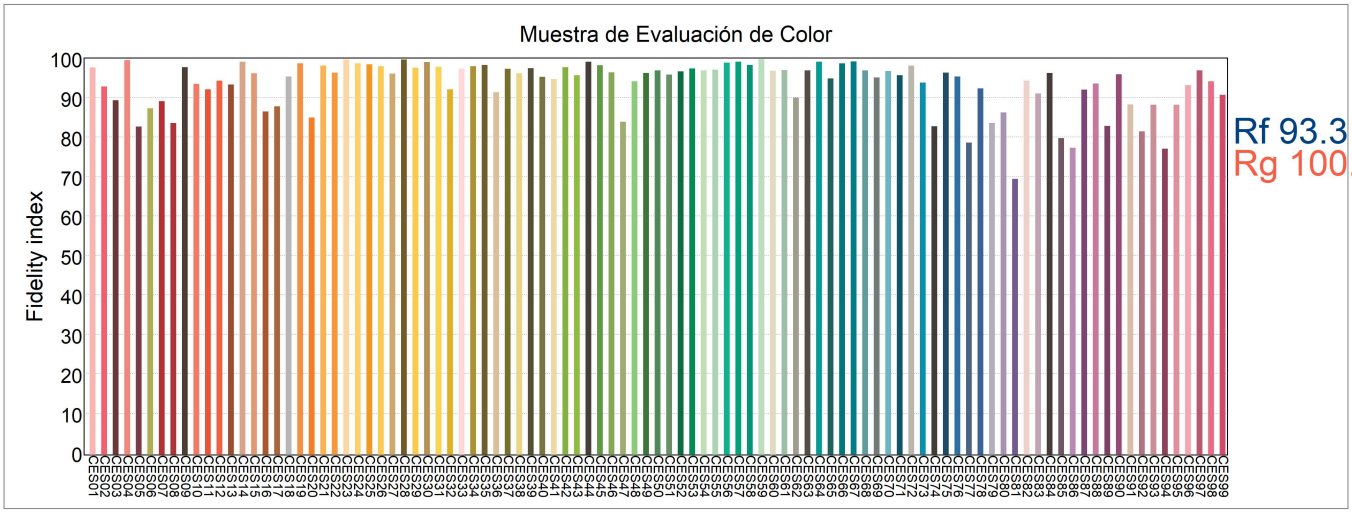
## CRI Graphs



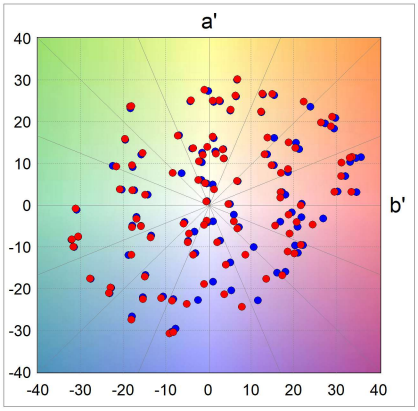



**Luminaire**
Code 30931309xxx
Name NANS_BAG_38_OUTDOOR_2200K_BROWN_RED
**Measurem.**
Code CL092A24D005VP
Name NANS_BAG_38_OUTDOOR_2200K_BROWN_RED

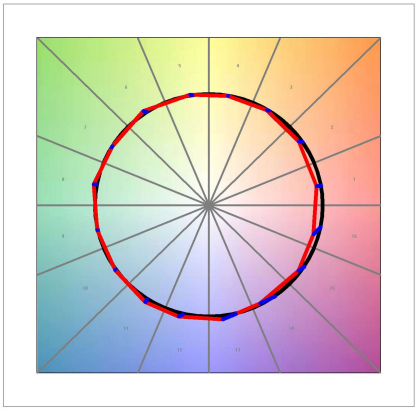
| | | | | | | | |
|---|---|---|---|---|---|---|---|
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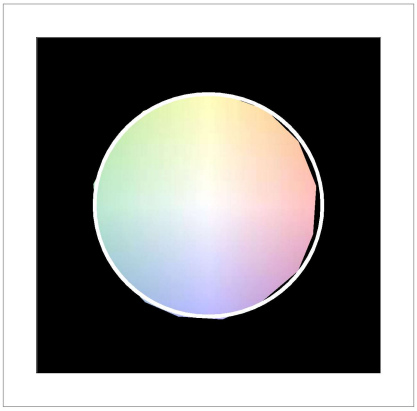

Chromatic Coordinates (a', b') 99 CES



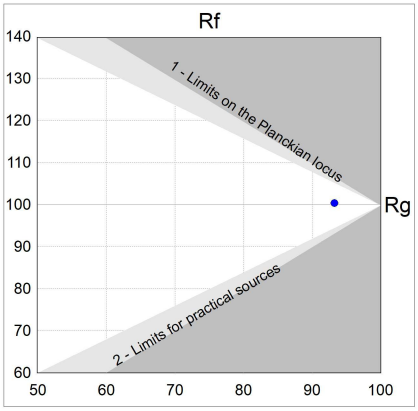

Color Vector Graphic



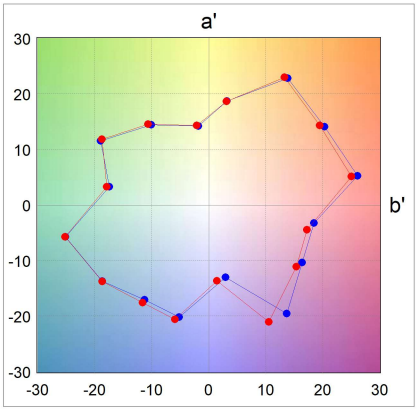
Color Distorsion Graphic



Rg vs Rf Plot




Gamut Polygon




Bin Deviation

