## Luminaria

| | |
|---|---|
| Código | 37803318189 |
| Nombre | KANDO M40R 2400K WHITE RIBBON |
| Familia | KANDO |

## Ensayo

| | |
|---|---|
| Código | CL092A24D014GPE1 |
| Nombre | KANDO M40R 2400K WHITE RIBBON |

## Datos Fuente de luz

| | | | | |
|---|---|---|---|---|
| Código | JB2835BWT-G-U27EA0000 (60x) JB2835BWT-G-U22EA0000 (60x) | Temperatura correlacionada (TCP) | 2426K | Cant. 1 |
| Nombre | Cree J Series 2835 3-V | Índice repr. Cromática (CRI) | 93 | |
| Familia | | | | |

## Datos del Ensayo

| | | | |
|---|---|---|---|
| Sist. de Coorden. | CG | Tipo de Simetría | Bisimétrico |
| Fecha | 24-10-2024 | Máximo Ángulo Gamma | 180° |
| Distancia de Ensayo | 6.49m | Flujo de Ensayo | 159.7 lm |
| Máximo | 742.30 cd/klm | Posición | C=75.0° G=5.0° |
| Notas | RM24093002 | | |

## Parám. Eléctricos

| | | | |
|---|---|---|---|
| Canal 1 | | Canal 2 | |
| Tensión | 0.00 V | Tensión | 0.00 V |
| Corriente | 0.00 A | Corriente | 0.00 A |
| Potencia | 5.00 W | Potencia | 0.00 W |
| Frecuencia | 0 Hz | Frecuencia | 0 Hz |
| Factor de Potencia | 0.00 | Factor de Potencia | 0.00 |

## Parámetros Ambientales

| | | | |
|---|---|---|---|
| Temperatura | 24.8 °C | Velocidad del Aire | 0.0 m/s |
| Humedad | 44.6 % | | |

## Dim. de la Luminaria

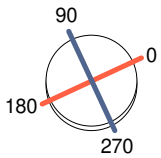
| | | | | | |
|---|---|---|---|---|---|
| Luminaria Redonda | Diam. | 250 mm | Altura | 60 mm | |
| Área Luminosa Redonda | Diam. | 170 mm | Altura | 60 mm | |
| Área Luminosa Horizontal | | 0.022698 m2 | Área Emisión sobre Pl. 180° | | 0.010200 m2 |
| Área Emisión sobre Pl. 0° | | 0.010200 m2 | Área Emisión sobre Pl. 270° | | 0.010200 m2 |
| Área Emisión sobre Pl. 90° | | 0.010200 m2 | Área de deslumbramiento a 76° | | 0.015388 m2 |

## Análisis Fotométrico

| | | | |
|---|---|---|---|
| Flujo Luminaria | 176.0 lm | Flujo Fuente | 176.0 lm |
| Eficacia | 35.200 lm/W | Eficiencia | 100.0 % |
| Códigos de Flujo C.I.E. | 63 83 94 95 100 | D DIN 5040 | A51 |
| F UTE | 0.95 C + 0.05 T | B NBN | BZ 2 / 1 / BZ 3 / 4 / BZ 4 |



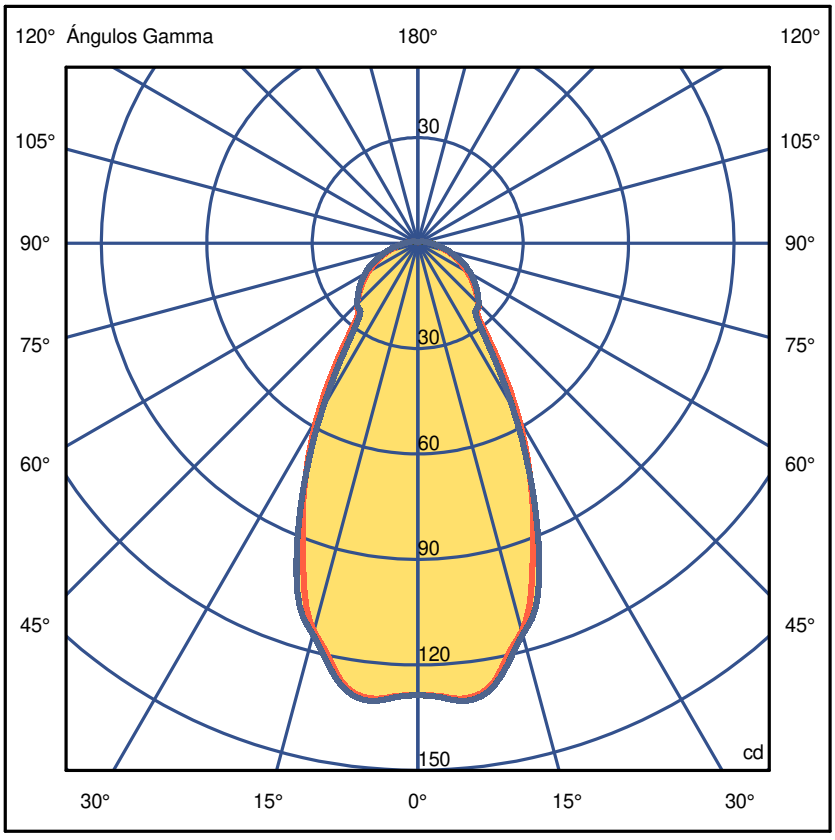
Diam=250mm







ULOR 4.79 %
DLOR 95.21 %
RN 4.79 %



**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |

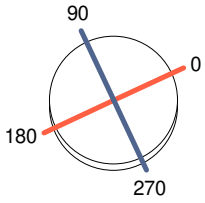
**Tabla de Intensidad Luminosa cd** **Tabla 1/1**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|---|---|---|---|---|---|---|---|
| G 0.0 | 129 | 129 | 129 | 129 | 129 | 129 | 129 |
| G 2.5 | 129 | 129 | 129 | 129 | 129 | 129 | 129 |
| G 5.0 | 130 | 130 | 130 | 131 | 131 | 131 | 131 |
| G 7.5 | 130 | 130 | 130 | 130 | 130 | 130 | 131 |
| G 10.0 | 126 | 127 | 127 | 127 | 127 | 127 | 127 |
| G 12.5 | 120 | 120 | 121 | 121 | 121 | 121 | 121 |
| G 15.0 | 114 | 114 | 114 | 114 | 114 | 115 | 115 |
| G 17.5 | 106 | 106 | 105 | 106 | 107 | 109 | 110 |
| G 20.0 | 96 | 96 | 96 | 97 | 98 | 100 | 101 |
| G 22.5 | 86 | 87 | 87 | 88 | 88 | 89 | 89 |
| G 25.0 | 76 | 77 | 77 | 77 | 77 | 77 | 77 |
| G 27.5 | 67 | 67 | 66 | 65 | 65 | 65 | 65 |
| G 30.0 | 57 | 57 | 56 | 55 | 54 | 54 | 54 |
| G 32.5 | 48 | 47 | 46 | 45 | 44 | 44 | 43 |
| G 35.0 | 39 | 39 | 38 | 37 | 36 | 35 | 35 |
| G 37.5 | 31 | 31 | 31 | 31 | 29 | 29 | 28 |
| G 40.0 | 26 | 26 | 26 | 26 | 26 | 25 | 25 |
| G 42.5 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| G 45.0 | 25 | 25 | 25 | 25 | 25 | 24 | 24 |
| G 47.5 | 23 | 23 | 23 | 23 | 23 | 23 | 23 |
| G 50.0 | 22 | 22 | 22 | 22 | 22 | 22 | 22 |
| G 52.5 | 20 | 20 | 20 | 20 | 21 | 21 | 21 |
| G 55.0 | 19 | 19 | 19 | 19 | 19 | 20 | 20 |
| G 57.5 | 18 | 17 | 17 | 17 | 18 | 18 | 19 |
| G 60.0 | 16 | 16 | 16 | 16 | 17 | 17 | 17 |
| G 62.5 | 15 | 15 | 15 | 15 | 15 | 16 | 16 |
| G 65.0 | 14 | 14 | 14 | 14 | 14 | 15 | 15 |
| G 67.5 | 12 | 12 | 12 | 13 | 13 | 13 | 13 |
| G 70.0 | 11 | 11 | 11 | 11 | 12 | 12 | 12 |
| G 72.5 | 10 | 10 | 10 | 10 | 10 | 11 | 11 |
| G 75.0 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| G 77.5 | 8 | 8 | 8 | 8 | 8 | 8 | 8 |
| G 80.0 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| G 82.5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| G 85.0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| G 87.5 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| G 90.0 | 4 | 4 | 4 | 4 | 4 | 4 | 4 |
| G 92.5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G 95.0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G 97.5 | 3 | 3 | 3 | 3 | 3 | 3 | 2 |
| G100.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G102.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G105.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G107.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G110.0 | 1 | 2 | 2 | 2 | 2 | 2 | 2 |
| G112.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G115.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G117.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G120.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G122.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G125.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G127.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G130.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G132.5 | 1 | 1 | 1 | 1 | 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 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| G145.0 | 0 | 1 | 1 | 1 | 1 | 1 | 1 |
| G147.5 | 0 | 0 | 1 | 1 | 1 | 0 | 0 |
| G150.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G152.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G155.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G157.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G160.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G162.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G165.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 |

**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

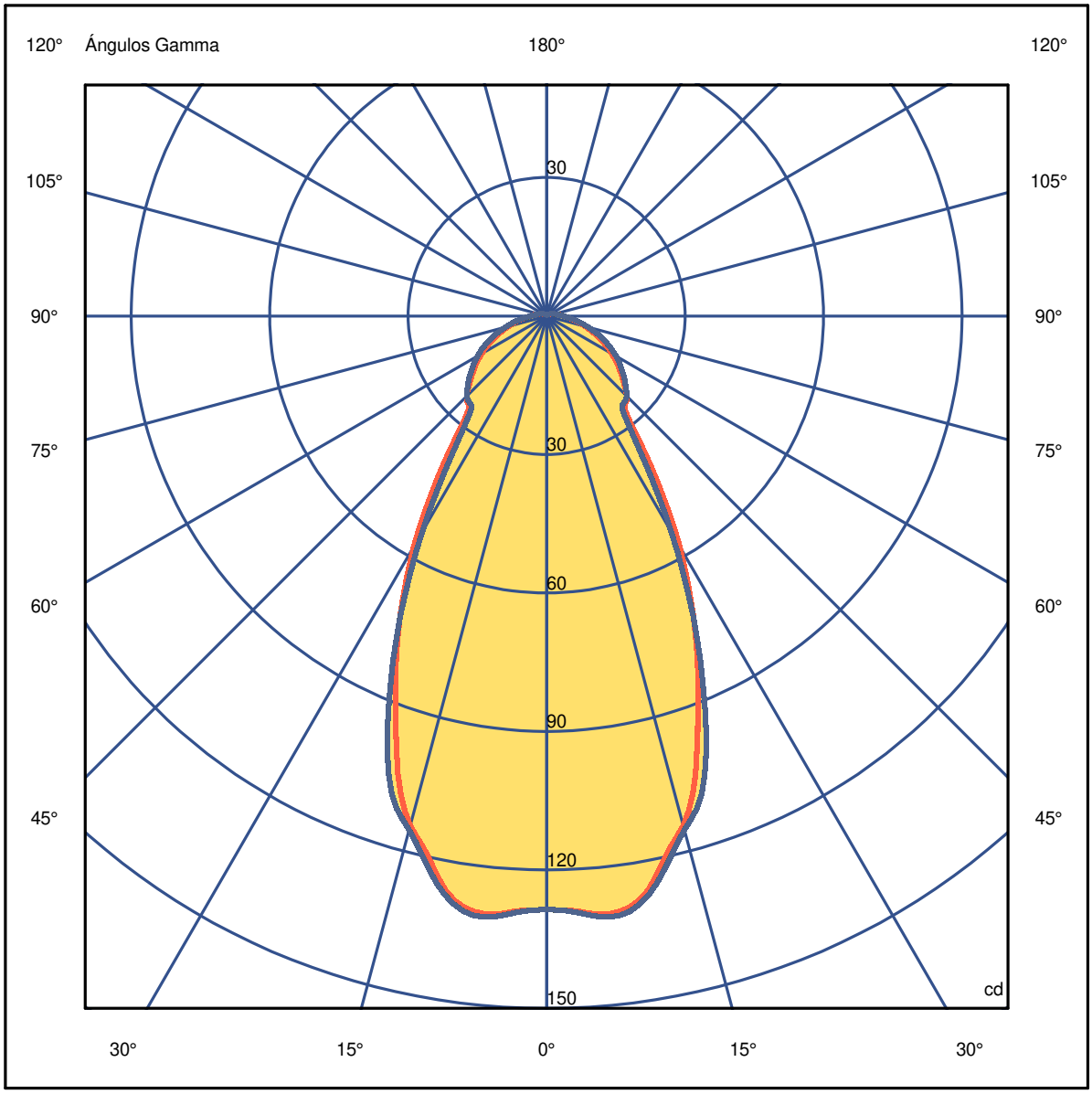
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |

Diam=250mm




Semiplanos C

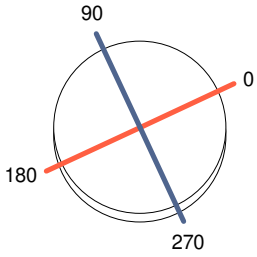
180.0 0.0
270.0 90.0



**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

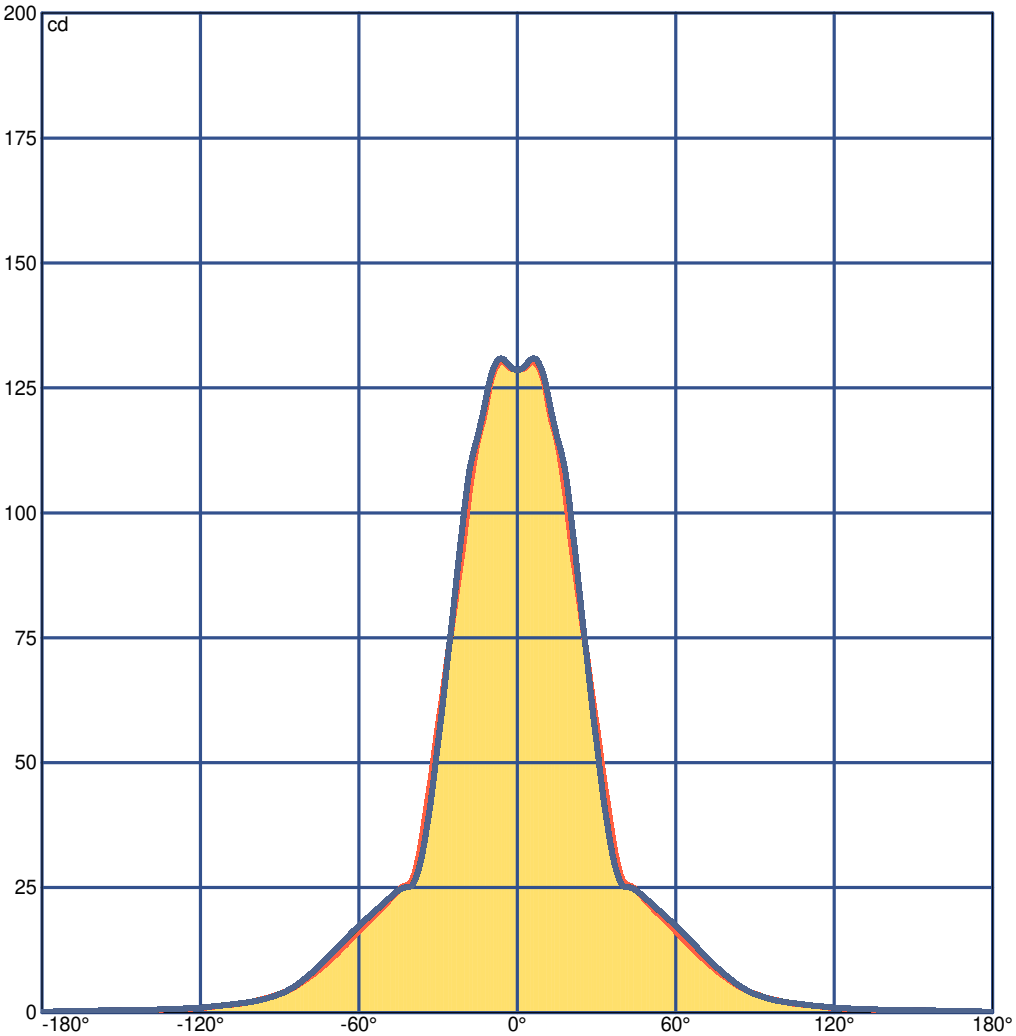
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |

Diam=250mm




Semiplanos C



**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |

**UGR**
S = 0.250

| Reflectancias | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Techo/Cavidad | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Paredes | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| PDT | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| | | | | | | | | | | |
| Dimensiones del Loca | Vista Lateral | | | | | Vista Longitudinal | | | | |
| x=2H y=2H | 10.5 | 11.6 | 10.9 | 11.9 | 12.2 | 10.7 | 11.8 | 11.1 | 12.1 | 12.4 |
| x=2H y=3H | 11.9 | 12.9 | 12.3 | 13.2 | 13.5 | 12.2 | 13.2 | 12.6 | 13.5 | 13.9 |
| x=2H y=4H | 12.5 | 13.4 | 12.9 | 13.7 | 14.1 | 12.8 | 13.8 | 13.2 | 14.1 | 14.5 |
| x=2H y=6H | 13.0 | 13.8 | 13.4 | 14.2 | 14.6 | 13.3 | 14.2 | 13.7 | 14.6 | 15.0 |
| x=2H y=8H | 13.2 | 14.0 | 13.6 | 14.4 | 14.8 | 13.5 | 14.4 | 14.0 | 14.7 | 15.2 |
| x=2H y=12H | 13.3 | 14.1 | 13.8 | 14.5 | 15.0 | 13.7 | 14.5 | 14.1 | 14.9 | 15.3 |
| x=4H y=2H | 11.1 | 12.0 | 11.5 | 12.4 | 12.8 | 11.3 | 12.2 | 11.7 | 12.6 | 13.0 |
| x=4H y=3H | 12.7 | 13.5 | 13.1 | 13.9 | 14.3 | 13.0 | 13.8 | 13.4 | 14.2 | 14.6 |
| x=4H y=4H | 13.4 | 14.1 | 13.9 | 14.5 | 15.0 | 13.7 | 14.4 | 14.2 | 14.9 | 15.3 |
| x=4H y=6H | 14.0 | 14.7 | 14.5 | 15.1 | 15.6 | 14.4 | 15.0 | 14.9 | 15.5 | 15.9 |
| x=4H y=8H | 14.3 | 14.9 | 14.8 | 15.3 | 15.9 | 14.6 | 15.2 | 15.1 | 15.7 | 16.2 |
| x=4H y=12H | 14.6 | 15.1 | 15.1 | 15.6 | 16.1 | 14.9 | 15.4 | 15.4 | 15.9 | 16.4 |
| x=8H y=4H | 13.7 | 14.3 | 14.2 | 14.8 | 15.3 | 14.0 | 14.6 | 14.5 | 15.0 | 15.5 |
| x=8H y=6H | 14.5 | 15.0 | 15.1 | 15.5 | 16.1 | 14.8 | 15.3 | 15.4 | 15.8 | 16.4 |
| x=8H y=8H | 14.9 | 15.3 | 15.5 | 15.8 | 16.4 | 15.2 | 15.6 | 15.7 | 16.1 | 16.7 |
| x=8H y=12H | 15.3 | 15.6 | 15.8 | 16.2 | 16.8 | 15.5 | 15.9 | 16.1 | 16.4 | 17.0 |
| x=12H y=4H | 13.7 | 14.3 | 14.3 | 14.8 | 15.3 | 14.0 | 14.5 | 14.5 | 15.0 | 15.5 |
| x=12H y=6H | 14.6 | 15.0 | 15.2 | 15.6 | 16.1 | 14.9 | 15.3 | 15.4 | 15.8 | 16.4 |
| x=12H y=8H | 15.1 | 15.4 | 15.6 | 16.0 | 16.5 | 15.3 | 15.7 | 15.9 | 16.2 | 16.8 |

**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

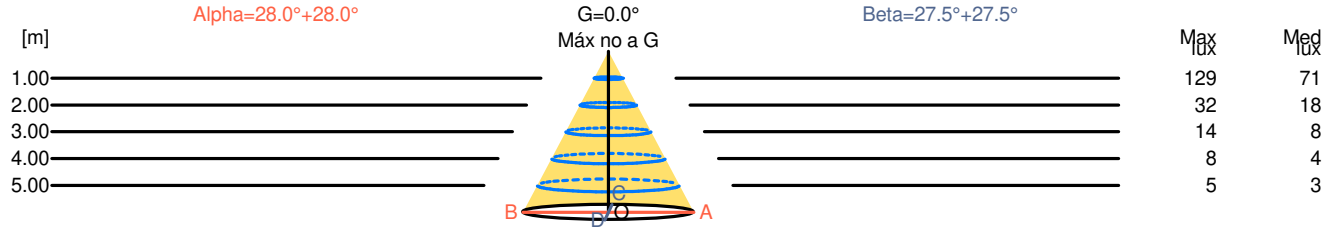
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |

Apertura a 50.00 % de Max Intensidad

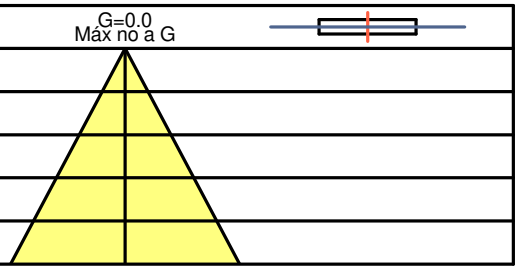
| H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| OA | 0.53 | 1.06 | 1.59 | 2.12 | 2.65 | OC | 0.52 | 1.04 | 1.56 | 2.09 | 2.61 |
| OB | 0.53 | 1.06 | 1.59 | 2.12 | 2.65 | OD | 0.52 | 1.04 | 1.56 | 2.09 | 2.61 |

Intensidades Luminosas [ cd]

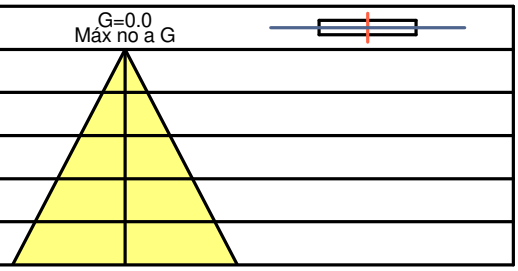
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 128.54 | 130.11 | 114.24 | 76.38 | 38.91 | 24.52 | 18.94 | 13.58 | 8.61 | 4.94 |
| OB | 128.54 | 130.11 | 114.24 | 76.38 | 38.91 | 24.52 | 18.94 | 13.58 | 8.61 | 4.94 |
| OC | 128.54 | 130.63 | 115.24 | 77.12 | 34.50 | 24.44 | 19.76 | 14.71 | 9.30 | 5.03 |
| OD | 128.54 | 130.63 | 115.24 | 77.12 | 34.50 | 24.44 | 19.76 | 14.71 | 9.30 | 5.03 |




| H[m] | D[m] | Max lux | Med lux | Alpha=28.0°+28.0° |
|---|---|---|---|---|
| 1.00 | 1.06 | 129 | 71 | |
| 2.00 | 2.12 | 32 | 18 | |
| 3.00 | 3.18 | 14 | 8 | |
| 4.00 | 4.25 | 8 | 4 | |
| 5.00 | 5.31 | 5 | 3 | |




| H[m] | D[m] | Max lux | Med lux | Beta=27.5°+27.5° |
|---|---|---|---|---|
| 1.00 | 1.04 | 129 | 71 | |
| 2.00 | 2.09 | 32 | 18 | |
| 3.00 | 3.13 | 14 | 8 | |
| 4.00 | 4.17 | 8 | 4 | |
| 5.00 | 5.21 | 5 | 3 | |



**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |

Flujo Total=176.00 Flujo Luminaria=176.00

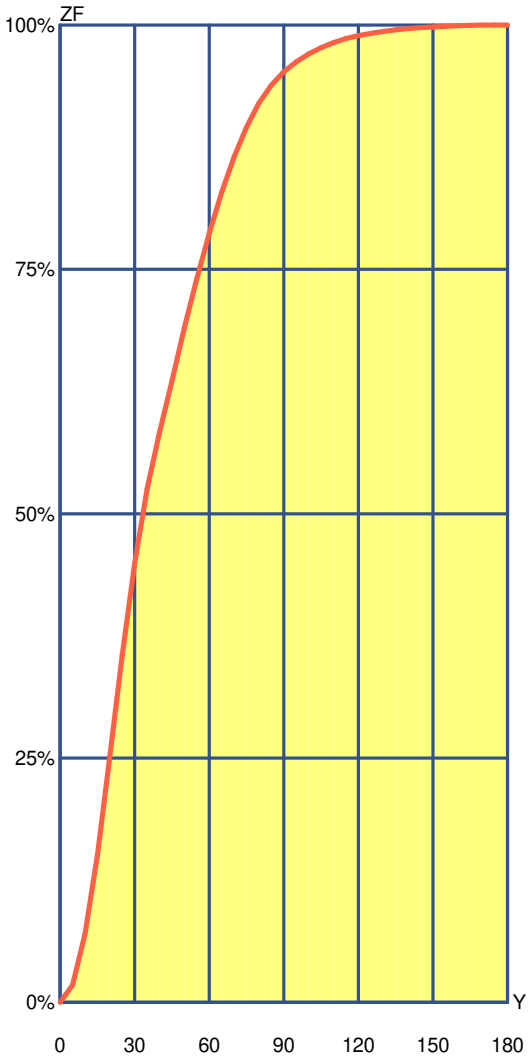
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRR | 0.44 | 0.51 | 0.57 | 0.63 | 0.67 | 0.74 | 0.79 | 0.82 | 0.86 | 0.89 | 0.94 | 0.97 |
| RC | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |

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) | 70 | 251 | 449 | 584 | 690 | 787 | 865 | 920 | 952 | 971 | 982 | 989 | 994 | 996 | 998 | 999 | 1000 | 1000 |

Códigos de Flujo C.I.E.
63 83 94 95 100

| | | | |
|---|---|---|---|
| C.I.E. | 3 | LOR | 100.00000 % |
| D DIN 5040 | A51 | ULOR | 4.79402 % |
| F UTE | 0.95 C + 0.05 T | DLOR | 95.20598 % |
| B NBN | BZ 2 / 1 / BZ 3 / 4 / BZ 4 | UFF | 4.79402 % |
| RN | 4.79402 % | DFF | 95.20598 % |
| BLF | 1.0 | FFR | 5.03542 % |



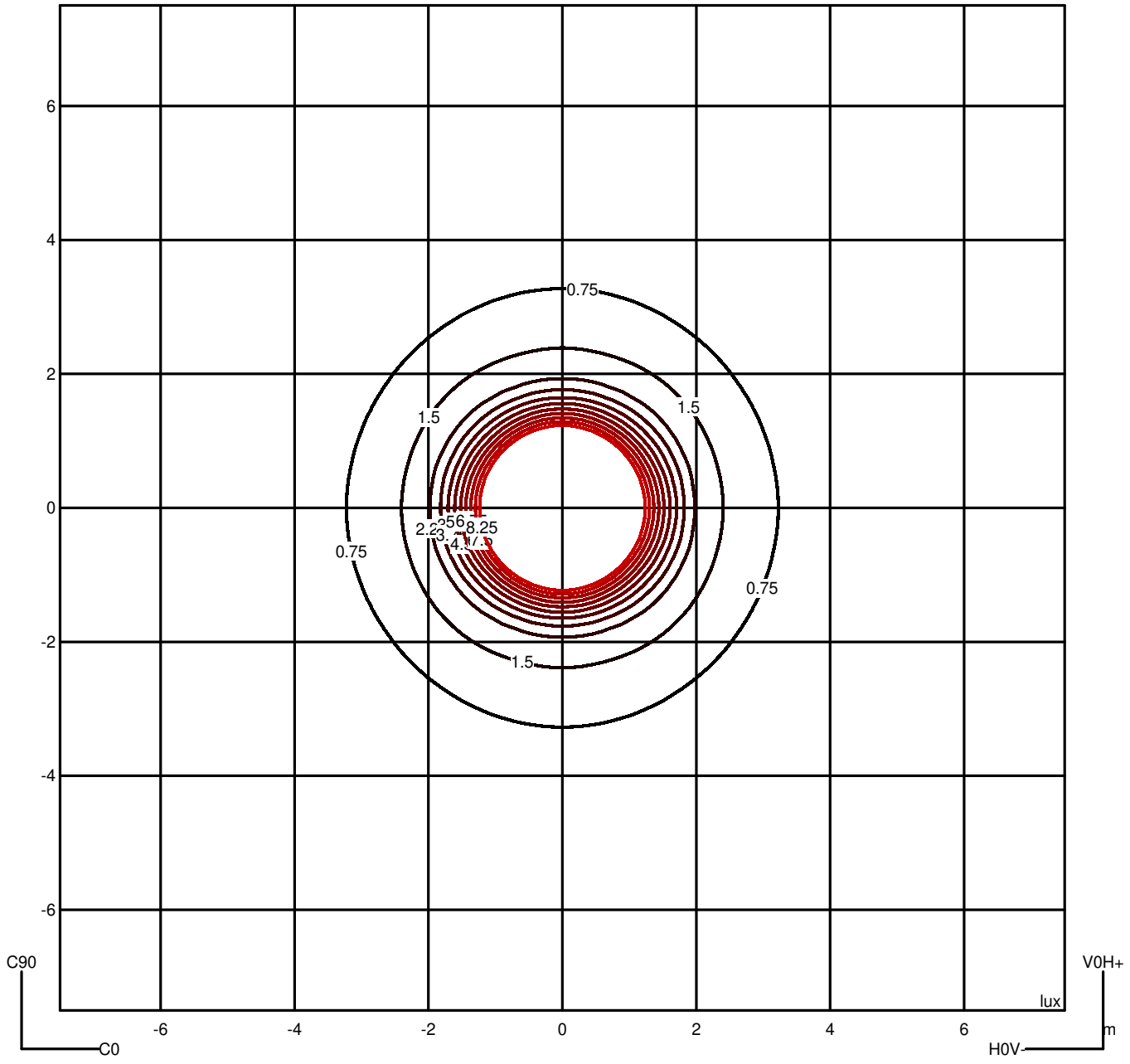

| Flujo Zonal | | | | |
|---|---|---|---|---|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 17.59 | 17.59 | 1.76 % | 1.76 % |
| 10° | 52.55 | 70.14 | 5.26 % | 7.01 % |
| 15° | 81.10 | 151.25 | 8.11 % | 15.12 % |
| 20° | 99.39 | 250.64 | 9.94 % | 25.06 % |
| 25° | 103.97 | 354.61 | 10.40 % | 35.46 % |
| 30° | 94.51 | 449.12 | 9.45 % | 44.91 % |
| 35° | 76.27 | 525.38 | 7.63 % | 52.54 % |
| 40° | 58.16 | 583.55 | 5.82 % | 58.35 % |
| 45° | 53.03 | 636.58 | 5.30 % | 63.66 % |
| 50° | 53.20 | 689.78 | 5.32 % | 68.98 % |
| 55° | 50.38 | 740.16 | 5.04 % | 74.02 % |
| 60° | 46.73 | 786.89 | 4.67 % | 78.69 % |
| 65° | 42.11 | 829.00 | 4.21 % | 82.90 % |
| 70° | 36.50 | 865.50 | 3.65 % | 86.55 % |
| 75° | 30.33 | 895.83 | 3.03 % | 89.58 % |
| 80° | 24.14 | 919.97 | 2.41 % | 92.00 % |
| 85° | 18.43 | 938.40 | 1.84 % | 93.84 % |
| 90° | 13.66 | 952.06 | 1.37 % | 95.21 % |
| 95° | 10.43 | 962.49 | 1.04 % | 96.25 % |
| 100° | 8.06 | 970.55 | 0.81 % | 97.05 % |
| 105° | 6.37 | 976.92 | 0.64 % | 97.69 % |
| 110° | 5.15 | 982.07 | 0.52 % | 98.21 % |
| 115° | 4.06 | 986.14 | 0.41 % | 98.61 % |
| 120° | 3.11 | 989.24 | 0.31 % | 98.92 % |
| 125° | 2.40 | 991.65 | 0.24 % | 99.16 % |
| 130° | 1.92 | 993.57 | 0.19 % | 99.36 % |
| 135° | 1.55 | 995.12 | 0.16 % | 99.51 % |
| 140° | 1.24 | 996.36 | 0.12 % | 99.64 % |
| 145° | 1.02 | 997.38 | 0.10 % | 99.74 % |
| 150° | 0.83 | 998.21 | 0.08 % | 99.82 % |
| 155° | 0.65 | 998.86 | 0.07 % | 99.89 % |
| 160° | 0.48 | 999.34 | 0.05 % | 99.93 % |
| 165° | 0.33 | 999.68 | 0.03 % | 99.97 % |
| 170° | 0.20 | 999.88 | 0.02 % | 99.99 % |
| 175° | 0.10 | 999.97 | 0.01 % | 100.00 % |
| 180° | 0.03 | 1000.00 | 0.00 % | 100.00 % |

**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m



**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |

## Datos Espectrales

Std.: No import standard

| | | | |
|---|---|---|---|
| CIE1931 | x =0.479683 | y =0.407990 | Índice repr. Cromática (CRI) |
| CIE1960 | u =0.276613 | v =0.352906 | Comp.Reproducción Cromática |
| CIE1976 | u'=0.276613 | v'=0.529360 | |
| D(u,v) | 0.00208 | | |

CCT = [2426 K]*

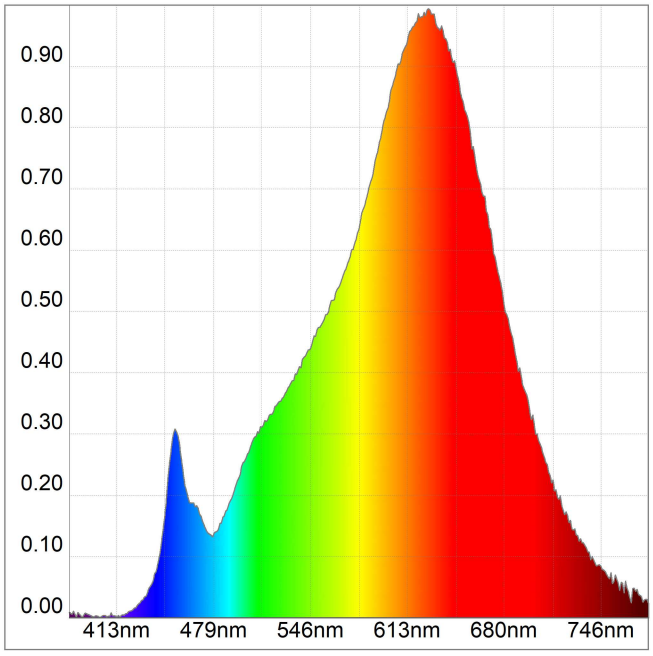
CRI8(Ra) [93.5]* CRI15(Rav) [92.0]*

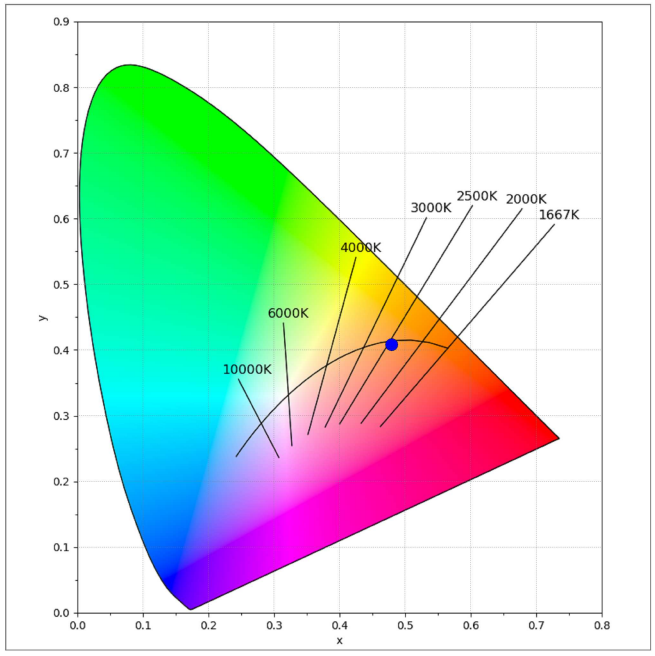
| | | | | |
|---|---|---|---|---|
| R 1: 95.2 | R 2: 99.1 | R 3: 97.3 | R 4: 94.6 | R 5: 95.9 |
| R 6: 95.9 | R 7: 89.6 | R 8: 80.6 | R 9: 61.6 | R10: 97.7 |
| R11: 97.0 | R12: 89.5 | R13: 96.7 | R14: 99.5 | R15: 90.4 |

## Distribución Espectral

| l(nm) | Potencia Radiante | l(nm) | Potencia Radiante | l(nm) | Potencia Radiante |
|---|---|---|---|---|---|
| 380.0 | 0.008500 | 386.0 | 0.008700 | 392.0 | 0.006417 |
| 398.0 | 0.002800 | 404.0 | 0.003300 | 410.0 | 0.003200 |
| 416.0 | 0.004000 | 422.0 | 0.010700 | 428.0 | 0.022600 |
| 434.0 | 0.040400 | 440.0 | 0.075100 | 446.0 | 0.166000 |
| 452.0 | 0.301000 | 458.0 | 0.250000 | 464.0 | 0.187000 |
| 470.0 | 0.169000 | 476.0 | 0.138000 | 482.0 | 0.141000 |
| 488.0 | 0.174000 | 494.0 | 0.208000 | 500.0 | 0.253000 |
| 506.0 | 0.285000 | 512.0 | 0.312000 | 518.0 | 0.330000 |
| 524.0 | 0.350000 | 530.0 | 0.369000 | 536.0 | 0.398000 |
| 542.0 | 0.425000 | 548.0 | 0.451000 | 554.0 | 0.478000 |
| 560.0 | 0.511000 | 566.0 | 0.539000 | 572.0 | 0.577000 |
| 578.0 | 0.617000 | 584.0 | 0.673000 | 590.0 | 0.728000 |
| 596.0 | 0.796000 | 602.0 | 0.861000 | 608.0 | 0.903000 |
| 614.0 | 0.948000 | 620.0 | 0.973000 | 626.0 | 0.983000 |
| 632.0 | 0.985000 | 638.0 | 0.959000 | 644.0 | 0.914000 |
| 650.0 | 0.858000 | 656.0 | 0.807000 | 662.0 | 0.723000 |
| 668.0 | 0.663000 | 674.0 | 0.589000 | 680.0 | 0.514000 |
| 686.0 | 0.458000 | 692.0 | 0.395000 | 698.0 | 0.336000 |
| 704.0 | 0.289000 | 710.0 | 0.250000 | 716.0 | 0.209000 |
| 722.0 | 0.168000 | 728.0 | 0.143000 | 734.0 | 0.122000 |
| 740.0 | 0.094500 | 746.0 | 0.086600 | 752.0 | 0.066200 |
| 758.0 | 0.062700 | 764.0 | 0.060000 | 770.0 | 0.047900 |
| 776.0 | 0.025400 | | | | |

## Gráfico del Espectro

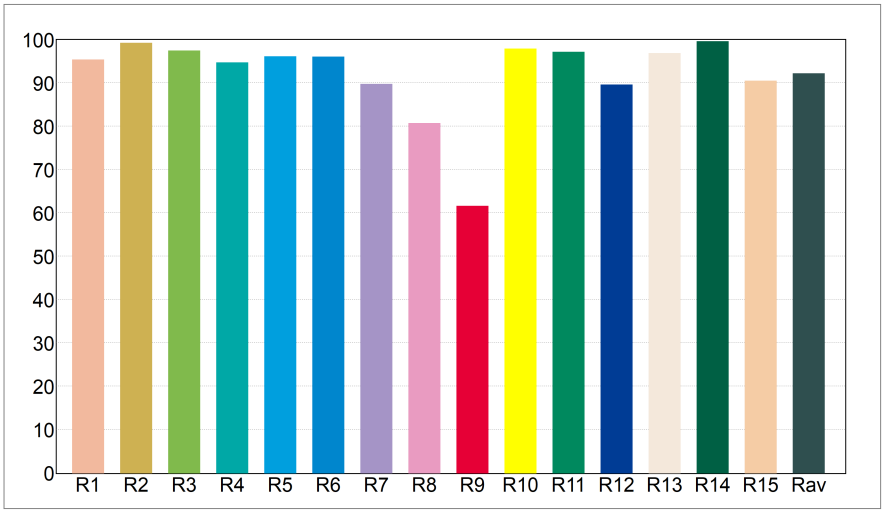


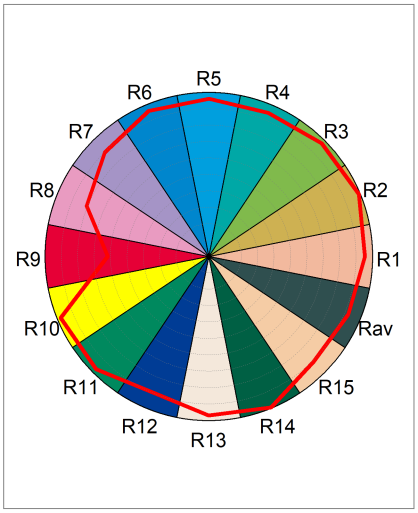



**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |

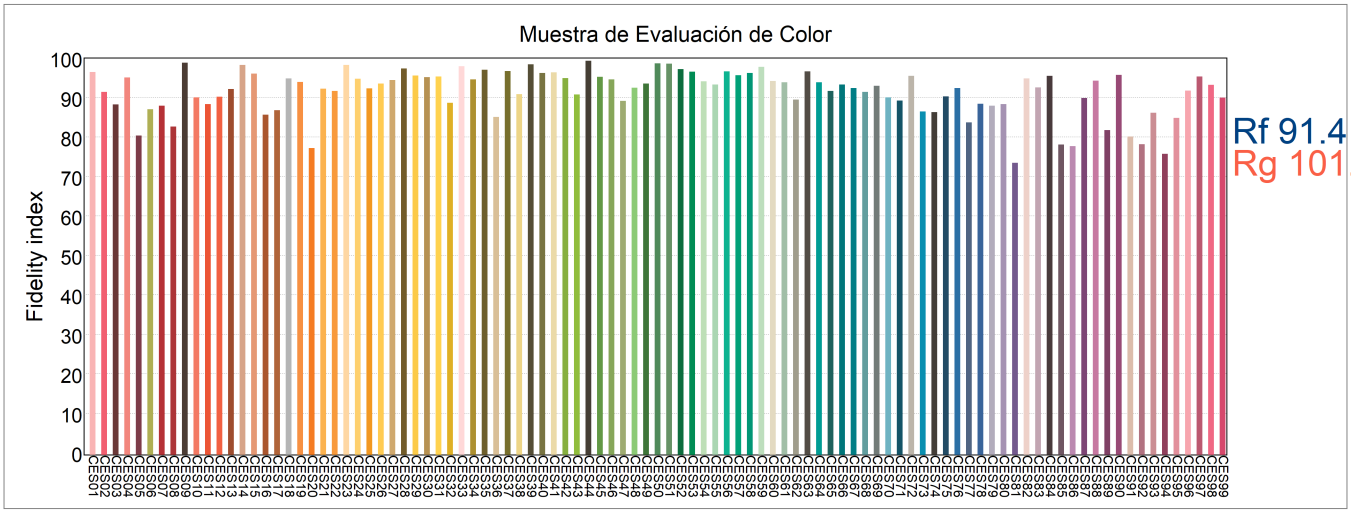
## Gráficos del IRC



**Luminaria**
Código 37803318189
Nombre KANDO M40R 2400K WHITE RIBBON
**Ensayo**
Código CL092A24D014GPE1
Nombre KANDO M40R 2400K WHITE RIBBON

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 176 lm | Potencia Luminaria | 5.0 W | Eficacia | 35.200 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 176 lm | Valor Máximo | 130.64 cd | Posición | C=75.00 G=5.00 | CG | Bisimétrico |




Coordenadas de Cromaticidad (a' b') 99 muestras

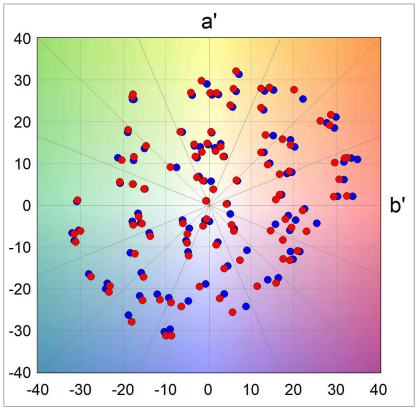



Gráfico Vectorial de Color

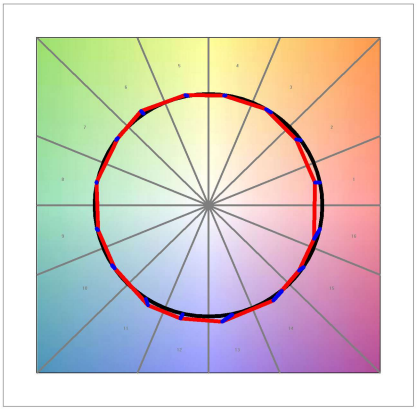


Gráfico de Distorsión de Color

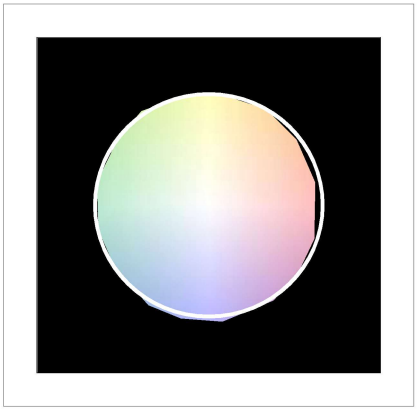


Diagrama Rf vs Rg

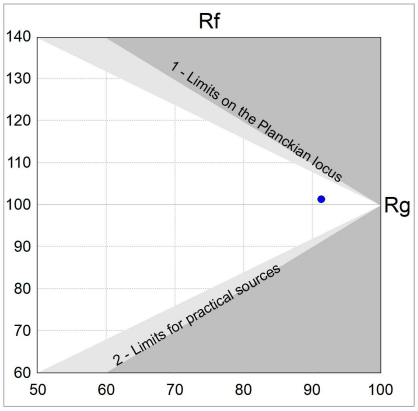
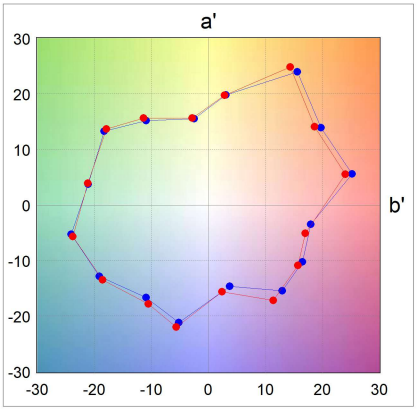



Diagrama Gamut




Cambios por Bin

