| **Luminaria** | | **Ensayo** | | **Lámpara** | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |

| | | | | | |
|---|---|---|---|---|---|
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |
| Valor Máximo | 111.60 cd/klm | Posición | C=0.00 G=0.00 | Bisimétrico | |

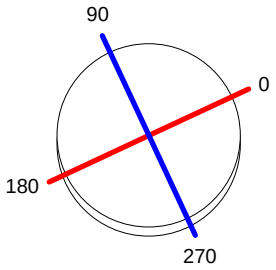
| | | | | | |
|---|---|---|---|---|---|
| Luminaria Redonda | Diam. | 600 mm | Altura | 150 mm | |
| Área Luminosa Redonda | Diam. | 600 mm | Altura | 150 mm | |
| Área Luminosa Horizontal | 0.282743 m2 | | Área Emisión sobre Pl. 180° | 0.090000 m2 | |
| Área Emisión sobre Pl. 0° | 0.090000 m2 | | Área Emisión sobre Pl. 270° | 0.090000 m2 | |
| Área Emisión sobre Pl. 90° | 0.090000 m2 | | Área de deslumbramiento a 76° | 0.155728 m2 | |
| Tipo de Simetría | Bisimétrico | | Máximo Ángulo Gamma | 180 | |
| Distancia de Ensayo | 6.44 | | Flujo de Ensayo | 2560.00 lm | |
| Operador | Asselum T2 | | Tensión de alimentación | 230.00 V | |
| Temperatura | 20.00 °C | | Corriente de alimentación | | |
| Humedad | 50.00 % | | Fotocélula | PRC | |
| Notas | | | | | |

**Lámparas de la Luminaria**

| Familia | Código | Nombre | Flujolm | Pot.W | Cant. |
|---|---|---|---|---|---|
| PHILIPS 2005 ILCOS IA,IB,IC | STANDARD S 60W E27 | STANDARD SFER 60W E27 CHIARA | 640.00 | 60.00 | 4 |

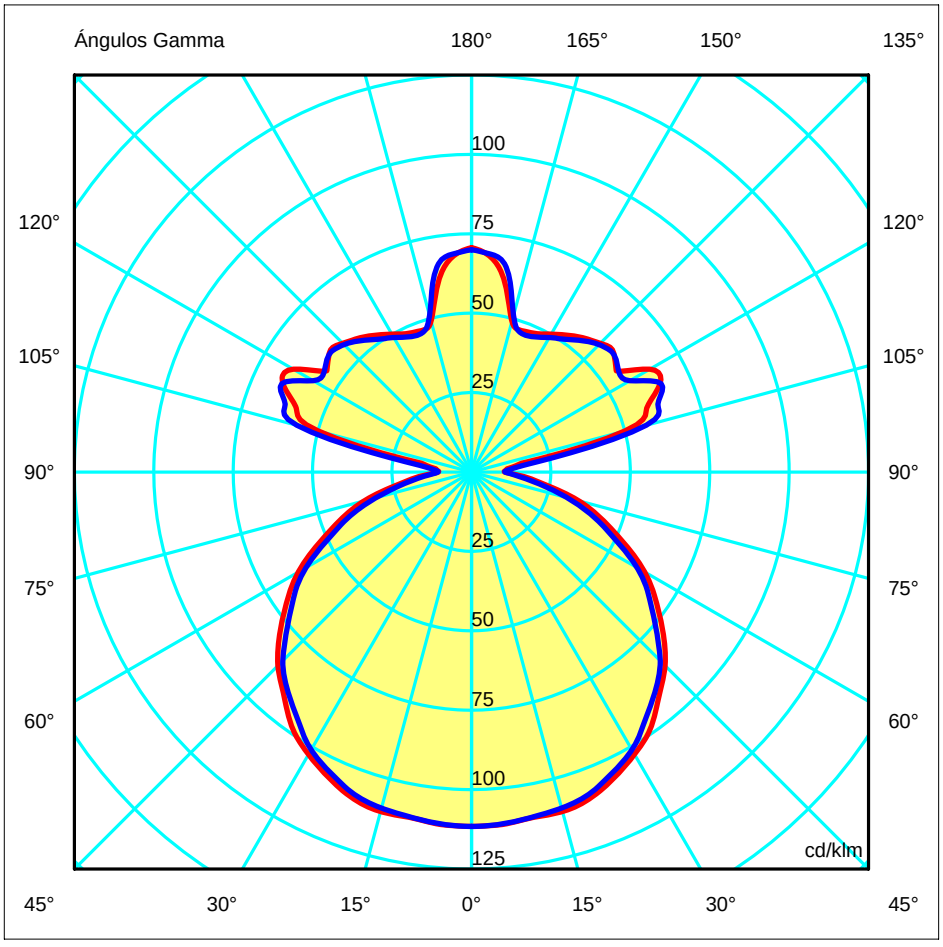
| | | | |
|---|---|---|---|
| C.I.E. | 42 73 92 56 68 | D DIN 5040 | C31 |
| F UTE | 0.38 J + 0.30 T | B NBN | BZ 5 |

Diam=600mm




Semiplanos C




| | |
|---|---|
| ULOR | 29.97 % |
| DLOR | 37.53 % |
| RN | 44.40 % |

**Luminaria**
Código PLAFONET 02 BLANCA
Nombre PLAFONET 02 4x60W cinta blanca
Familia - BOVER

**Ensayo**
Código PLAFONET 02 BLANCA
NombrePLAFONET 02 4x60W cinta blanca
Fecha 06-06-2011

**Lámpara**
Código STANDARD S 60W E27
Número 4
Posición Universal

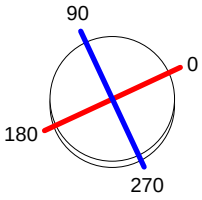
Rendimiento 67.50% | Sist. de Coorden. C-G | Flujo Total 2560.00 lm

**Tabla de Intensidad Luminosa cd/klm** **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 | 111.60 | 111.60 | 111.60 | 111.60 | 111.60 | 111.60 | 111.60 |
| G 5.0 | 111.42 | 111.20 | 111.43 | 111.18 | 111.36 | 110.94 | 111.22 |
| G 10.0 | 110.47 | 110.71 | 110.93 | 110.47 | 110.39 | 110.28 | 110.31 |
| G 15.0 | 110.68 | 110.48 | 110.01 | 110.12 | 109.75 | 109.81 | 109.52 |
| G 20.0 | 109.28 | 108.38 | 108.09 | 108.28 | 108.06 | 107.87 | 107.97 |
| G 25.0 | 106.25 | 105.37 | 104.80 | 105.25 | 104.48 | 104.86 | 104.62 |
| G 30.0 | 102.63 | 100.91 | 100.96 | 101.01 | 100.80 | 100.77 | 100.99 |
| G 35.0 | 98.34 | 95.79 | 95.51 | 96.26 | 95.76 | 95.77 | 95.33 |
| G 40.0 | 91.88 | 90.20 | 89.80 | 90.68 | 89.71 | 90.28 | 89.98 |
| G 45.0 | 86.18 | 83.63 | 83.46 | 83.77 | 83.80 | 83.35 | 84.01 |
| G 50.0 | 78.72 | 75.99 | 76.05 | 76.20 | 75.44 | 76.21 | 75.58 |
| G 55.0 | 70.94 | 68.25 | 68.14 | 67.85 | 67.97 | 67.82 | 68.27 |
| G 60.0 | 62.95 | 59.67 | 59.73 | 59.36 | 59.14 | 59.18 | 60.16 |
| G 65.0 | 52.99 | 50.23 | 49.96 | 50.31 | 49.59 | 50.17 | 49.72 |
| G 70.0 | 43.79 | 40.22 | 40.90 | 40.44 | 40.67 | 40.21 | 40.84 |
| G 75.0 | 34.92 | 30.76 | 30.77 | 30.92 | 30.72 | 30.69 | 31.00 |
| G 80.0 | 24.06 | 22.02 | 21.31 | 22.06 | 21.50 | 21.90 | 21.69 |
| G 85.0 | 16.61 | 14.09 | 14.51 | 14.18 | 14.79 | 14.18 | 14.82 |
| G 90.0 | 10.44 | 9.86 | 10.26 | 9.70 | 10.21 | 9.96 | 10.55 |
| G 95.0 | 11.21 | 12.74 | 12.96 | 12.87 | 13.35 | 12.74 | 13.12 |
| G100.0 | 15.95 | 25.30 | 27.31 | 29.10 | 23.85 | 23.82 | 25.85 |
| G105.0 | 50.09 | 48.39 | 48.76 | 51.06 | 47.77 | 44.95 | 56.96 |
| G110.0 | 58.69 | 60.98 | 71.85 | 76.68 | 68.25 | 61.85 | 62.42 |
| G115.0 | 65.43 | 65.03 | 66.58 | 62.76 | 66.14 | 61.57 | 65.86 |
| G120.0 | 64.77 | 56.96 | 53.68 | 54.23 | 53.76 | 55.27 | 57.53 |
| G125.0 | 55.62 | 56.46 | 55.58 | 55.88 | 55.57 | 56.71 | 56.39 |
| G130.0 | 58.40 | 58.44 | 57.90 | 58.40 | 58.01 | 58.50 | 58.15 |
| G135.0 | 57.31 | 57.04 | 56.82 | 57.31 | 56.64 | 57.08 | 56.70 |
| G140.0 | 55.08 | 54.69 | 54.25 | 54.65 | 54.44 | 54.36 | 54.08 |
| G145.0 | 52.59 | 52.04 | 51.53 | 51.91 | 51.47 | 51.64 | 51.00 |
| G150.0 | 50.15 | 49.60 | 49.06 | 49.27 | 48.92 | 49.01 | 48.88 |
| G155.0 | 48.09 | 47.82 | 47.22 | 47.32 | 47.03 | 47.07 | 46.96 |
| G160.0 | 47.31 | 47.59 | 46.69 | 47.02 | 46.67 | 46.76 | 46.35 |
| G165.0 | 49.14 | 52.01 | 51.33 | 51.71 | 51.77 | 51.38 | 51.03 |
| G170.0 | 60.50 | 64.10 | 64.02 | 64.48 | 64.40 | 64.37 | 64.68 |
| G175.0 | 68.08 | 51.15 | 68.80 | 68.87 | 69.31 | 68.72 | 68.86 |
| G180.0 | 70.62 | 70.39 | 70.34 | 71.59 | 70.68 | 70.46 | 70.00 |

| Luminaria | | Ensayo | | Lámpara | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |

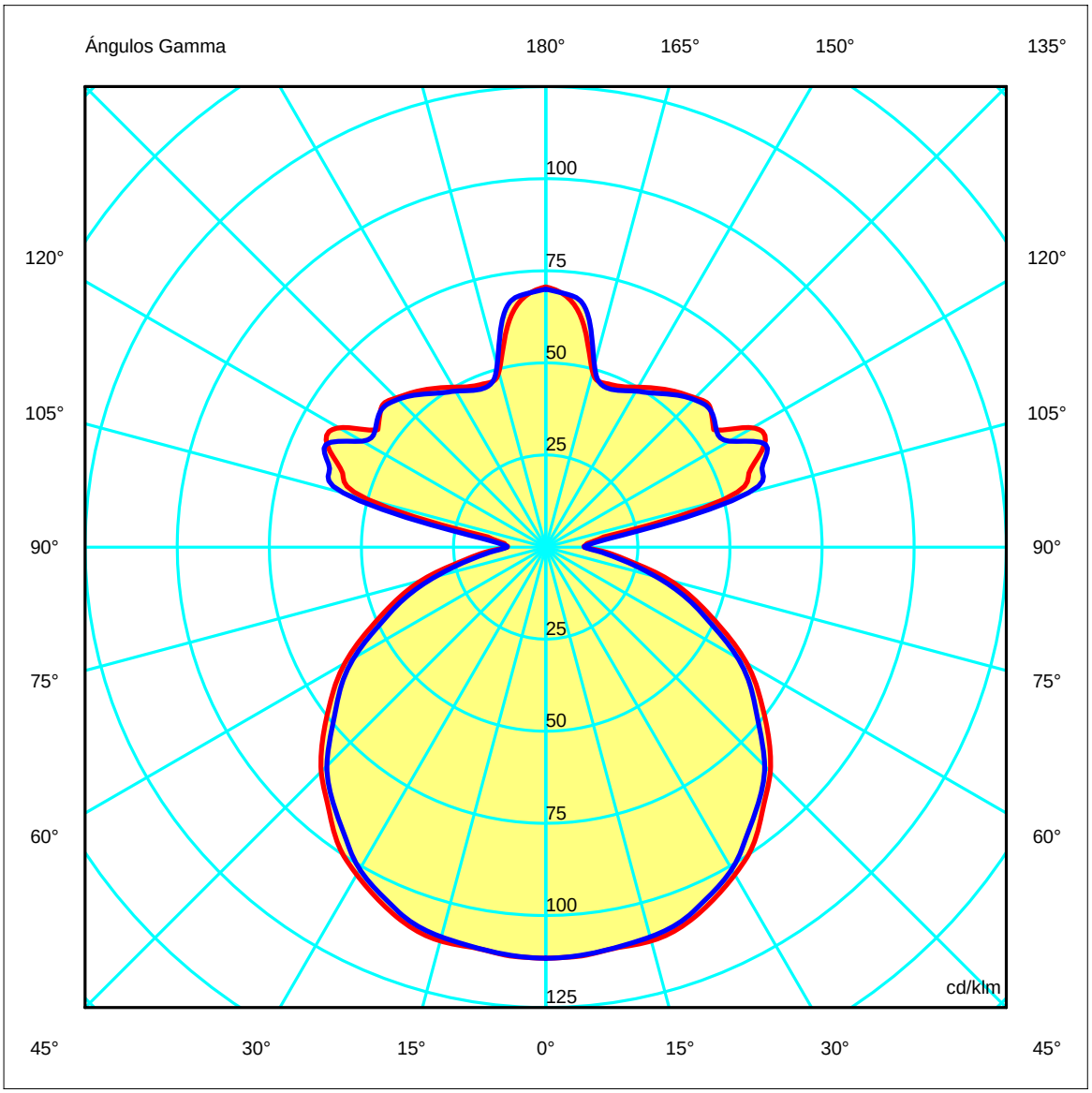
Diam=600mm




Semiplanos C

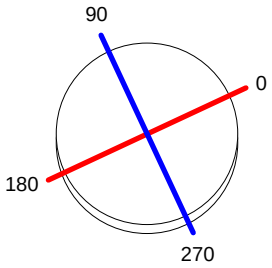
180.0 — 0.0

270.0 — 90.0



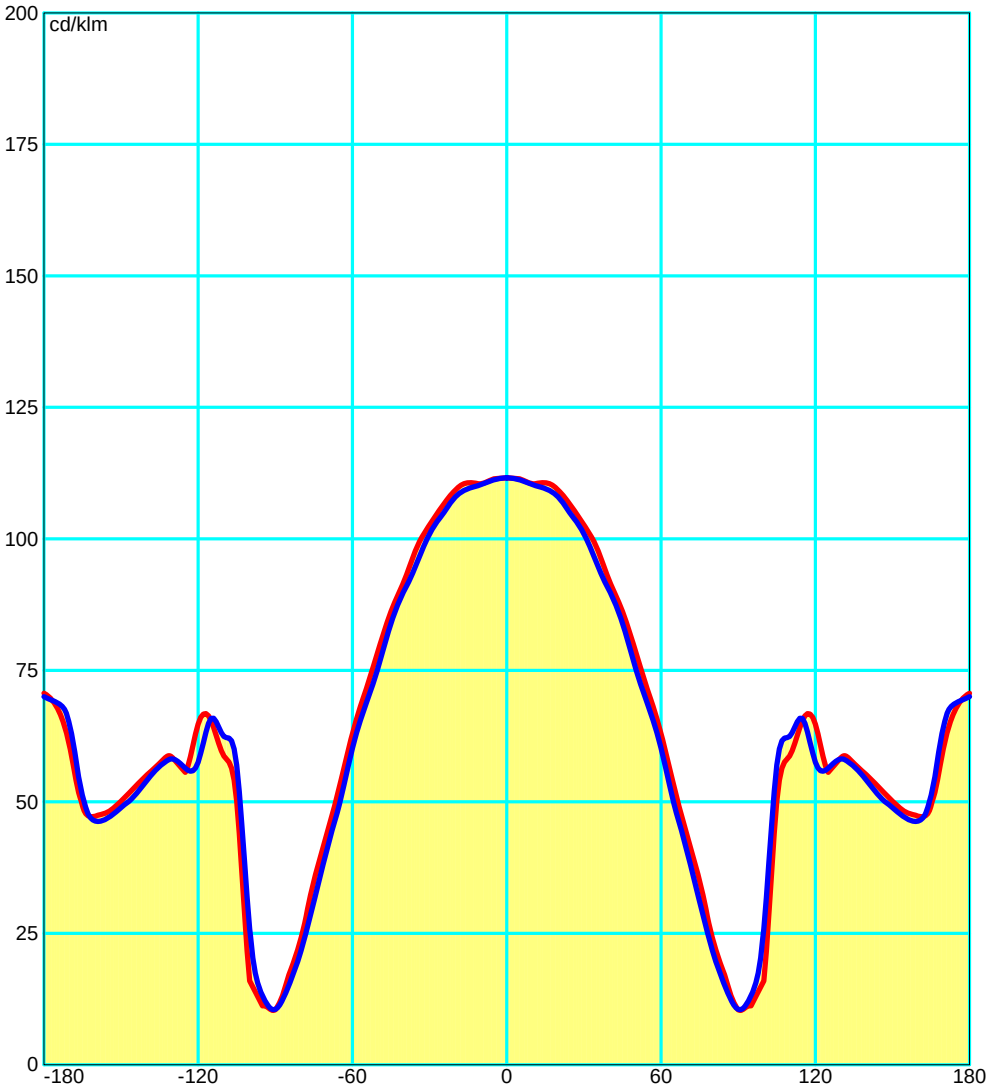
| Luminaria | | Ensayo | | Lámpara | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |

Diam=600mm




Semiplanos C



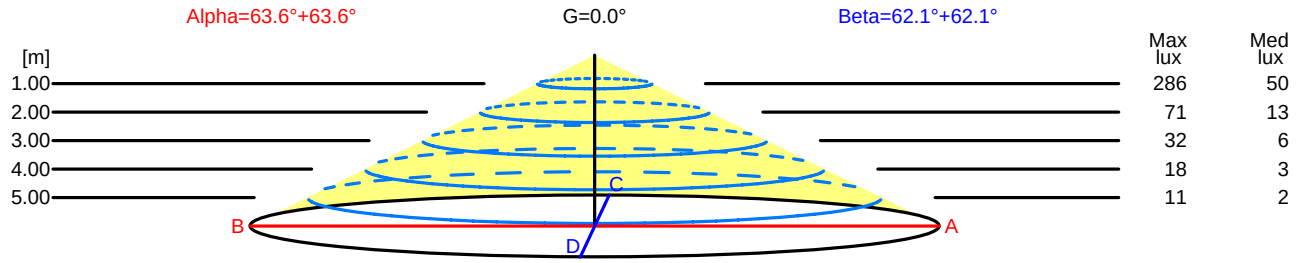
| **Luminaria** | | **Ensayo** | | **Lámpara** | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |

Apertura a 50.00 % de MaxLux

| 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 | 2.02 | 4.03 | 6.05 | 8.06 | 10.08 | OC | 1.89 | 3.78 | 5.67 | 7.56 | 9.45 |
| OB | 2.02 | 4.03 | 6.05 | 8.06 | 10.08 | OD | 1.89 | 3.78 | 5.67 | 7.56 | 9.45 |

Intensidades Luminosas [ cd/klm]

| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
|---|---|---|---|---|---|---|---|---|---|---|
| OA | 111.60 | 111.42 | 110.68 | 106.25 | 98.34 | 86.18 | 70.94 | 52.99 | 34.92 | 16.61 |
| OB | 111.60 | 111.42 | 110.68 | 106.25 | 98.34 | 86.18 | 70.94 | 52.99 | 34.92 | 16.61 |
| OC | 111.60 | 111.22 | 109.52 | 104.62 | 95.33 | 84.01 | 68.27 | 49.72 | 31.00 | 14.82 |
| OD | 111.60 | 111.22 | 109.52 | 104.62 | 95.33 | 84.01 | 68.27 | 49.72 | 31.00 | 14.82 |



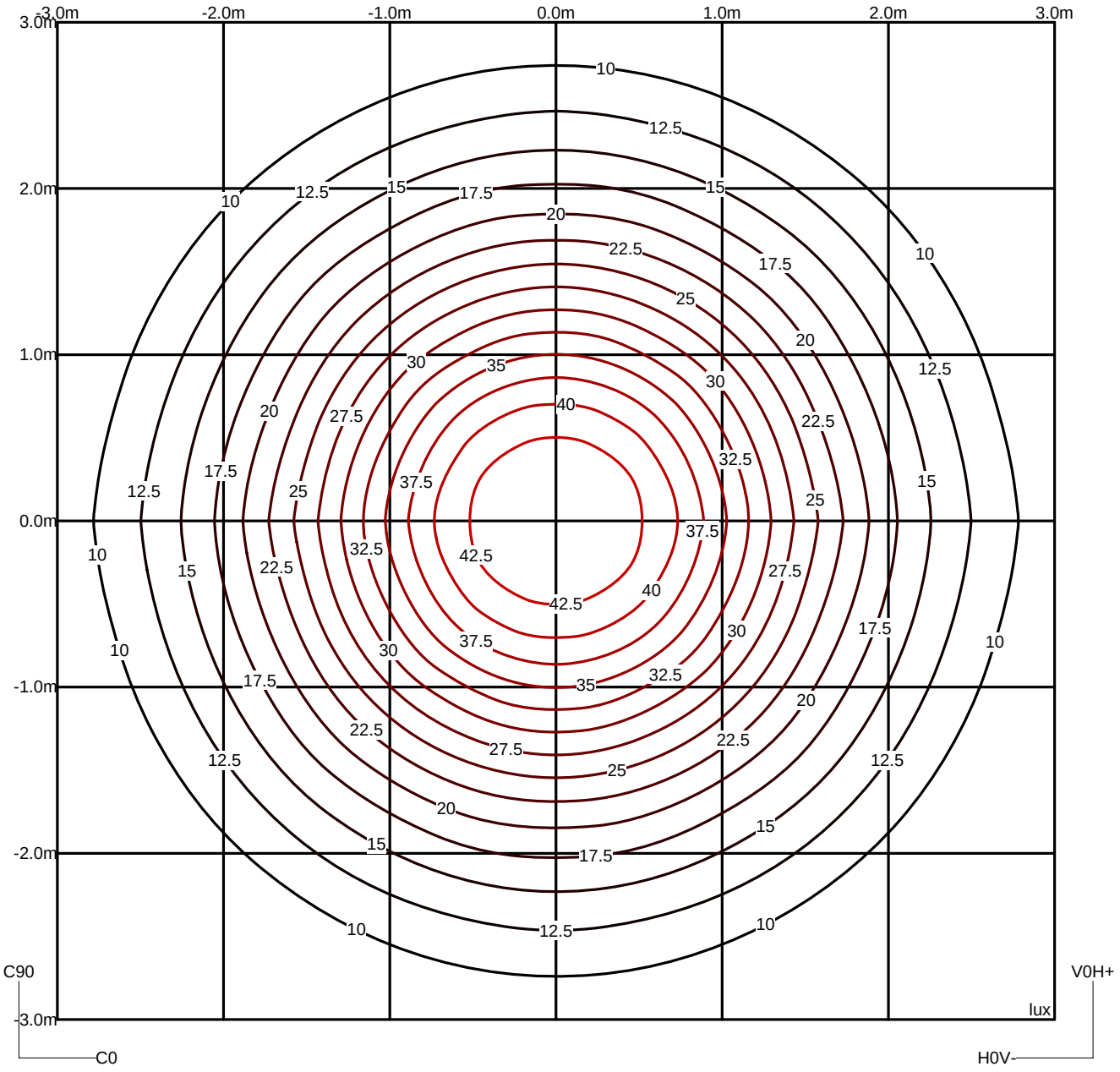

| H[m] | D[m] | Max lux | Med lux | Alpha=63.6°+63.6° G=0.0 |
|---|---|---|---|---|
| 1.00 | 4.03 | 286 | 50 | |
| 2.00 | 8.06 | 71 | 13 | |
| 3.00 | 12.10 | 32 | 6 | |
| 4.00 | 16.13 | 18 | 3 | |
| 5.00 | 20.16 | 11 | 2 | |

| H[m] | D[m] | Max lux | Med lux | Beta=62.1°+62.1° G=0.0 |
|---|---|---|---|---|
| 1.00 | 3.78 | 286 | 50 | |
| 2.00 | 7.56 | 71 | 13 | |
| 3.00 | 11.34 | 32 | 6 | |
| 4.00 | 15.11 | 18 | 3 | |
| 5.00 | 18.89 | 11 | 2 | |

| Luminaria | | Ensayo | | Lámpara | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |

Isolux (Suelo)

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



| Luminaria | | Ensayo | | Lámpara | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |

Flujo Total=2560.00 Flujo Luminaria=1728.02

| 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 | 0.27 | 0.35 | 0.42 | 0.50 | 0.55 | 0.64 | 0.70 | 0.74 | 0.79 | 0.83 | 0.90 | 0.95 |
| RC | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |

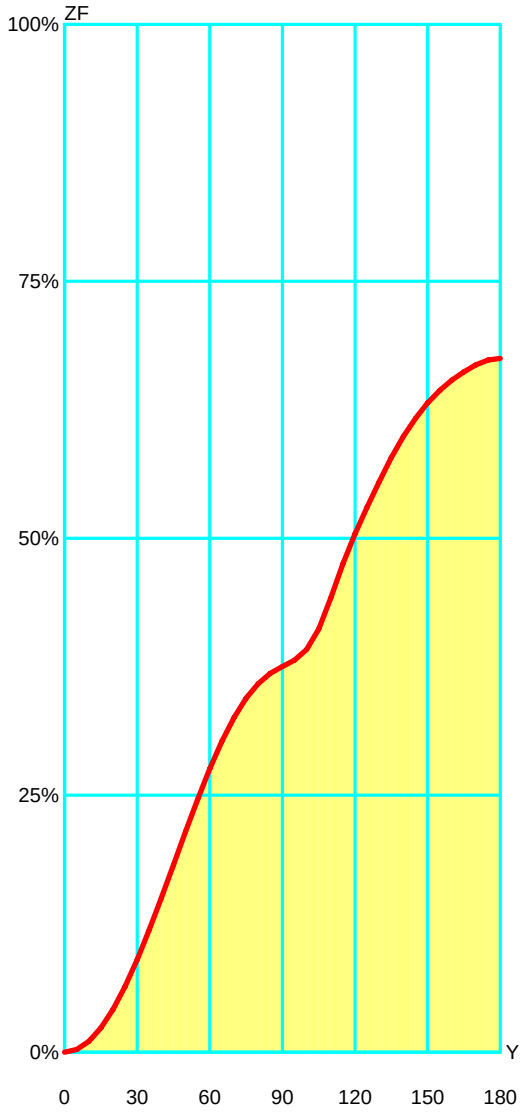
Flujo Zonal por 1000 Lúmenes

| Y° | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ZF(Y) | 11 | 42 | 90 | 150 | 215 | 276 | 326 | 359 | 375 | 392 | 442 | 504 | 555 | 599 | 632 | 654 | 669 | 675 |

Códigos de Flujo C.I.E.

42 73 92 56 68

| | | | |
|---|---|---|---|
| C.I.E. | 6 | LOR | 67.50071 % |
| D DIN 5040 | C31 | ULOR | 29.97355 % |
| F UTE | 0.38 J + 0.30 T | DLOR | 37.52716 % |
| B NBN | BZ 5 | UFF | 44.40479 % |
| RN | 44.40479 % | DFF | 55.59521 % |
| BLF | 1.0 | FFR | 79.87160 % |




| Flujo Zonal | | | | |
|---|---|---|---|---|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 2.66 | 2.66 | 0.39 % | 0.39 % |
| 10° | 7.93 | 10.60 | 1.18 % | 1.57 % |
| 15° | 13.08 | 23.68 | 1.94 % | 3.51 % |
| 20° | 17.99 | 41.67 | 2.66 % | 6.17 % |
| 25° | 22.37 | 64.03 | 3.31 % | 9.49 % |
| 30° | 26.08 | 90.11 | 3.86 % | 13.35 % |
| 35° | 29.01 | 119.13 | 4.30 % | 17.65 % |
| 40° | 31.08 | 150.20 | 4.60 % | 22.25 % |
| 45° | 32.24 | 182.44 | 4.78 % | 27.03 % |
| 50° | 32.33 | 214.78 | 4.79 % | 31.82 % |
| 55° | 31.41 | 246.18 | 4.65 % | 36.47 % |
| 60° | 29.60 | 275.78 | 4.38 % | 40.86 % |
| 65° | 26.75 | 302.53 | 3.96 % | 44.82 % |
| 70° | 23.06 | 325.59 | 3.42 % | 48.24 % |
| 75° | 18.80 | 344.39 | 2.79 % | 51.02 % |
| 80° | 14.20 | 358.60 | 2.10 % | 53.12 % |
| 85° | 9.92 | 368.52 | 1.47 % | 54.59 % |
| 90° | 6.75 | 375.27 | 1.00 % | 55.60 % |
| 95° | 6.27 | 381.54 | 0.93 % | 56.52 % |
| 100° | 10.29 | 391.82 | 1.52 % | 58.05 % |
| 105° | 19.83 | 411.66 | 2.94 % | 60.99 % |
| 110° | 30.26 | 441.92 | 4.48 % | 65.47 % |
| 115° | 33.25 | 475.17 | 4.93 % | 70.39 % |
| 120° | 29.28 | 504.45 | 4.34 % | 74.73 % |
| 125° | 25.86 | 530.31 | 3.83 % | 78.56 % |
| 130° | 24.85 | 555.16 | 3.68 % | 82.25 % |
| 135° | 23.29 | 578.45 | 3.45 % | 85.69 % |
| 140° | 20.64 | 599.09 | 3.06 % | 88.75 % |
| 145° | 17.72 | 616.81 | 2.63 % | 91.38 % |
| 150° | 14.87 | 631.68 | 2.20 % | 93.58 % |
| 155° | 12.22 | 643.90 | 1.81 % | 95.39 % |
| 160° | 9.89 | 653.78 | 1.46 % | 96.86 % |
| 165° | 8.10 | 661.88 | 1.20 % | 98.06 % |
| 170° | 6.84 | 668.73 | 1.01 % | 99.07 % |
| 175° | 4.65 | 673.38 | 0.69 % | 99.76 % |
| 180° | 1.63 | 675.01 | 0.24 % | 100.00 % |

| Luminaria | | Ensayo | | Lámpara | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |

**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 Local | Vista Lateral | | | | | Vista Longitudinal | | | | |
| x=2H y=2H | 8.3 | 9.2 | 9.1 | 10.0 | 11.0 | 8.2 | 9.1 | 9.1 | 10.0 | 11.0 |
| x=2H y=3H | 9.9 | 10.7 | 10.7 | 11.5 | 12.5 | 9.8 | 10.6 | 10.6 | 11.4 | 12.5 |
| x=2H y=4H | 10.5 | 11.2 | 11.4 | 12.1 | 13.1 | 10.3 | 11.1 | 11.2 | 12.0 | 13.1 |
| x=2H y=6H | 11.0 | 11.7 | 11.9 | 12.6 | 13.5 | 10.8 | 11.5 | 11.7 | 12.4 | 13.5 |
| x=2H y=8H | 11.2 | 11.9 | 12.1 | 12.7 | 13.6 | 11.0 | 11.6 | 11.9 | 12.5 | 13.6 |
| x=2H y=12H | 11.4 | 12.0 | 12.3 | 12.9 | 13.8 | 11.1 | 11.7 | 12.0 | 12.6 | 13.8 |
| x=4H y=2H | 8.8 | 9.6 | 9.7 | 10.5 | 11.5 | 8.8 | 9.5 | 9.7 | 10.4 | 11.5 |
| x=4H y=3H | 10.5 | 11.2 | 11.4 | 12.0 | 13.1 | 10.4 | 11.1 | 11.4 | 12.0 | 13.1 |
| x=4H y=4H | 11.3 | 11.8 | 12.2 | 12.7 | 13.8 | 11.1 | 11.7 | 12.1 | 12.6 | 13.8 |
| x=4H y=6H | 11.8 | 12.3 | 12.8 | 13.3 | 14.3 | 11.7 | 12.2 | 12.6 | 13.1 | 14.3 |
| x=4H y=8H | 12.1 | 12.5 | 13.0 | 13.5 | 14.5 | 11.9 | 12.4 | 12.9 | 13.3 | 14.5 |
| x=4H y=12H | 12.3 | 12.7 | 13.3 | 13.7 | 14.7 | 12.1 | 12.5 | 13.1 | 13.5 | 14.7 |
| x=8H y=4H | 11.4 | 11.9 | 12.4 | 12.8 | 13.9 | 11.3 | 11.8 | 12.3 | 12.7 | 13.9 |
| x=8H y=6H | 12.1 | 12.5 | 13.1 | 13.5 | 14.6 | 12.0 | 12.4 | 13.0 | 13.4 | 14.6 |
| x=8H y=8H | 12.5 | 12.8 | 13.5 | 13.8 | 14.9 | 12.3 | 12.7 | 13.3 | 13.6 | 14.9 |
| x=8H y=12H | 12.7 | 13.0 | 13.7 | 14.0 | 15.1 | 12.6 | 12.9 | 13.6 | 13.9 | 15.1 |
| x=12H y=4H | 11.4 | 11.8 | 12.4 | 12.8 | 13.9 | 11.3 | 11.7 | 12.3 | 12.7 | 13.9 |
| x=12H y=6H | 12.2 | 12.5 | 13.2 | 13.5 | 14.6 | 12.1 | 12.4 | 13.1 | 13.4 | 14.6 |
| x=12H y=8H | 12.5 | 12.8 | 13.5 | 13.8 | 14.9 | 12.4 | 12.7 | 13.4 | 13.7 | 14.9 |

| **Luminaria** | | **Ensayo** | | **Lámpara** | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |

Utilización CIE

Montaje Directo 114-Norm type Normalizados Raz. de Susp. 1/3 CIE Estándar

Techo

| K | 8873 | 8773 | 8871 | 8771 | 7773 | 7771 | 7753 | 7553 | 7751 | 7551 | 7731 | 7331 | 7711 | 7111 | 5551 | 5531 | 5331 | 5511 | 5111 | 3331 | 3311 | 1111 | 0000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.60 | 348 | 313 | 324 | 292 | 298 | 279 | 258 | 219 | 246 | 210 | 224 | 169 | 209 | 142 | 196 | 181 | 160 | 170 | 135 | 152 | 143 | 124 | 112 |
| 0.80 | 386 | 354 | 348 | 321 | 337 | 307 | 293 | 256 | 273 | 240 | 249 | 198 | 230 | 168 | 224 | 207 | 187 | 194 | 160 | 177 | 167 | 147 | 133 |
| 1.00 | 412 | 383 | 362 | 338 | 364 | 324 | 319 | 285 | 291 | 261 | 265 | 219 | 246 | 189 | 244 | 226 | 207 | 212 | 180 | 197 | 186 | 165 | 150 |
| 1.25 | 434 | 409 | 371 | 351 | 389 | 337 | 344 | 313 | 305 | 279 | 281 | 239 | 261 | 209 | 263 | 244 | 227 | 229 | 200 | 216 | 204 | 184 | 167 |
| 1.50 | 450 | 427 | 375 | 359 | 407 | 345 | 364 | 335 | 316 | 293 | 292 | 254 | 272 | 225 | 276 | 258 | 242 | 243 | 216 | 231 | 219 | 199 | 180 |
| 2.00 | 471 | 452 | 379 | 366 | 431 | 354 | 392 | 367 | 328 | 310 | 307 | 275 | 289 | 248 | 293 | 277 | 263 | 262 | 239 | 252 | 241 | 222 | 200 |
| 2.50 | 484 | 468 | 379 | 369 | 447 | 358 | 412 | 390 | 336 | 320 | 316 | 290 | 300 | 265 | 305 | 289 | 278 | 276 | 256 | 267 | 256 | 239 | 214 |
| 3.00 | 493 | 480 | 379 | 371 | 458 | 360 | 426 | 407 | 341 | 327 | 323 | 300 | 308 | 277 | 312 | 299 | 288 | 286 | 268 | 278 | 268 | 251 | 225 |
| 4.00 | 505 | 494 | 378 | 372 | 473 | 363 | 446 | 430 | 347 | 337 | 332 | 314 | 319 | 295 | 323 | 311 | 303 | 301 | 285 | 292 | 284 | 269 | 240 |
| 5.00 | 512 | 504 | 377 | 372 | 482 | 364 | 459 | 446 | 350 | 342 | 338 | 323 | 327 | 306 | 329 | 319 | 312 | 310 | 297 | 302 | 294 | 280 | 250 |
| 10.00 | 527 | 523 | 373 | 371 | 502 | 365 | 488 | 481 | 357 | 353 | 350 | 342 | 343 | 332 | 342 | 336 | 332 | 330 | 323 | 323 | 319 | 308 | 272 |
| 20.00 | 535 | 533 | 371 | 369 | 512 | 364 | 504 | 500 | 360 | 358 | 356 | 352 | 353 | 346 | 349 | 345 | 343 | 342 | 338 | 335 | 332 | 323 | 285 |

Pared

| K | 8873 | 8773 | 8871 | 8771 | 7773 | 7771 | 7753 | 7553 | 7751 | 7551 | 7731 | 7331 | 7711 | 7111 | 5551 | 5531 | 5331 | 5511 | 5111 | 3331 | 3311 | 1111 | 0000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.60 | 270 | 251 | 239 | 223 | 240 | 214 | 189 | 172 | 173 | 157 | 145 | 124 | 125 | 102 | 149 | 127 | 119 | 110 | 98 | 114 | 100 | 92 | 82 |
| 0.80 | 312 | 293 | 269 | 253 | 278 | 242 | 226 | 207 | 202 | 186 | 173 | 150 | 152 | 126 | 174 | 151 | 142 | 133 | 120 | 135 | 120 | 110 | 97 |
| 1.00 | 342 | 323 | 288 | 274 | 306 | 261 | 255 | 235 | 223 | 206 | 194 | 171 | 172 | 145 | 191 | 169 | 160 | 151 | 137 | 150 | 135 | 123 | 108 |
| 1.25 | 369 | 352 | 304 | 291 | 331 | 276 | 282 | 262 | 241 | 226 | 214 | 191 | 193 | 165 | 207 | 186 | 177 | 169 | 154 | 165 | 150 | 135 | 118 |
| 1.50 | 390 | 373 | 315 | 304 | 350 | 288 | 304 | 284 | 255 | 241 | 230 | 207 | 209 | 181 | 220 | 200 | 191 | 183 | 168 | 176 | 162 | 145 | 126 |
| 2.00 | 415 | 401 | 326 | 317 | 374 | 299 | 333 | 315 | 272 | 259 | 249 | 229 | 230 | 204 | 234 | 217 | 208 | 201 | 188 | 190 | 178 | 158 | 136 |
| 2.50 | 432 | 420 | 333 | 325 | 390 | 307 | 353 | 337 | 283 | 272 | 263 | 244 | 245 | 221 | 244 | 228 | 221 | 214 | 201 | 199 | 188 | 166 | 142 |
| 3.00 | 444 | 433 | 337 | 330 | 401 | 311 | 368 | 353 | 290 | 280 | 272 | 255 | 256 | 234 | 251 | 237 | 230 | 224 | 212 | 206 | 196 | 172 | 146 |
| 4.00 | 462 | 453 | 345 | 339 | 419 | 320 | 391 | 378 | 302 | 294 | 287 | 273 | 273 | 254 | 262 | 250 | 244 | 239 | 229 | 218 | 209 | 182 | 154 |
| 5.00 | 475 | 467 | 350 | 346 | 431 | 326 | 407 | 395 | 311 | 304 | 298 | 286 | 286 | 269 | 271 | 260 | 255 | 251 | 241 | 226 | 219 | 190 | 161 |
| 10.00 | 505 | 501 | 365 | 363 | 461 | 342 | 446 | 439 | 334 | 330 | 325 | 318 | 318 | 307 | 292 | 286 | 283 | 280 | 274 | 249 | 244 | 211 | 179 |
| 20.00 | 523 | 521 | 375 | 374 | 479 | 352 | 471 | 467 | 348 | 345 | 343 | 339 | 338 | 332 | 306 | 302 | 300 | 299 | 295 | 264 | 261 | 226 | 191 |

P.Trab.

| K | 8873 | 8773 | 8871 | 8771 | 7773 | 7771 | 7753 | 7553 | 7751 | 7551 | 7731 | 7331 | 7711 | 7111 | 5551 | 5531 | 5331 | 5511 | 5111 | 3331 | 3311 | 1111 | 0000 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0.60 | 314 | 293 | 293 | 275 | 281 | 264 | 219 | 201 | 211 | 194 | 175 | 153 | 149 | 126 | 183 | 154 | 146 | 132 | 121 | 139 | 121 | 112 | 102 |
| 0.80 | 382 | 360 | 352 | 334 | 342 | 318 | 277 | 256 | 265 | 246 | 227 | 200 | 198 | 169 | 228 | 198 | 188 | 175 | 160 | 178 | 158 | 145 | 133 |
| 1.00 | 436 | 414 | 397 | 379 | 390 | 360 | 327 | 303 | 309 | 289 | 271 | 241 | 241 | 208 | 266 | 236 | 225 | 212 | 195 | 210 | 190 | 173 | 159 |
| 1.25 | 488 | 466 | 440 | 423 | 437 | 400 | 376 | 352 | 352 | 332 | 315 | 284 | 285 | 249 | 303 | 274 | 263 | 251 | 232 | 243 | 224 | 202 | 186 |
| 1.50 | 527 | 507 | 471 | 456 | 474 | 430 | 415 | 391 | 386 | 366 | 350 | 319 | 321 | 283 | 332 | 304 | 293 | 281 | 262 | 269 | 250 | 224 | 207 |
| 2.00 | 585 | 566 | 515 | 502 | 527 | 473 | 474 | 451 | 435 | 417 | 403 | 373 | 376 | 339 | 375 | 351 | 339 | 330 | 310 | 308 | 292 | 259 | 240 |
| 2.50 | 623 | 606 | 543 | 532 | 562 | 501 | 515 | 493 | 468 | 451 | 439 | 411 | 414 | 379 | 405 | 383 | 372 | 364 | 345 | 335 | 321 | 283 | 262 |
| 3.00 | 650 | 635 | 563 | 553 | 588 | 521 | 545 | 525 | 491 | 476 | 465 | 440 | 442 | 409 | 426 | 406 | 396 | 389 | 371 | 355 | 342 | 301 | 278 |
| 4.00 | 685 | 673 | 588 | 580 | 621 | 546 | 586 | 568 | 522 | 509 | 500 | 478 | 480 | 451 | 453 | 437 | 428 | 422 | 406 | 381 | 370 | 323 | 298 |
| 5.00 | 707 | 697 | 603 | 596 | 642 | 561 | 612 | 597 | 541 | 530 | 522 | 503 | 505 | 479 | 470 | 456 | 449 | 443 | 429 | 398 | 388 | 337 | 311 |
| 10.00 | 755 | 750 | 634 | 631 | 688 | 593 | 670 | 661 | 582 | 576 | 571 | 560 | 561 | 545 | 508 | 500 | 495 | 492 | 483 | 435 | 429 | 369 | 340 |
| 20.00 | 781 | 778 | 651 | 649 | 713 | 611 | 704 | 699 | 605 | 602 | 599 | 593 | 593 | 584 | 530 | 525 | 522 | 521 | 516 | 456 | 452 | 388 | 356 |

**LM53 SHR C0-C180: 1.362 SHR C90-C270: 1.324 SHR Superficial: 1.457**

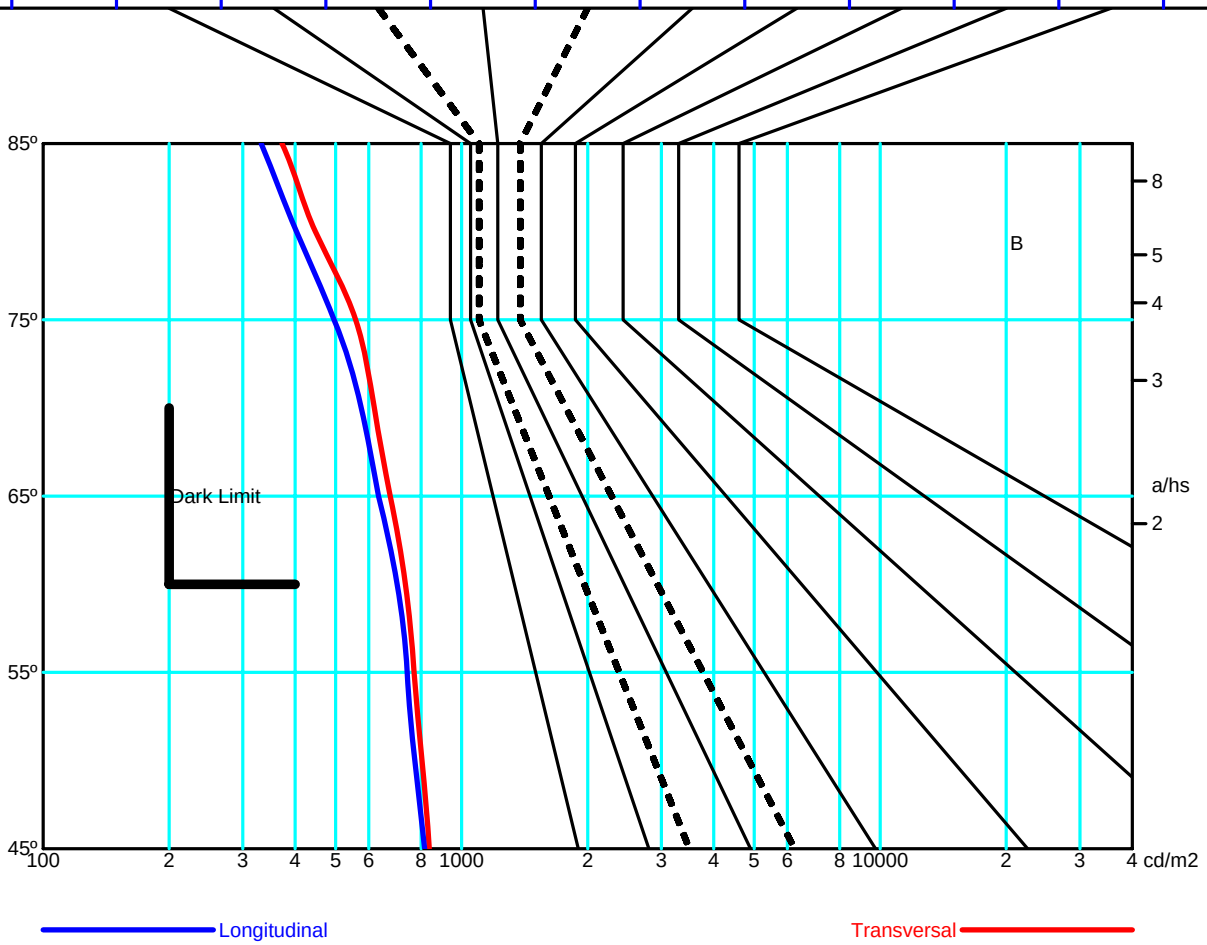
| Luminaria | | Ensayo | | Lámpara | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |

Luminancia Media [cd/m²]

| | 45° | 50° | 55° | 60° | 65° | 70° | 75° | 80° | 85° | |
|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 837.0 | 803.9 | 769.8 | 734.8 | 674.7 | 618.5 | 558.3 | 447.3 | 372.1 | --- |
| 90° | 815.9 | 771.8 | 740.9 | 702.3 | 633.1 | 576.7 | 495.7 | 403.2 | 332.0 | --- |

Flujo montado o vista transversal

| | | Iluminancia (lx) | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | A | 2000 | 1000 | 750 | 500 | | <300 | | | | | 1.15 |
| B | 1 | | 2000 | 1500 | 1000 | 750 | 500 | <300 | | | | 1.5 |
| C | | | | | 2000 | | 1000 | 500 | <300 | | | 1.85 |
| D | 2 | | | | | | 2000 | 1000 | 500 | <300 | | 2.2 |
| E | 3 | | | | | | | 2000 | 1000 | 500 | <300 | 2.55 |



| Luminaria | | Ensayo | | Lámpara | |
|---|---|---|---|---|---|
| Código | PLAFONET 02 BLANCA | Código | PLAFONET 02 BLANCA | Código | STANDARD S 60W E27 |
| Nombre | PLAFONET 02 4x60W cinta blanca | Nombre | PLAFONET 02 4x60W cinta blanca | Número | 4 |
| Familia | - BOVER | Fecha | 06-06-2011 | Posición | Universal |

| | | | | | |
|---|---|---|---|---|---|
| Rendimiento | 67.50% | Sist. de Coorden. | C-G | Flujo Total | 2560.00 lm |

Luminancia

| G/C | 0 | 30 | 60 | 90 | 120 | 150 | 180 | 210 | 240 | 270 | 300 | 330 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 0° | 1010.45 | 1010.45 | 1010.45 | 1010.45 | 1010.45 | 1010.45 | 1010.45 | 1010.45 | 1010.45 | 1010.45 | 1010.45 | 1010.45 |
| 5° | 985.21 | 985.32 | 984.71 | 983.46 | 984.71 | 985.32 | 985.21 | 985.32 | 984.71 | 983.46 | 984.71 | 985.32 |
| 10° | 961.68 | 965.66 | 960.95 | 960.28 | 960.95 | 965.66 | 961.68 | 965.66 | 960.95 | 960.28 | 960.95 | 965.66 |
| 15° | 955.93 | 950.11 | 947.88 | 945.95 | 947.88 | 950.11 | 955.93 | 950.11 | 947.88 | 945.95 | 947.88 | 950.11 |
| 20° | 943.61 | 933.31 | 933.10 | 932.29 | 933.10 | 933.31 | 943.61 | 933.31 | 933.10 | 932.29 | 933.10 | 933.31 |
| 25° | 924.24 | 911.68 | 908.87 | 910.06 | 908.87 | 911.68 | 924.24 | 911.68 | 908.87 | 910.06 | 908.87 | 911.68 |
| 30° | 906.43 | 891.66 | 890.21 | 891.88 | 890.21 | 891.66 | 906.43 | 891.66 | 890.21 | 891.88 | 890.21 | 891.66 |
| 35° | 888.86 | 863.25 | 865.52 | 861.68 | 865.52 | 863.25 | 888.86 | 863.25 | 865.52 | 861.68 | 865.52 | 863.25 |
| 40° | 857.07 | 837.64 | 836.81 | 839.37 | 836.81 | 837.64 | 857.07 | 837.64 | 836.81 | 839.37 | 836.81 | 837.64 |
| 45° | 837.03 | 810.63 | 813.91 | 815.93 | 813.91 | 810.63 | 837.03 | 810.63 | 813.91 | 815.93 | 813.91 | 810.63 |
| 50° | 803.92 | 776.59 | 770.34 | 771.78 | 770.34 | 776.59 | 803.92 | 776.59 | 770.34 | 771.78 | 770.34 | 776.59 |
| 55° | 769.81 | 739.46 | 737.59 | 740.93 | 737.59 | 739.46 | 769.81 | 739.46 | 737.59 | 740.93 | 737.59 | 739.46 |
| 60° | 734.79 | 697.20 | 690.38 | 702.27 | 690.38 | 697.20 | 734.79 | 697.20 | 690.38 | 702.27 | 690.38 | 697.20 |
| 65° | 674.70 | 636.18 | 631.43 | 633.08 | 631.43 | 636.18 | 674.70 | 636.18 | 631.43 | 633.08 | 631.43 | 636.18 |
| 70° | 618.45 | 577.58 | 574.32 | 576.70 | 574.32 | 577.58 | 618.45 | 577.58 | 574.32 | 576.70 | 574.32 | 577.58 |
| 75° | 558.27 | 491.98 | 491.21 | 495.69 | 491.21 | 491.98 | 558.27 | 491.98 | 491.21 | 495.69 | 491.21 | 491.98 |
| 80° | 447.28 | 396.07 | 399.57 | 403.20 | 399.57 | 396.07 | 447.28 | 396.07 | 399.57 | 403.20 | 399.57 | 396.07 |
| 85° | 372.08 | 324.95 | 331.21 | 332.02 | 331.21 | 324.95 | 372.08 | 324.95 | 331.21 | 332.02 | 331.21 | 324.95 |
| 90° | 297.07 | 291.95 | 290.33 | 300.01 | 290.33 | 291.95 | 297.07 | 291.95 | 290.33 | 300.01 | 290.33 | 291.95 |

