



# Multidir Evo Small Single Recessed Trimless

LedsC4 Team

Downlight Multidir Evo Small Single Recessed Trimless 11.7W Blanc chaud - 3 000 K CRI 90 17.6° DALI-2 Noir IP54 1144lm

## Caractéristiques techniques

Puissance totale du luminaire: 11.7W

Lumens réels: 1144

Lm/W réels: 98

Température de couleur corrélée (CCT): Blanc chaud - 3 000 K

Angle des lentilles/Réflecteur: SPOT 18°

Matière de la structure: Aluminium

Finition structure: Noir

Matière du diffuseur: Polycarbonate

Finition diffuseur: Transparent

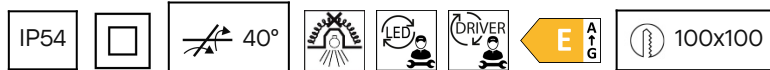
Tension/Fréquence: 110-277V/50-60Hz

Protocole de variation: DALI-2

Power Factor: 0.95

Durée de vie: 50,000h L80B20

Garantie: 5 ans



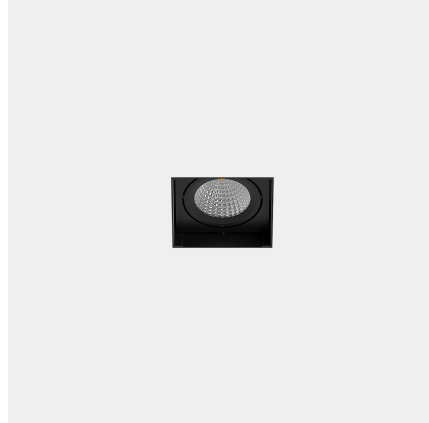
## Caractéristiques lumineuses

CRI: 90

MacAdam steps: 2

Risque photobiologique: RG1

| Douille | Quantité | Puissance source lumineuse (W) | Température de couleur corrélée (CCT) |
|---------|----------|--------------------------------|---------------------------------------|
| LED     | 1        | 10.7W                          | Blanc chaud - 3 000 K                 |



Il se peut que l'image ne corresponde pas à la référence. LedsC4 se réserve le droit de modifier l'un des éléments qui composent le produit. Les données relatives au flux, à la puissance et à la température de couleur peuvent être modifiées par le fabricant.



## Multidir Evo Small Single Recessed Trimless

LedsC4 Team

Downlight Multidir Evo Small Single Recessed Trimless 11.7W Blanc chaud - 3 000 K CRI 90 17.6° DALI-2 Noir IP54 1144lm

### Logistique



x 1

Poids net (kg): 0.84

Poids emballé (kg): 1

Emballage: 190mm x 200mm x 95mm

Il se peut que l'image ne corresponde pas à la référence. LedsC4 se réserve le droit de modifier l'un des éléments qui composent le produit. Les données relatives au flux, à la puissance et à la température de couleur peuvent être modifiées par le fabricant.



## Multidir Evo Small Single Recessed Trimless

LedsC4 Team

Downlight Multidir Evo Small Single Recessed Trimless 11.7W Blanc chaud - 3 000 K CRI 90 17.6° DALI-2 Noir IP54 1144lm

### Accessoires en option



71-A854-60-00

Grille en nid d'abeille x 5

Matière de la structure: Aluminium

Dimensions: 62 x NA x 2

Poids net (kg): 0.01

Il se peut que l'image ne corresponde pas à la référence. LedsC4 se réserve le droit de modifier l'un des éléments qui composent le produit. Les données relatives au flux, à la puissance et à la température de couleur peuvent être modifiées par le fabricant.

## Luminaria

Código AU12-11W9S3DS60  
Nombre MULTIDIR

## Ensayo

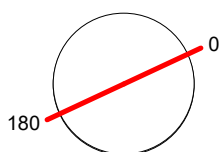
Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                            |            |                    |                |                               |               |               |               |
|----------------------------|------------|--------------------|----------------|-------------------------------|---------------|---------------|---------------|
| Flujo Luminaria            | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia                      | 106.92 lm/W   | Eficiencia    | 100.00%       |
| Flujo de Lámpara           | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición                      | C=0.00 G=0.00 | CG            | Rotosimétrico |
| Luminaria Redonda          |            | Diam.              | 75 mm          | Altura                        | 1 mm          |               |               |
| Área Luminosa Redonda      |            | Diam.              | 56 mm          | Altura                        | 0 mm          |               |               |
| Área Luminosa Horizontal   |            | 0.002463 m2        |                | Área Emisión sobre Pl. 180°   |               | 0.000000 m2   |               |
| Área Emisión sobre Pl. 0°  |            | 0.000000 m2        |                | Área Emisión sobre Pl. 270°   |               | 0.000000 m2   |               |
| Área Emisión sobre Pl. 90° |            | 0.000000 m2        |                | Área de deslumbramiento a 76° |               | 0.000596 m2   |               |
| Sist. de Coordin.          |            | CG                 |                | Tipo de Simetría              |               | Rotosimétrico |               |
| Fecha                      |            | 26-08-2021         |                | Máximo Ángulo Gamma           |               | 90            |               |
| Distancia de Ensayo        |            | 0.00               |                | Flujo de Ensayo               |               | 1144.06 lm    |               |
| Operador                   |            | qualitat           |                | Tensión de alimentación [V]   |               |               |               |
| Temperatura                |            | 25.00 °C           |                | Corriente de alimentación [A] |               |               |               |
| Humedad                    |            | 60.00 %            |                | Fotocélula                    |               |               |               |
| Notas                      |            |                    |                |                               |               |               |               |

## Lámparas de la Luminaria

| Familia | Código LED        | Nombre                    | Flujo [lm] | Pot. [W] | Cant. |
|---------|-------------------|---------------------------|------------|----------|-------|
|         |                   | MULTIDIR _PETITA_S _350mA | 1144.06    | 10.70    | 1     |
| C.I.E.  | 95 99 100 100 100 | D DIN 5040                | A60        |          |       |
| F UTE   | 1.00 A            | B NBN                     | BZ 1       |          |       |

Diam=75mm



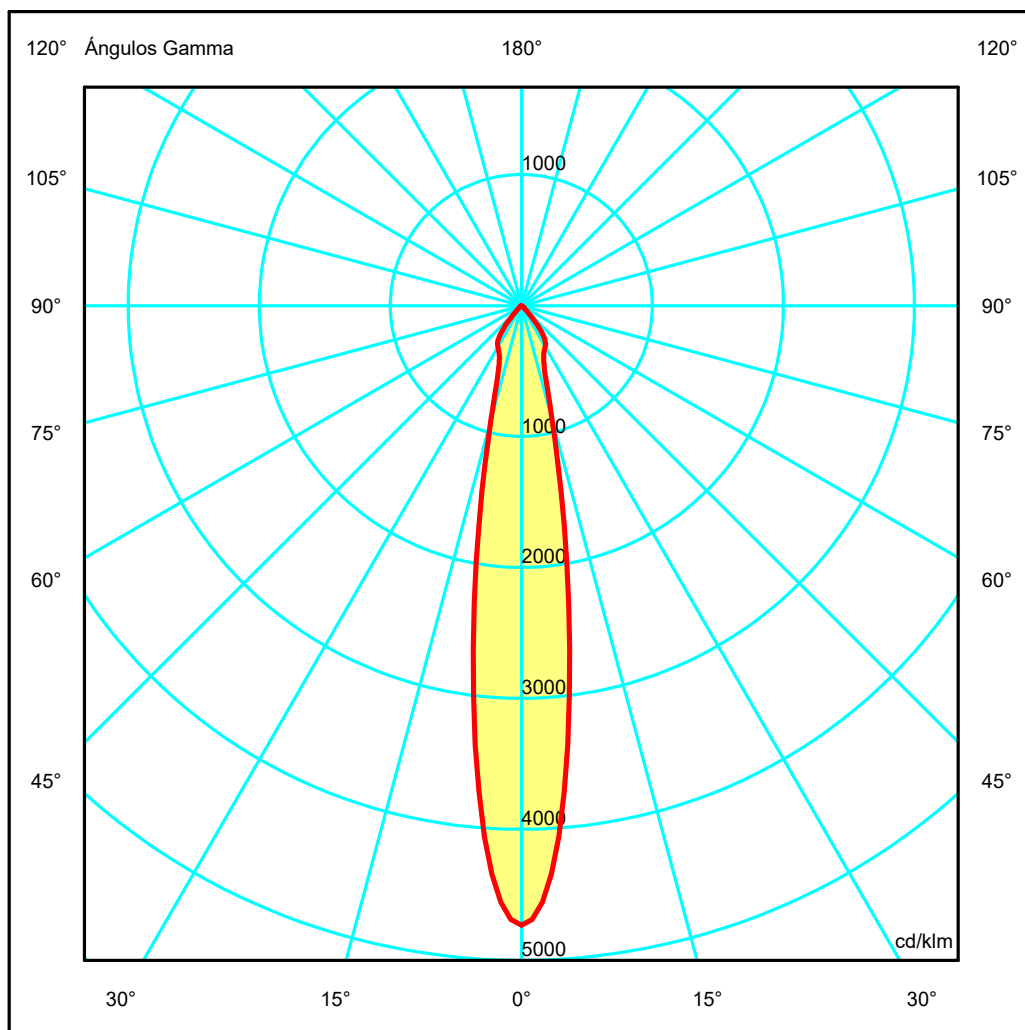
Semiplanos C

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



## Luminaria

Código AU12-11W9S3DS60  
Nombre MULTIDIR

## Ensayo

Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                  |            |                    |                |          |               |            |               |
|------------------|------------|--------------------|----------------|----------|---------------|------------|---------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia | 100.00%       |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG         | Rotosimétrico |

Tabla de Intensidad Luminosa cd/klm

Tabla 1/1

| C 0.00 |         | C 0.00 |       |
|--------|---------|--------|-------|
| G 0.0  | 4730.24 | G 46.0 | 39.04 |
| G 1.0  | 4686.62 | G 47.0 | 32.83 |
| G 2.0  | 4558.71 | G 48.0 | 29.84 |
| G 3.0  | 4344.97 | G 49.0 | 27.98 |
| G 4.0  | 4067.79 | G 50.0 | 25.81 |
| G 5.0  | 3729.26 | G 51.0 | 23.38 |
| G 6.0  | 3375.78 | G 52.0 | 20.71 |
| G 7.0  | 3001.99 | G 53.0 | 17.99 |
| G 8.0  | 2646.66 | G 54.0 | 15.27 |
| G 9.0  | 2304.99 | G 55.0 | 12.69 |
| G 10.0 | 1988.64 | G 56.0 | 10.29 |
| G 11.0 | 1704.69 | G 57.0 | 8.23  |
| G 12.0 | 1448.60 | G 58.0 | 6.61  |
| G 13.0 | 1235.07 | G 59.0 | 5.41  |
| G 14.0 | 1050.57 | G 60.0 | 4.63  |
| G 15.0 | 904.01  | G 61.0 | 4.08  |
| G 16.0 | 780.19  | G 62.0 | 3.72  |
| G 17.0 | 684.87  | G 63.0 | 3.44  |
| G 18.0 | 608.17  | G 64.0 | 3.24  |
| G 19.0 | 552.04  | G 65.0 | 3.07  |
| G 20.0 | 509.92  | G 66.0 | 2.93  |
| G 21.0 | 476.70  | G 67.0 | 2.80  |
| G 22.0 | 451.71  | G 68.0 | 2.69  |
| G 23.0 | 431.46  | G 69.0 | 2.59  |
| G 24.0 | 416.06  | G 70.0 | 2.49  |
| G 25.0 | 403.14  | G 71.0 | 2.40  |
| G 26.0 | 392.81  | G 72.0 | 2.31  |
| G 27.0 | 383.81  | G 73.0 | 2.22  |
| G 28.0 | 375.81  | G 74.0 | 2.14  |
| G 29.0 | 368.62  | G 75.0 | 2.05  |
| G 30.0 | 361.55  | G 76.0 | 1.96  |
| G 31.0 | 354.40  | G 77.0 | 1.88  |
| G 32.0 | 345.84  | G 78.0 | 1.78  |
| G 33.0 | 335.06  | G 79.0 | 1.68  |
| G 34.0 | 320.62  | G 80.0 | 1.58  |
| G 35.0 | 302.74  | G 81.0 | 1.47  |
| G 36.0 | 280.86  | G 82.0 | 1.35  |
| G 37.0 | 255.62  | G 83.0 | 1.21  |
| G 38.0 | 226.70  | G 84.0 | 1.04  |
| G 39.0 | 194.89  | G 85.0 | 0.86  |
| G 40.0 | 162.20  | G 86.0 | 0.70  |
| G 41.0 | 130.56  | G 87.0 | 0.56  |
| G 42.0 | 104.00  | G 88.0 | 0.43  |
| G 43.0 | 81.62   | G 89.0 | 0.32  |
| G 44.0 | 63.57   | G 90.0 | 0.23  |
| G 45.0 | 49.23   |        |       |

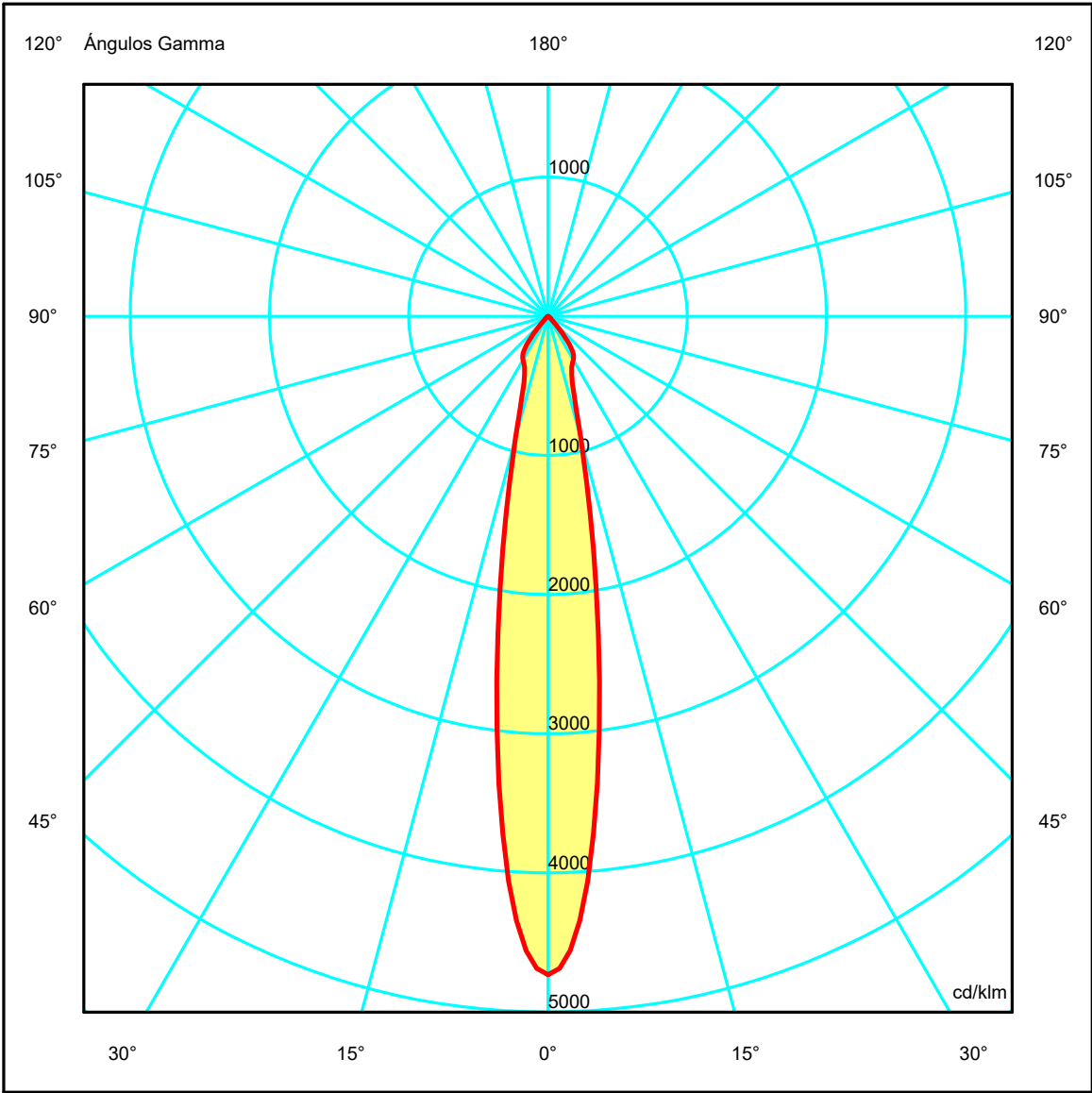
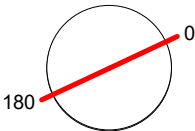
**Luminaria**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR  
**Ensayo**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                  |            |                    |                |          |               |            |               |
|------------------|------------|--------------------|----------------|----------|---------------|------------|---------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia | 100.00%       |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG         | Rotosimétrico |

Diam=75mm

Semiplanos C

180.0 0.0

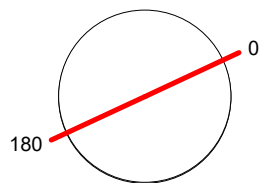


**Luminaria**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR  
**Ensayo**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR

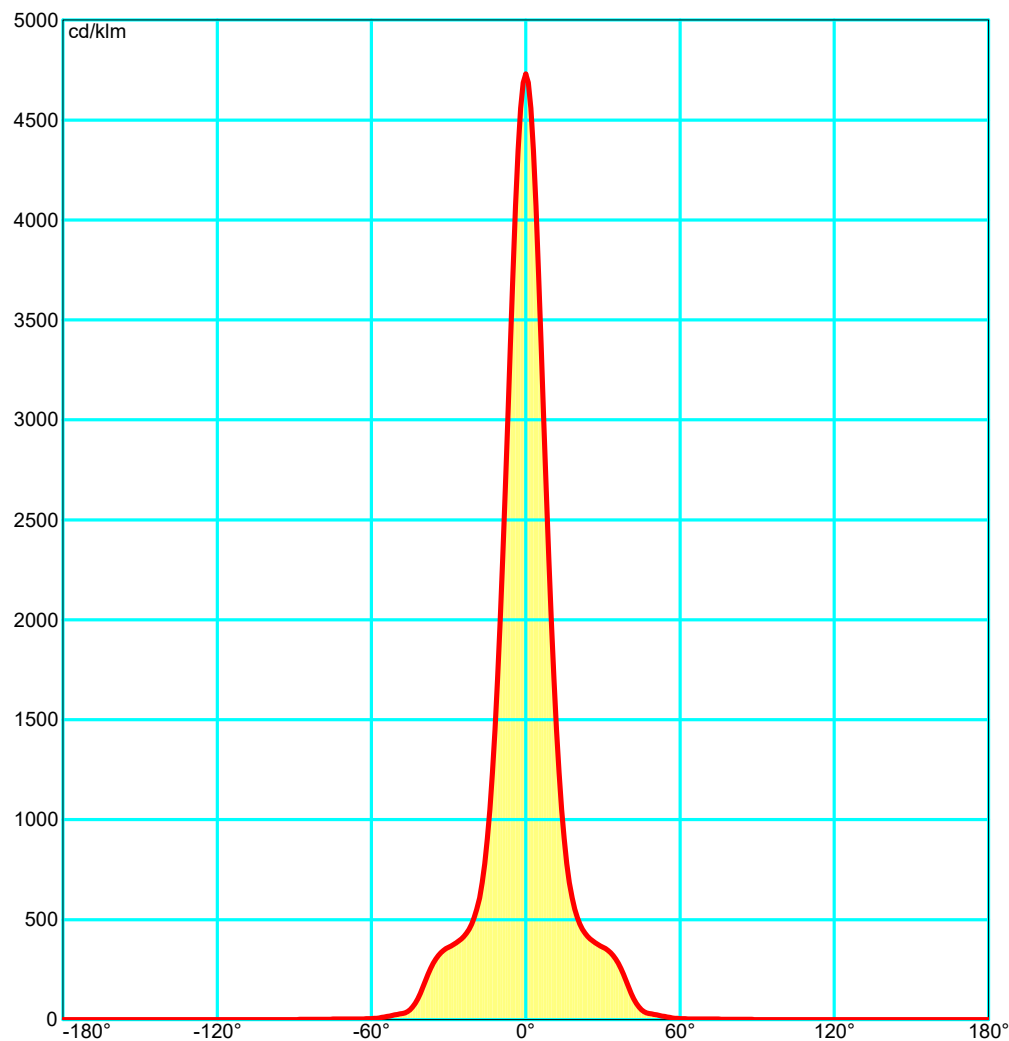
|                  |            |                    |                |          |               |            |               |
|------------------|------------|--------------------|----------------|----------|---------------|------------|---------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia | 100.00%       |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG         | Rotosimétrico |

Diam=75mm

Semiplanos C



180.0 ————— 0.0



## Luminaria

Código AU12-11W9S3DS60  
Nombre MULTIDIR

## Ensayo

Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                  |            |                    |                |          |               |            |               |
|------------------|------------|--------------------|----------------|----------|---------------|------------|---------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia | 100.00%       |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG         | Rotosimétrico |

UGR  
S = 0.250

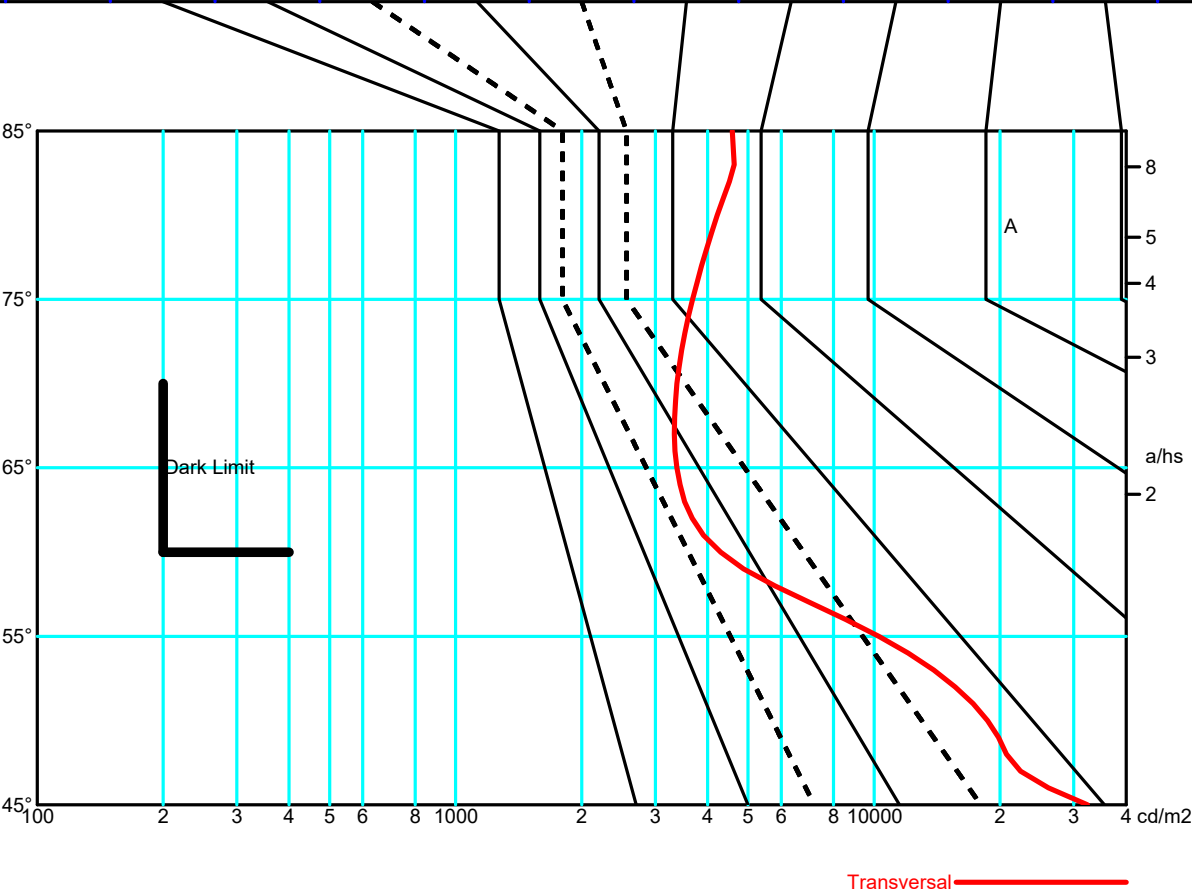
| Reflectancias         |      |      |      |      |      |                    |      |      |      |      |
|-----------------------|------|------|------|------|------|--------------------|------|------|------|------|
| Techo/Cavidad         | 0.7  | 0.7  | 0.5  | 0.5  | 0.3  | 0.7                | 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             | 20.7 | 21.4 | 21.0 | 21.6 | 21.8 | 20.7               | 21.4 | 21.0 | 21.6 | 21.8 |
| x=2H y=3H             | 20.6 | 21.2 | 20.9 | 21.5 | 21.7 | 20.6               | 21.2 | 20.9 | 21.5 | 21.7 |
| x=2H y=4H             | 20.5 | 21.1 | 20.8 | 21.4 | 21.6 | 20.5               | 21.1 | 20.8 | 21.4 | 21.6 |
| x=2H y=6H             | 20.5 | 21.0 | 20.8 | 21.3 | 21.6 | 20.5               | 21.0 | 20.8 | 21.3 | 21.6 |
| x=2H y=8H             | 20.5 | 21.0 | 20.8 | 21.3 | 21.6 | 20.5               | 21.0 | 20.8 | 21.3 | 21.6 |
| x=2H y=12H            | 20.4 | 20.9 | 20.8 | 21.2 | 21.5 | 20.4               | 20.9 | 20.8 | 21.2 | 21.5 |
| x=4H y=2H             | 20.5 | 21.1 | 20.8 | 21.4 | 21.6 | 20.5               | 21.1 | 20.8 | 21.4 | 21.6 |
| x=4H y=3H             | 20.4 | 20.9 | 20.7 | 21.2 | 21.5 | 20.4               | 20.9 | 20.7 | 21.2 | 21.5 |
| x=4H y=4H             | 20.4 | 20.8 | 20.7 | 21.1 | 21.5 | 20.4               | 20.8 | 20.7 | 21.1 | 21.5 |
| x=4H y=6H             | 20.3 | 20.7 | 20.7 | 21.0 | 21.4 | 20.3               | 20.7 | 20.7 | 21.0 | 21.4 |
| x=4H y=8H             | 20.3 | 20.6 | 20.7 | 21.0 | 21.4 | 20.3               | 20.6 | 20.7 | 21.0 | 21.4 |
| x=4H y=12H            | 20.3 | 20.6 | 20.7 | 21.0 | 21.4 | 20.3               | 20.6 | 20.7 | 21.0 | 21.4 |
| x=8H y=4H             | 20.3 | 20.6 | 20.7 | 21.0 | 21.4 | 20.3               | 20.6 | 20.7 | 21.0 | 21.4 |
| x=8H y=6H             | 20.2 | 20.5 | 20.7 | 20.9 | 21.3 | 20.2               | 20.5 | 20.7 | 20.9 | 21.3 |
| x=8H y=8H             | 20.2 | 20.4 | 20.7 | 20.9 | 21.3 | 20.2               | 20.4 | 20.7 | 20.9 | 21.3 |
| x=8H y=12H            | 20.2 | 20.4 | 20.7 | 20.8 | 21.3 | 20.2               | 20.4 | 20.7 | 20.8 | 21.3 |
| x=12H y=4H            | 20.2 | 20.5 | 20.7 | 20.9 | 21.3 | 20.2               | 20.5 | 20.7 | 20.9 | 21.3 |
| x=12H y=6H            | 20.2 | 20.4 | 20.7 | 20.8 | 21.3 | 20.2               | 20.4 | 20.7 | 20.8 | 21.3 |
| x=12H y=8H            | 20.2 | 20.4 | 20.7 | 20.8 | 21.3 | 20.2               | 20.4 | 20.7 | 20.8 | 21.3 |

**Luminaria**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR  
**Ensayo**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                  |            |                    |                |          |               |            |               |
|------------------|------------|--------------------|----------------|----------|---------------|------------|---------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia | 100.00%       |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG         | Rotosimétrico |

| Luminancia Media [cd/m²] |       |       |       |      |      |      |      |      |      |     |  |
|--------------------------|-------|-------|-------|------|------|------|------|------|------|-----|--|
| 0.0°                     | 45°   | 50°   | 55°   | 60°  | 65°  | 70°  | 75°  | 80°  | 85°  | --- |  |
|                          | 32339 | 18652 | 10278 | 4303 | 3377 | 3381 | 3682 | 4220 | 4586 |     |  |

| Flujo montado o vista longitudinal |   |                  |      |      |      |     |      |      |      |      |      |      |
|------------------------------------|---|------------------|------|------|------|-----|------|------|------|------|------|------|
|                                    |   | 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 |



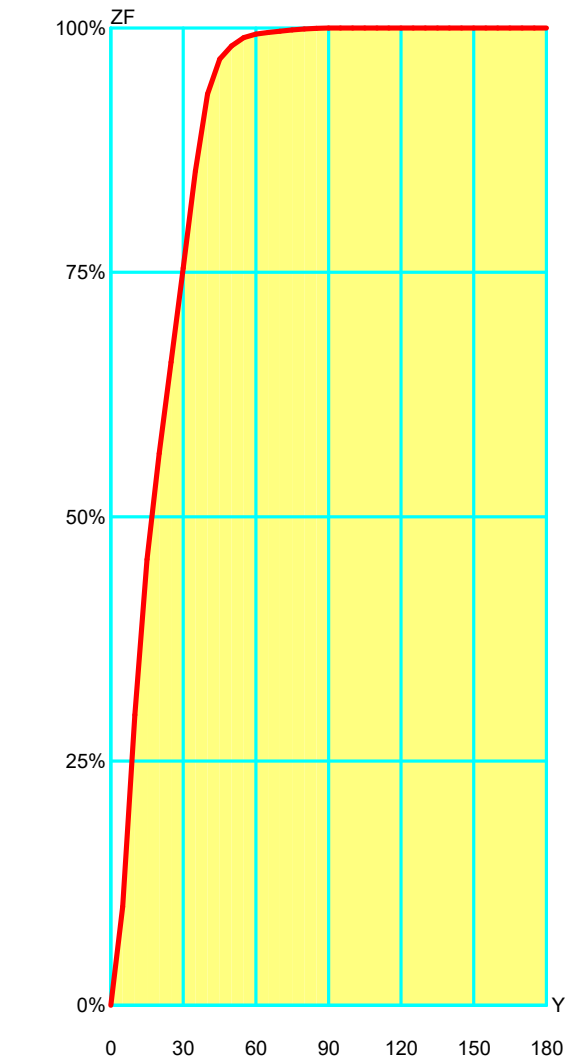
**Luminaria**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR  
**Ensayo**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                  |            |                    |                |          |               |                  |         |
|------------------|------------|--------------------|----------------|----------|---------------|------------------|---------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia       | 100.00% |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG Rotosimétrico |         |

|                                             |      |      |      |      |      |      |      |      |      |      |       |       |
|---------------------------------------------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| Flujo Total=1144.06 Flujo Luminaria=1144.06 |      |      |      |      |      |      |      |      |      |      |       |       |
| 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                                         | 0.70 | 0.75 | 0.80 | 0.83 | 0.86 | 0.91 | 0.94 | 0.96 | 0.98 | 0.99 | 1.01  | 1.02  |
| RC                                          | -    | -    | -    | -    | -    | -    | -    | -    | -    | -    | -     | -     |

|                              |     |     |     |     |     |     |     |     |      |      |      |      |
|------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|------|------|------|------|
| Flujo Zonal por 1000 Lúmenes |     |     |     |     |     |     |     |     |      |      |      |      |
| Y°                           | 10  | 20  | 30  | 40  | 50  | 60  | 70  | 80  | 90   | 100  | 110  | 120  |
| ZF(Y)                        | 297 | 565 | 754 | 933 | 982 | 994 | 997 | 999 | 1000 | 1000 | 1000 | 1000 |

|                         |                             |  |  |  |  |  |  |  |  |  |  |  |
|-------------------------|-----------------------------|--|--|--|--|--|--|--|--|--|--|--|
| Códigos de Flujo C.I.E. |                             |  |  |  |  |  |  |  |  |  |  |  |
| 95 99 100 100 100       |                             |  |  |  |  |  |  |  |  |  |  |  |
| C.I.E.                  | -/-/-/-/-/-/-/-/-/-/-/-/-/- |  |  |  |  |  |  |  |  |  |  |  |
| D DIN 5040              | A60                         |  |  |  |  |  |  |  |  |  |  |  |
| F UTE                   | 1.00 A                      |  |  |  |  |  |  |  |  |  |  |  |
| B NBN                   | BZ 1                        |  |  |  |  |  |  |  |  |  |  |  |
| RN                      | 0.00000 %                   |  |  |  |  |  |  |  |  |  |  |  |
| BLF                     | 1.0                         |  |  |  |  |  |  |  |  |  |  |  |
| LOR                     | 100.00000 %                 |  |  |  |  |  |  |  |  |  |  |  |
| ULOR                    | 0.00000 %                   |  |  |  |  |  |  |  |  |  |  |  |
| DLOR                    | 100.00000 %                 |  |  |  |  |  |  |  |  |  |  |  |
| UFF                     | 0.00000 %                   |  |  |  |  |  |  |  |  |  |  |  |
| DFF                     | 100.00000 %                 |  |  |  |  |  |  |  |  |  |  |  |
| FFR                     | 0.00000 %                   |  |  |  |  |  |  |  |  |  |  |  |



|             |        |         |           |          |
|-------------|--------|---------|-----------|----------|
| Flujo Zonal |        |         |           |          |
| Gamma °     | Flujo  | Suma lm | Flujo [%] | Suma [%] |
| 0°          | 0.00   | 0.00    | 0.00%     | 0.00 %   |
| 5°          | 100.77 | 100.77  | 10.08 %   | 10.08 %  |
| 10°         | 196.34 | 297.11  | 19.63 %   | 29.71 %  |
| 15°         | 159.31 | 456.42  | 15.93 %   | 45.64 %  |
| 20°         | 108.43 | 564.86  | 10.84 %   | 56.49 %  |
| 25°         | 93.29  | 658.15  | 9.33 %    | 65.81 %  |
| 30°         | 96.21  | 754.36  | 9.62 %    | 75.44 %  |
| 35°         | 99.25  | 853.60  | 9.92 %    | 85.36 %  |
| 40°         | 79.02  | 932.63  | 7.90 %    | 93.26 %  |
| 45°         | 35.64  | 968.26  | 3.56 %    | 96.83 %  |
| 50°         | 13.46  | 981.73  | 1.35 %    | 98.17 %  |
| 55°         | 8.37   | 990.10  | 0.84 %    | 99.01 %  |
| 60°         | 3.61   | 993.70  | 0.36 %    | 99.37 %  |
| 65°         | 1.78   | 995.48  | 0.18 %    | 99.55 %  |
| 70°         | 1.40   | 996.88  | 0.14 %    | 99.69 %  |
| 75°         | 1.18   | 998.06  | 0.12 %    | 99.81 %  |
| 80°         | 0.98   | 999.04  | 0.10 %    | 99.90 %  |
| 85°         | 0.68   | 999.72  | 0.07 %    | 99.97 %  |
| 90°         | 0.28   | 1000.00 | 0.03 %    | 100.00 % |
| 95°         | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 100°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 105°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 110°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 115°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 120°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 125°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 130°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 135°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 140°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 145°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 150°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 155°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 160°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 165°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 170°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 175°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |
| 180°        | 0.00   | 1000.00 | 0.00 %    | 100.00 % |

## Luminaria

Código AU12-11W9S3DS60

Nombre MULTIDIR

## Ensayo

Código AU12-11W9S3DS60

Nombre MULTIDIR

|                  |            |                    |                |          |               |                  |         |
|------------------|------------|--------------------|----------------|----------|---------------|------------------|---------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia       | 100.00% |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG Rotosimétrico |         |

## Utilización CIE

| Montaje | Directo |      |      |      | Normalización |      |      | 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    | 166     | 149  | 97   | 88   | 142           | 84   | 95   | 81           | 53   | 45   | 33            | 25   | 18   | 12   | 42   | 26   | 23   | 14   | 12   | 22   | 12   | 11   | 0            |  |  |  |  |  |
| 0.80    | 199     | 182  | 105  | 97   | 173           | 92   | 124  | 109          | 63   | 55   | 41            | 33   | 25   | 18   | 52   | 34   | 31   | 21   | 18   | 29   | 18   | 16   | 0            |  |  |  |  |  |
| 1.00    | 221     | 206  | 106  | 99   | 196           | 95   | 148  | 132          | 68   | 61   | 48            | 39   | 32   | 25   | 57   | 41   | 37   | 28   | 24   | 35   | 24   | 22   | 0            |  |  |  |  |  |
| 1.25    | 244     | 230  | 107  | 101  | 219           | 97   | 173  | 158          | 73   | 67   | 55            | 46   | 40   | 32   | 63   | 47   | 44   | 35   | 30   | 42   | 31   | 28   | 0            |  |  |  |  |  |
| 1.50    | 261     | 248  | 107  | 102  | 236           | 98   | 194  | 178          | 77   | 71   | 60            | 52   | 46   | 38   | 67   | 53   | 50   | 41   | 36   | 47   | 37   | 34   | 0            |  |  |  |  |  |
| 2.00    | 284     | 273  | 103  | 100  | 261           | 97   | 225  | 210          | 81   | 76   | 67            | 61   | 56   | 48   | 72   | 61   | 58   | 51   | 46   | 55   | 47   | 43   | 0            |  |  |  |  |  |
| 2.50    | 300     | 290  | 101  | 98   | 277           | 95   | 247  | 233          | 83   | 79   | 73            | 67   | 64   | 56   | 75   | 67   | 64   | 59   | 54   | 61   | 54   | 51   | 0            |  |  |  |  |  |
| 3.00    | 311     | 303  | 99   | 97   | 289           | 94   | 263  | 251          | 85   | 81   | 77            | 71   | 69   | 63   | 78   | 71   | 68   | 65   | 60   | 66   | 60   | 57   | 0            |  |  |  |  |  |
| 4.00    | 328     | 321  | 99   | 97   | 307           | 95   | 287  | 276          | 88   | 86   | 83            | 78   | 77   | 71   | 82   | 77   | 75   | 73   | 69   | 73   | 69   | 65   | 0            |  |  |  |  |  |
| 5.00    | 339     | 333  | 99   | 97   | 319           | 95   | 302  | 293          | 91   | 89   | 86            | 83   | 83   | 77   | 85   | 82   | 80   | 78   | 75   | 77   | 74   | 71   | 0            |  |  |  |  |  |
| 10.00   | 362     | 359  | 99   | 99   | 345           | 97   | 337  | 332          | 96   | 95   | 95            | 93   | 95   | 91   | 92   | 92   | 91   | 91   | 89   | 88   | 88   | 85   | 0            |  |  |  |  |  |
| 20.00   | 376     | 374  | 100  | 100  | 360           | 99   | 357  | 354          | 100  | 99   | 100           | 99   | 101  | 100  | 96   | 97   | 97   | 98   | 97   | 94   | 95   | 93   | 0            |  |  |  |  |  |

## 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  | 294  | 285  | 207  | 203  | 280  | 200  | 221  | 214  | 161  | 158  | 135  | 132  | 117  | 115  | 156  | 133  | 132  | 115  | 114  | 131  | 114  | 114  | 91   |
| 0.80  | 327  | 317  | 220  | 215  | 310  | 212  | 252  | 244  | 177  | 173  | 152  | 148  | 133  | 130  | 170  | 148  | 146  | 131  | 129  | 145  | 129  | 128  | 102  |
| 1.00  | 342  | 332  | 217  | 213  | 322  | 209  | 269  | 260  | 179  | 175  | 156  | 152  | 138  | 135  | 171  | 151  | 150  | 136  | 134  | 148  | 133  | 132  | 102  |
| 1.25  | 358  | 348  | 216  | 212  | 336  | 208  | 287  | 277  | 182  | 178  | 161  | 157  | 145  | 141  | 173  | 156  | 154  | 141  | 139  | 152  | 138  | 136  | 103  |
| 1.50  | 368  | 359  | 213  | 210  | 345  | 205  | 300  | 289  | 183  | 179  | 164  | 159  | 149  | 145  | 174  | 158  | 156  | 145  | 142  | 153  | 141  | 138  | 103  |
| 2.00  | 369  | 360  | 193  | 191  | 344  | 186  | 306  | 296  | 169  | 166  | 155  | 150  | 143  | 138  | 160  | 148  | 146  | 137  | 135  | 142  | 133  | 129  | 90   |
| 2.50  | 363  | 355  | 173  | 171  | 336  | 166  | 305  | 295  | 154  | 151  | 143  | 138  | 133  | 128  | 144  | 135  | 133  | 126  | 124  | 128  | 121  | 116  | 75   |
| 3.00  | 352  | 345  | 153  | 151  | 325  | 146  | 298  | 289  | 136  | 134  | 128  | 124  | 120  | 115  | 126  | 119  | 118  | 113  | 110  | 112  | 107  | 101  | 58   |
| 4.00  | 346  | 341  | 134  | 133  | 318  | 128  | 297  | 289  | 121  | 119  | 115  | 111  | 109  | 104  | 110  | 105  | 104  | 101  | 98   | 97   | 93   | 87   | 41   |
| 5.00  | 339  | 334  | 118  | 117  | 310  | 112  | 292  | 285  | 107  | 105  | 102  | 99   | 98   | 94   | 96   | 93   | 91   | 89   | 87   | 84   | 81   | 74   | 27   |
| 10.00 | 284  | 281  | 46   | 45   | 254  | 40   | 246  | 241  | 39   | 38   | 38   | 36   | 37   | 34   | 27   | 27   | 26   | 26   | 25   | 17   | 17   | 7    | 0    |
| 20.00 | 177  | 175  | 0    | 0    | 146  | 0    | 143  | 140  | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |

## 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  | 882  | 873  | 823  | 818  | 867  | 815  | 794  | 788  | 765  | 761  | 731  | 728  | 707  | 705  | 759  | 728  | 727  | 706  | 705  | 726  | 705  | 704  | 695  |
| 0.80  | 950  | 939  | 875  | 870  | 930  | 865  | 858  | 849  | 819  | 814  | 785  | 781  | 760  | 757  | 810  | 781  | 779  | 758  | 756  | 777  | 756  | 754  | 745  |
| 1.00  | 1000 | 997  | 920  | 914  | 984  | 909  | 917  | 906  | 868  | 863  | 837  | 832  | 813  | 809  | 857  | 831  | 829  | 809  | 807  | 826  | 806  | 804  | 796  |
| 1.25  | 1000 | 1000 | 953  | 949  | 1000 | 942  | 967  | 955  | 906  | 901  | 878  | 872  | 855  | 850  | 894  | 870  | 868  | 850  | 847  | 864  | 846  | 843  | 834  |
| 1.50  | 1000 | 1000 | 977  | 972  | 1000 | 965  | 1000 | 992  | 933  | 928  | 908  | 901  | 887  | 880  | 920  | 898  | 896  | 880  | 877  | 891  | 875  | 870  | 862  |
| 2.00  | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 977  | 972  | 957  | 950  | 940  | 933  | 962  | 945  | 943  | 931  | 927  | 936  | 924  | 917  | 910  |
| 2.50  | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 988  | 982  | 975  | 968  | 988  | 976  | 973  | 964  | 960  | 965  | 955  | 947  | 940  |
| 3.00  | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 993  | 1000 | 997  | 994  | 988  | 984  | 985  | 978  | 968  |
| 4.00  | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 998  | 986  | 979  |
| 5.00  | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 997  | 989  |
| 10.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| 20.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

LM53 SHR C0-C180: 0.299 SHR C90-C270: 0.299 SHR Superficial: 0.321

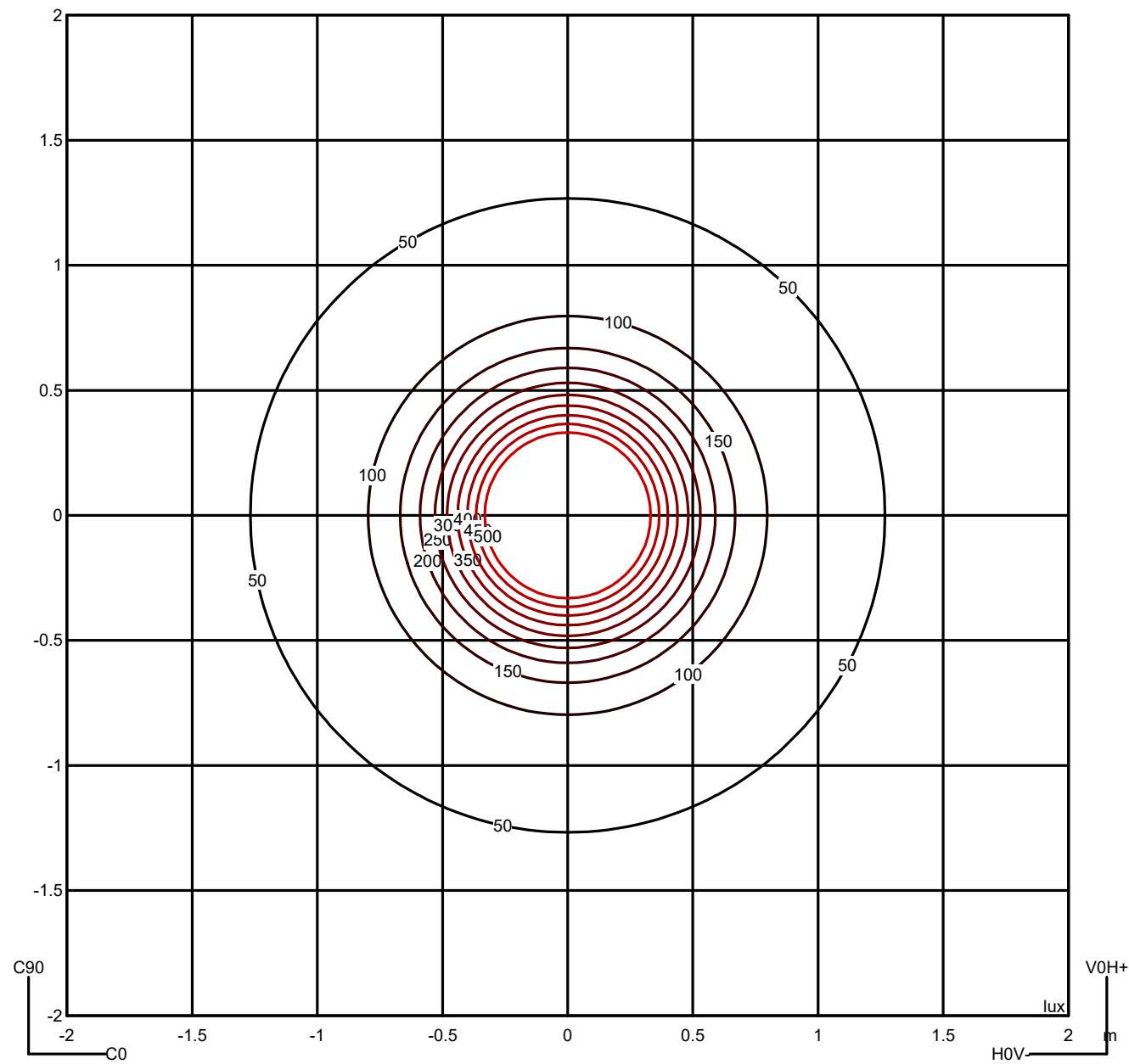


**Luminaria**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR  
**Ensayo**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                  |            |                    |                |          |               |            |               |
|------------------|------------|--------------------|----------------|----------|---------------|------------|---------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia | 100.00%       |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG         | Rotosimétrico |

Isolux (Suelo)

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

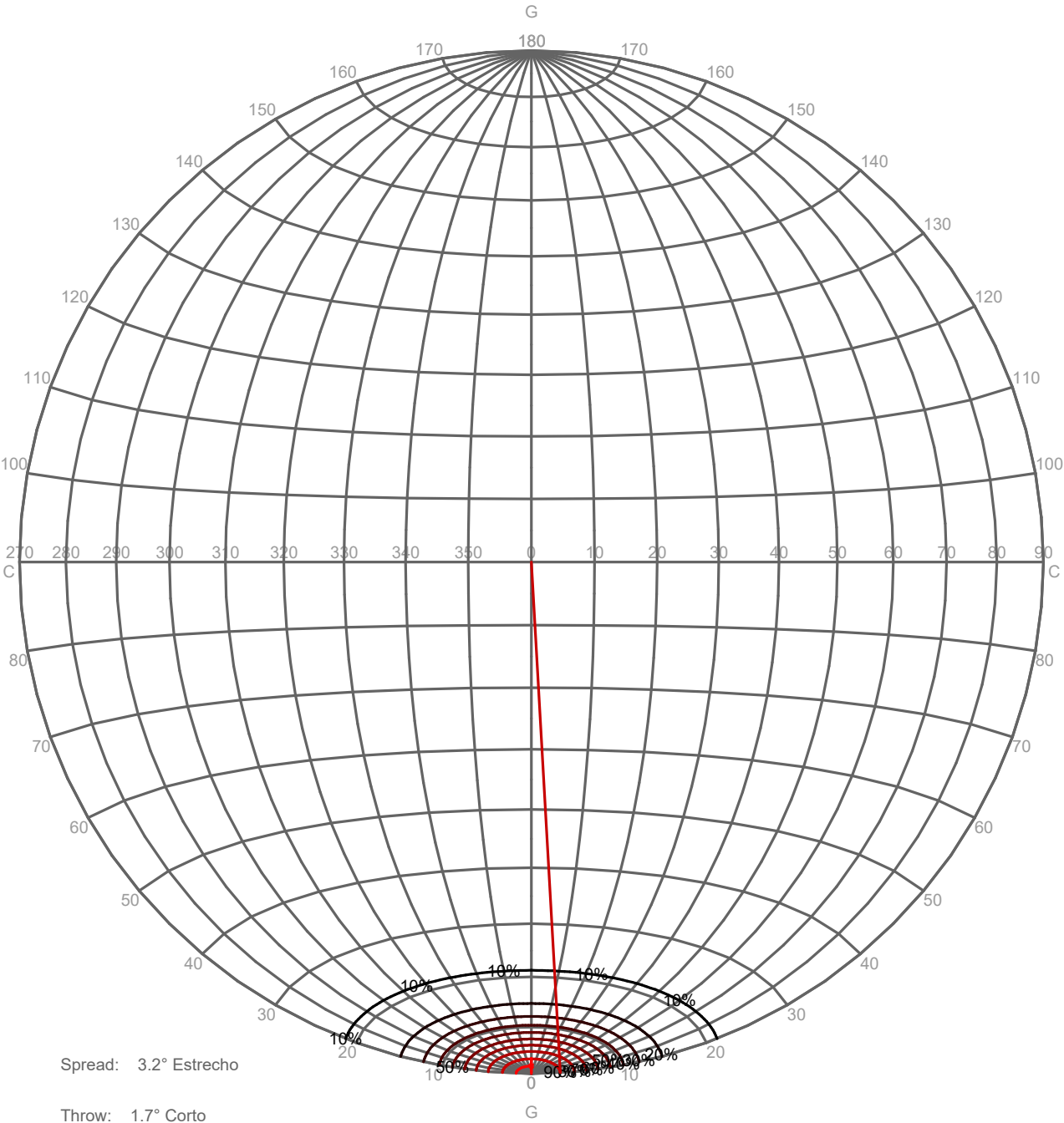


**Luminaria**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR  
**Ensayo**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                  |            |                    |                |          |               |            |               |
|------------------|------------|--------------------|----------------|----------|---------------|------------|---------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia | 100.00%       |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG         | Rotosimétrico |

PORCENTAJE ISOCANDELAS

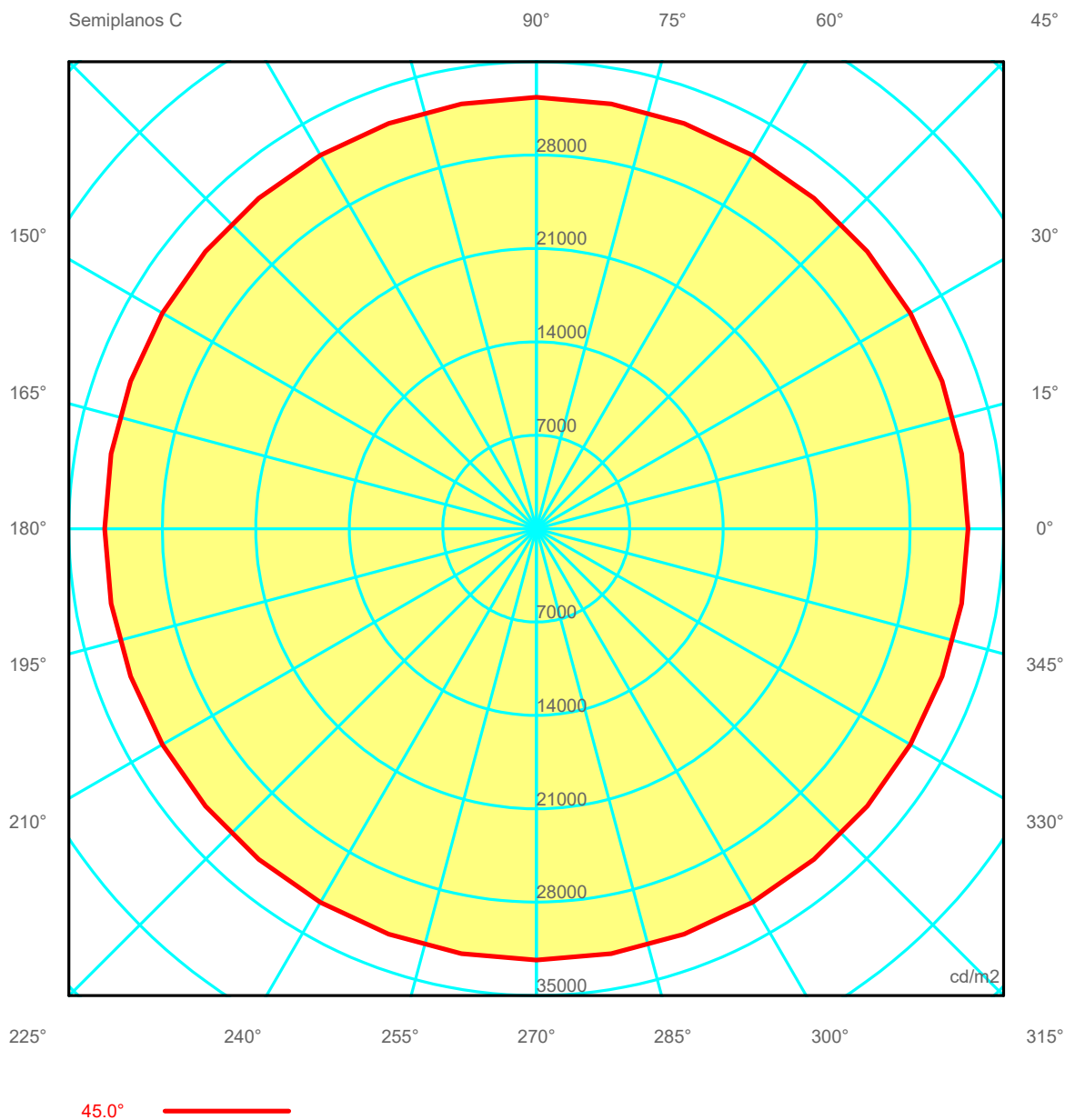
Proyección: Equivalente    SLI 9.8 Concentrado    Ángulo de Inclinación:0°



**Luminaria**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR  
**Ensayo**  
Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                  |            |                    |                |          |               |            |               |
|------------------|------------|--------------------|----------------|----------|---------------|------------|---------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia | 100.00%       |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG         | Rotosimétrico |

Luminancia



**Luminaria**

Código AU12-11W9S3DS60

Nombre MULTIDIR

**Ensayo**

Código AU12-11W9S3DS60

Nombre MULTIDIR

|                                                                                               |            |            |                    |            |                |            |            |            |               |            |            |            |               |            |
|-----------------------------------------------------------------------------------------------|------------|------------|--------------------|------------|----------------|------------|------------|------------|---------------|------------|------------|------------|---------------|------------|
| Flujo Luminaria                                                                               | 1144.06 lm |            | Potencia luminaria |            | 10.70 W        |            | Eficacia   |            | 106.92 lm/W   |            | Eficiencia |            | 100.00%       |            |
| Flujo de Lámpara                                                                              | 1144.06 lm |            | Valor Máximo       |            | 4730.24 cd/klm |            | Posición   |            | C=0.00 G=0.00 |            | CG         |            | Rotosimétrico |            |
| Luminance cd/m2                                                                               |            |            |                    |            |                |            |            |            |               |            |            |            |               | Tabla 1/3  |
| C 0.00C 10.00C 20.00C 30.00C 40.00C 50.00C 60.00C 70.00C 80.00C 90.00C 100.00C 110.00C 120.00 |            |            |                    |            |                |            |            |            |               |            |            |            |               |            |
| G 0.0                                                                                         | 2197180.04 | 2197180.04 | 2197180.04         | 2197180.04 | 2197180.04     | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04    | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04    | 2197180.04 |
| G 5.0                                                                                         | 1738846.17 | 1738846.17 | 1738846.17         | 1738846.17 | 1738846.17     | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17    | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17    | 1738846.17 |
| G 10.0                                                                                        | 937967.13  | 937967.13  | 937967.13          | 937967.13  | 937967.13      | 937967.13  | 937967.13  | 937967.13  | 937967.13     | 937967.13  | 937967.13  | 937967.13  | 937967.13     | 937967.13  |
| G 15.0                                                                                        | 434723.55  | 434723.55  | 434723.55          | 434723.55  | 434723.55      | 434723.55  | 434723.55  | 434723.55  | 434723.55     | 434723.55  | 434723.55  | 434723.55  | 434723.55     | 434723.55  |
| G 20.0                                                                                        | 252055.05  | 252055.05  | 252055.05          | 252055.05  | 252055.05      | 252055.05  | 252055.05  | 252055.05  | 252055.05     | 252055.05  | 252055.05  | 252055.05  | 252055.05     | 252055.05  |
| G 25.0                                                                                        | 206618.07  | 206618.07  | 206618.07          | 206618.07  | 206618.07      | 206618.07  | 206618.07  | 206618.07  | 206618.07     | 206618.07  | 206618.07  | 206618.07  | 206618.07     | 206618.07  |
| G 30.0                                                                                        | 193918.68  | 193918.68  | 193918.68          | 193918.68  | 193918.68      | 193918.68  | 193918.68  | 193918.68  | 193918.68     | 193918.68  | 193918.68  | 193918.68  | 193918.68     | 193918.68  |
| G 35.0                                                                                        | 171665.06  | 171665.06  | 171665.06          | 171665.06  | 171665.06      | 171665.06  | 171665.06  | 171665.06  | 171665.06     | 171665.06  | 171665.06  | 171665.06  | 171665.06     | 171665.06  |
| G 40.0                                                                                        | 98348.51   | 98348.51   | 98348.51           | 98348.51   | 98348.51       | 98348.51   | 98348.51   | 98348.51   | 98348.51      | 98348.51   | 98348.51   | 98348.51   | 98348.51      | 98348.51   |
| G 45.0                                                                                        | 32338.61   | 32338.61   | 32338.61           | 32338.61   | 32338.61       | 32338.61   | 32338.61   | 32338.61   | 32338.61      | 32338.61   | 32338.61   | 32338.61   | 32338.61      | 32338.61   |
| G 50.0                                                                                        | 18651.57   | 18651.57   | 18651.57           | 18651.57   | 18651.57       | 18651.57   | 18651.57   | 18651.57   | 18651.57      | 18651.57   | 18651.57   | 18651.57   | 18651.57      | 18651.57   |
| G 55.0                                                                                        | 10278.26   | 10278.26   | 10278.26           | 10278.26   | 10278.26       | 10278.26   | 10278.26   | 10278.26   | 10278.26      | 10278.26   | 10278.26   | 10278.26   | 10278.26      | 10278.26   |
| G 60.0                                                                                        | 4303.00    | 4303.00    | 4303.00            | 4303.00    | 4303.00        | 4303.00    | 4303.00    | 4303.00    | 4303.00       | 4303.00    | 4303.00    | 4303.00    | 4303.00       | 4303.00    |
| G 65.0                                                                                        | 3376.81    | 3376.81    | 3376.81            | 3376.81    | 3376.81        | 3376.81    | 3376.81    | 3376.81    | 3376.81       | 3376.81    | 3376.81    | 3376.81    | 3376.81       | 3376.81    |
| G 70.0                                                                                        | 3380.60    | 3380.60    | 3380.60            | 3380.60    | 3380.60        | 3380.60    | 3380.60    | 3380.60    | 3380.60       | 3380.60    | 3380.60    | 3380.60    | 3380.60       | 3380.60    |
| G 75.0                                                                                        | 3681.78    | 3681.78    | 3681.78            | 3681.78    | 3681.78        | 3681.78    | 3681.78    | 3681.78    | 3681.78       | 3681.78    | 3681.78    | 3681.78    | 3681.78       | 3681.78    |
| G 80.0                                                                                        | 4220.43    | 4220.43    | 4220.43            | 4220.43    | 4220.43        | 4220.43    | 4220.43    | 4220.43    | 4220.43       | 4220.43    | 4220.43    | 4220.43    | 4220.43       | 4220.43    |
| G 85.0                                                                                        | 4585.72    | 4585.72    | 4585.72            | 4585.72    | 4585.72        | 4585.72    | 4585.72    | 4585.72    | 4585.72       | 4585.72    | 4585.72    | 4585.72    | 4585.72       | 4585.72    |
| G 90.0                                                                                        | 0.00       | 0.00       | 0.00               | 0.00       | 0.00           | 0.00       | 0.00       | 0.00       | 0.00          | 0.00       | 0.00       | 0.00       | 0.00          | 0.00       |

**Luminaria**

Código AU12-11W9S3DS60

Nombre MULTIDIR

**Ensayo**

Código AU12-11W9S3DS60

Nombre MULTIDIR

|                  |            |                    |                |            |               |                  |            |            |            |            |            |            |            |
|------------------|------------|--------------------|----------------|------------|---------------|------------------|------------|------------|------------|------------|------------|------------|------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia   | 106.92 lm/W   | Eficiencia       | 100.00%    |            |            |            |            |            |            |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición   | C=0.00 G=0.00 | CG Rotosimétrico |            |            |            |            |            |            |            |
| Luminance cd/m2  |            |                    |                | Tabla 2/3  |               |                  |            |            |            |            |            |            |            |
| C 130.00         |            | C 140.00           | C 150.00       | C 160.00   | C 170.00      | C 180.00         | C 190.00   | C 200.00   | C 210.00   | C 220.00   | C 230.00   | C 240.00   | C 250.00   |
| G 0.0            | 2197180.04 | 2197180.04         | 2197180.04     | 2197180.04 | 2197180.04    | 2197180.04       | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 |
| G 5.0            | 1738846.17 | 1738846.17         | 1738846.17     | 1738846.17 | 1738846.17    | 1738846.17       | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 |
| G 10.0           | 937967.13  | 937967.13          | 937967.13      | 937967.13  | 937967.13     | 937967.13        | 937967.13  | 937967.13  | 937967.13  | 937967.13  | 937967.13  | 937967.13  | 937967.13  |
| G 15.0           | 434723.55  | 434723.55          | 434723.55      | 434723.55  | 434723.55     | 434723.55        | 434723.55  | 434723.55  | 434723.55  | 434723.55  | 434723.55  | 434723.55  | 434723.55  |
| G 20.0           | 252055.05  | 252055.05          | 252055.05      | 252055.05  | 252055.05     | 252055.05        | 252055.05  | 252055.05  | 252055.05  | 252055.05  | 252055.05  | 252055.05  | 252055.05  |
| G 25.0           | 206618.07  | 206618.07          | 206618.07      | 206618.07  | 206618.07     | 206618.07        | 206618.07  | 206618.07  | 206618.07  | 206618.07  | 206618.07  | 206618.07  | 206618.07  |
| G 30.0           | 193918.68  | 193918.68          | 193918.68      | 193918.68  | 193918.68     | 193918.68        | 193918.68  | 193918.68  | 193918.68  | 193918.68  | 193918.68  | 193918.68  | 193918.68  |
| G 35.0           | 171665.06  | 171665.06          | 171665.06      | 171665.06  | 171665.06     | 171665.06        | 171665.06  | 171665.06  | 171665.06  | 171665.06  | 171665.06  | 171665.06  | 171665.06  |
| G 40.0           | 98348.51   | 98348.51           | 98348.51       | 98348.51   | 98348.51      | 98348.51         | 98348.51   | 98348.51   | 98348.51   | 98348.51   | 98348.51   | 98348.51   | 98348.51   |
| G 45.0           | 32338.61   | 32338.61           | 32338.61       | 32338.61   | 32338.61      | 32338.61         | 32338.61   | 32338.61   | 32338.61   | 32338.61   | 32338.61   | 32338.61   | 32338.61   |
| G 50.0           | 18651.57   | 18651.57           | 18651.57       | 18651.57   | 18651.57      | 18651.57         | 18651.57   | 18651.57   | 18651.57   | 18651.57   | 18651.57   | 18651.57   | 18651.57   |
| G 55.0           | 10278.26   | 10278.26           | 10278.26       | 10278.26   | 10278.26      | 10278.26         | 10278.26   | 10278.26   | 10278.26   | 10278.26   | 10278.26   | 10278.26   | 10278.26   |
| G 60.0           | 4303.00    | 4303.00            | 4303.00        | 4303.00    | 4303.00       | 4303.00          | 4303.00    | 4303.00    | 4303.00    | 4303.00    | 4303.00    | 4303.00    | 4303.00    |
| G 65.0           | 3376.81    | 3376.81            | 3376.81        | 3376.81    | 3376.81       | 3376.81          | 3376.81    | 3376.81    | 3376.81    | 3376.81    | 3376.81    | 3376.81    | 3376.81    |
| G 70.0           | 3380.60    | 3380.60            | 3380.60        | 3380.60    | 3380.60       | 3380.60          | 3380.60    | 3380.60    | 3380.60    | 3380.60    | 3380.60    | 3380.60    | 3380.60    |
| G 75.0           | 3681.78    | 3681.78            | 3681.78        | 3681.78    | 3681.78       | 3681.78          | 3681.78    | 3681.78    | 3681.78    | 3681.78    | 3681.78    | 3681.78    | 3681.78    |
| G 80.0           | 4220.43    | 4220.43            | 4220.43        | 4220.43    | 4220.43       | 4220.43          | 4220.43    | 4220.43    | 4220.43    | 4220.43    | 4220.43    | 4220.43    | 4220.43    |
| G 85.0           | 4585.72    | 4585.72            | 4585.72        | 4585.72    | 4585.72       | 4585.72          | 4585.72    | 4585.72    | 4585.72    | 4585.72    | 4585.72    | 4585.72    | 4585.72    |
| G 90.0           | 0.00       | 0.00               | 0.00           | 0.00       | 0.00          | 0.00             | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |

## Luminaria

Código AU12-11W9S3DS60  
Nombre MULTIDIR

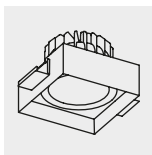
## Ensayo

Código AU12-11W9S3DS60  
Nombre MULTIDIR

|                  |            |                    |                |          |               |            |               |
|------------------|------------|--------------------|----------------|----------|---------------|------------|---------------|
| Flujo Luminaria  | 1144.06 lm | Potencia luminaria | 10.70 W        | Eficacia | 106.92 lm/W   | Eficiencia | 100.00%       |
| Flujo de Lámpara | 1144.06 lm | Valor Máximo       | 4730.24 cd/klm | Posición | C=0.00 G=0.00 | CG         | Rotosimétrico |

Luminance cd/m2 Tabla 3/3

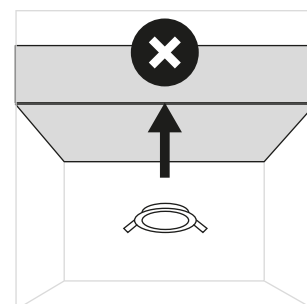
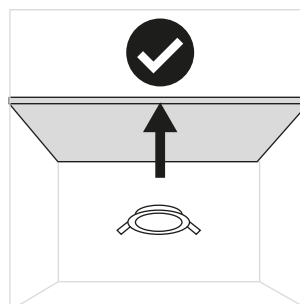
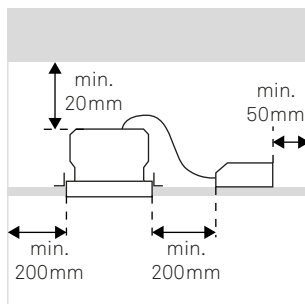
|        | C 260.00   | C 270.00   | C 280.00   | C 290.00   | C 300.00   | C 310.00   | C 320.00   | C 330.00   | C 340.00   | C 350.00   |
|--------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| G 0.0  | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 | 2197180.04 |
| G 5.0  | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 | 1738846.17 |
| G 10.0 | 937967.13  | 937967.13  | 937967.13  | 937967.13  | 937967.13  | 937967.13  | 937967.13  | 937967.13  | 937967.13  | 937967.13  |
| G 15.0 | 434723.55  | 434723.55  | 434723.55  | 434723.55  | 434723.55  | 434723.55  | 434723.55  | 434723.55  | 434723.55  | 434723.55  |
| G 20.0 | 252055.05  | 252055.05  | 252055.05  | 252055.05  | 252055.05  | 252055.05  | 252055.05  | 252055.05  | 252055.05  | 252055.05  |
| G 25.0 | 206618.07  | 206618.07  | 206618.07  | 206618.07  | 206618.07  | 206618.07  | 206618.07  | 206618.07  | 206618.07  | 206618.07  |
| G 30.0 | 193918.68  | 193918.68  | 193918.68  | 193918.68  | 193918.68  | 193918.68  | 193918.68  | 193918.68  | 193918.68  | 193918.68  |
| G 35.0 | 171665.06  | 171665.06  | 171665.06  | 171665.06  | 171665.06  | 171665.06  | 171665.06  | 171665.06  | 171665.06  | 171665.06  |
| G 40.0 | 98348.51   | 98348.51   | 98348.51   | 98348.51   | 98348.51   | 98348.51   | 98348.51   | 98348.51   | 98348.51   | 98348.51   |
| G 45.0 | 32338.61   | 32338.61   | 32338.61   | 32338.61   | 32338.61   | 32338.61   | 32338.61   | 32338.61   | 32338.61   | 32338.61   |
| G 50.0 | 18651.57   | 18651.57   | 18651.57   | 18651.57   | 18651.57   | 18651.57   | 18651.57   | 18651.57   | 18651.57   | 18651.57   |
| G 55.0 | 10278.26   | 10278.26   | 10278.26   | 10278.26   | 10278.26   | 10278.26   | 10278.26   | 10278.26   | 10278.26   | 10278.26   |
| G 60.0 | 4303.00    | 4303.00    | 4303.00    | 4303.00    | 4303.00    | 4303.00    | 4303.00    | 4303.00    | 4303.00    | 4303.00    |
| G 65.0 | 3376.81    | 3376.81    | 3376.81    | 3376.81    | 3376.81    | 3376.81    | 3376.81    | 3376.81    | 3376.81    | 3376.81    |
| G 70.0 | 3380.60    | 3380.60    | 3380.60    | 3380.60    | 3380.60    | 3380.60    | 3380.60    | 3380.60    | 3380.60    | 3380.60    |
| G 75.0 | 3681.78    | 3681.78    | 3681.78    | 3681.78    | 3681.78    | 3681.78    | 3681.78    | 3681.78    | 3681.78    | 3681.78    |
| G 80.0 | 4220.43    | 4220.43    | 4220.43    | 4220.43    | 4220.43    | 4220.43    | 4220.43    | 4220.43    | 4220.43    | 4220.43    |
| G 85.0 | 4585.72    | 4585.72    | 4585.72    | 4585.72    | 4585.72    | 4585.72    | 4585.72    | 4585.72    | 4585.72    | 4585.72    |
| G 90.0 | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       |



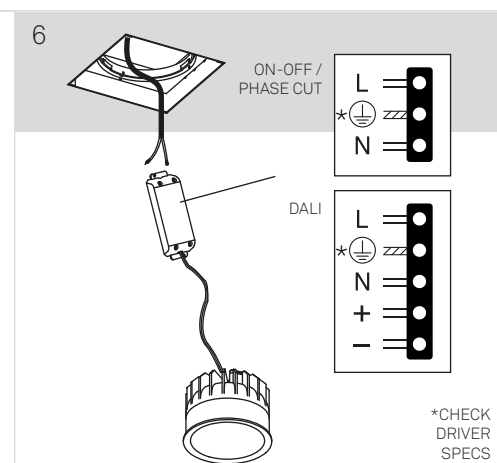
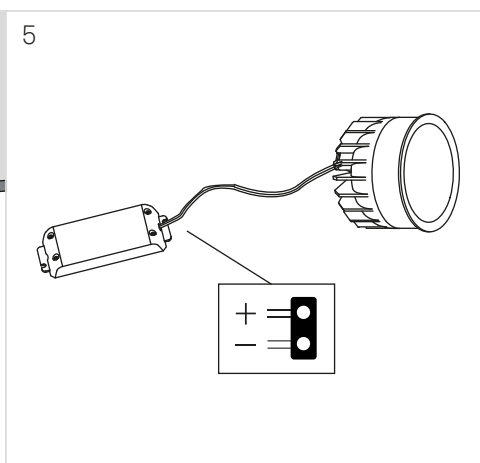
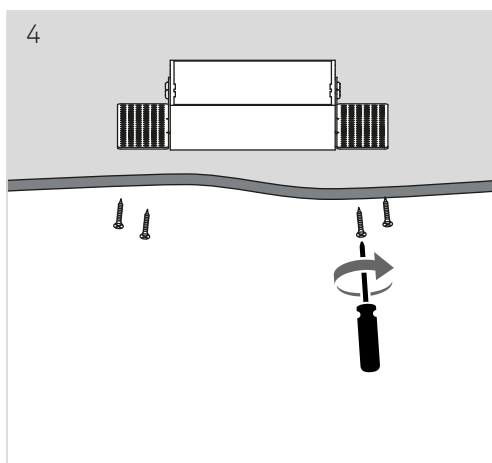
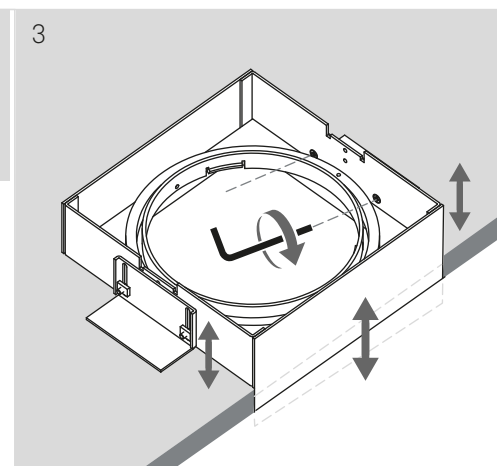
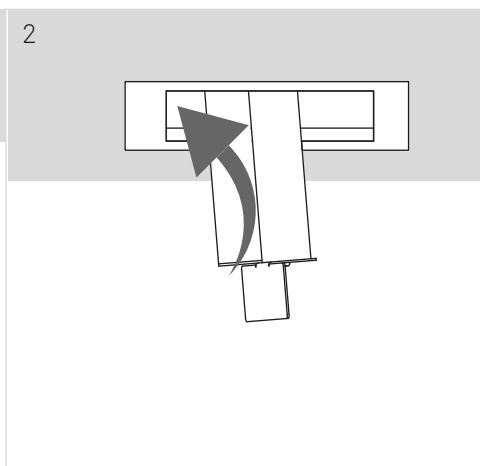
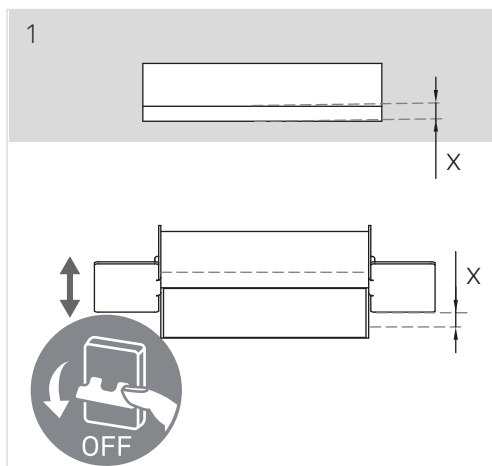
# MULTIDIR EVO

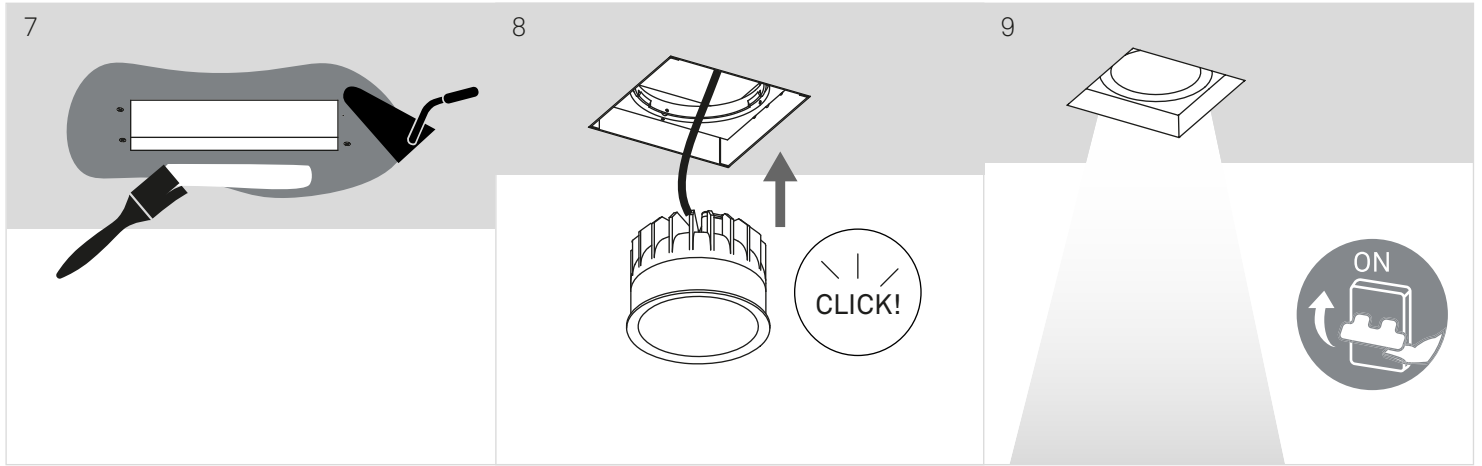
TRIMLESS

LedsC4



|                                                                                   |                                                                                                     |                                                                                                        |                                                                                                       |                                                                                                        |
|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|
|                                                                                   | <br>83   100   100 | <br>116   150   150 | <br>83   200   100 | <br>116   303   150 |
|  | 108x108                                                                                             | 156x156                                                                                                | 206x108                                                                                               | 300x156                                                                                                |





GU10

