## Luminaria

| | |
|---|---|
| Código | A676-301-50-3CCT |
| Nombre | Aura Plus |
| Familia | |

## Ensayo

| | |
|---|---|
| Código | CL041A26F004G |
| Nombre | Aura Plus |

## Datos Fuente de luz

| | | | | | |
|---|---|---|---|---|---|
| Código | LED | Temp. de Color Correlacionada (TCP) | 0K | Cant. | 1 |
| Nombre | LED | Índice repr. Cromática (CRI) | 0 | | |
| Familia | | | | | |

## Datos del Ensayo

| | | | |
|---|---|---|---|
| Sist. de Coorden. | CG | Tipo de Simetría | Bisimétrico |
| Fecha | 19-10-2026 | Máximo Ángulo Gamma | 180° |
| Distancia de Ensayo | 6.49m | Flujo de Ensayo | 342.3 lm |
| Máximo | 273.42 cd/klm | Posición | C=0.0° G=25.0° |

## Parám. Eléctricos

| | Canal 1 | | Canal 2 |
|---|---|---|---|
| Tensión | 230.37 V | Tensión | 0.00 V |
| Corriente | 0.04 A | Corriente | 0.00 A |
| Potencia | 8.69 W | Potencia | 0.00 W |
| Frecuencia | 0 Hz | Frecuencia | 0 Hz |
| Factor de Potencia | 0.96 | Factor de Potencia | 0.00 |

## Parámetros Ambientales

| | | | |
|---|---|---|---|
| Temperatura | 25.0 °C | Velocidad del Aire | 0.0 m/s |
| Humedad | 54.3 % | | |

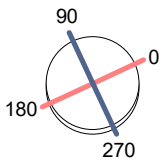
## Dim. de la Luminaria

| | | | | | |
|---|---|---|---|---|---|
| Luminaria Redonda | Diam. | 250 mm | Altura | 120 mm | |
| Área Luminosa Redonda | Diam. | 120 mm | Altura | 0 mm | |
| Área Luminosa Horizontal | 0.011310 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° | 0.002736 m2 | |

## Análisis Fotométrico

| | | | |
|---|---|---|---|
| Flujo Luminaria | 342.3 lm | Flujo Fuente | 342.3 lm |
| Eficacia | 39.379 lm/W | Eficiencia | 100.0 % |
| Códigos de Flujo C.I.E. | 41 75 96 97 100 | D DIN 5040 | A31 |
| F UTE | 0.97 E + 0.03 T | B NBN | BZ 5 |

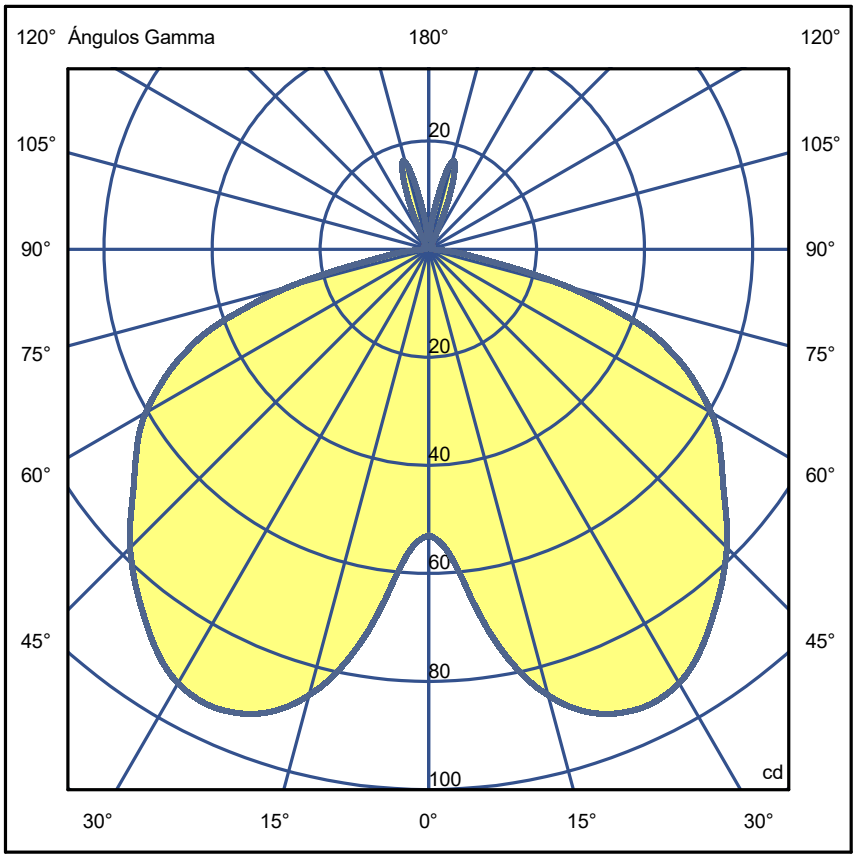
Diam=250mm







ULOR 3.17 %
DLOR 96.83 %
RN 3.17 %



**Luminaria**
Código A676-301-50-3CCT
Nombre Aura Plus
**Ensayo**
Código CL041A26F004G
Nombre Aura Plus

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 342 lm | Potencia Luminaria | 8.7 W | Eficacia | 39.379 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 342 lm | Valor Máximo | 93.59 cd | Posición | C=0.00 G=25.00 | CG | Bisimétrico |

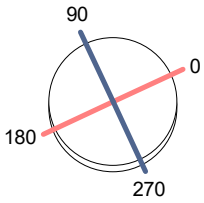
**Tabla de Intensidad Luminosa cd** **Tabla 1/1**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|---|---|---|---|---|---|---|---|
| G 0.0 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| G 2.5 | 54 | 54 | 54 | 54 | 54 | 54 | 54 |
| G 5.0 | 59 | 59 | 59 | 59 | 59 | 59 | 59 |
| G 7.5 | 67 | 67 | 67 | 67 | 67 | 67 | 67 |
| G 10.0 | 74 | 74 | 74 | 74 | 74 | 74 | 74 |
| G 12.5 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| G 15.0 | 85 | 85 | 85 | 85 | 85 | 85 | 85 |
| G 17.5 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| G 20.0 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| G 22.5 | 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| G 25.0 | 94 | 94 | 94 | 94 | 94 | 94 | 94 |
| G 27.5 | 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| G 30.0 | 93 | 93 | 93 | 93 | 93 | 93 | 93 |
| G 32.5 | 91 | 91 | 91 | 91 | 91 | 91 | 91 |
| G 35.0 | 89 | 89 | 89 | 89 | 89 | 89 | 89 |
| G 37.5 | 86 | 86 | 86 | 86 | 86 | 86 | 86 |
| G 40.0 | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| G 42.5 | 81 | 81 | 81 | 81 | 81 | 81 | 81 |
| G 45.0 | 78 | 78 | 78 | 78 | 78 | 78 | 78 |
| G 47.5 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| G 50.0 | 71 | 71 | 71 | 71 | 71 | 71 | 71 |
| G 52.5 | 69 | 69 | 69 | 69 | 69 | 69 | 69 |
| G 55.0 | 66 | 66 | 66 | 66 | 66 | 66 | 66 |
| G 57.5 | 63 | 63 | 63 | 63 | 63 | 63 | 63 |
| G 60.0 | 60 | 60 | 60 | 60 | 60 | 60 | 60 |
| G 62.5 | 57 | 57 | 57 | 57 | 57 | 57 | 57 |
| G 65.0 | 53 | 53 | 53 | 53 | 53 | 53 | 53 |
| G 67.5 | 48 | 48 | 48 | 48 | 48 | 48 | 48 |
| G 70.0 | 43 | 43 | 43 | 43 | 43 | 43 | 43 |
| G 72.5 | 35 | 35 | 35 | 35 | 35 | 35 | 35 |
| G 75.0 | 26 | 26 | 26 | 26 | 26 | 26 | 26 |
| G 77.5 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| G 80.0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| G 82.5 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| G 85.0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G 87.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G 90.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 92.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 95.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G 97.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G100.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| G102.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G105.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G107.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G110.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 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 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G145.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G147.5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G150.0 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| G152.5 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G155.0 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| G157.5 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| G160.0 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| G162.5 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| G165.0 | 17 | 17 | 17 | 17 | 17 | 17 | 17 |
| G167.5 | 14 | 14 | 14 | 14 | 14 | 14 | 14 |
| G170.0 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| G172.5 | 7 | 7 | 7 | 7 | 7 | 7 | 7 |
| G175.0 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| G177.5 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| G180.0 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |

**Luminaria**
Código A676-301-50-3CCT
Nombre Aura Plus
**Ensayo**
Código CL041A26F004G
Nombre Aura Plus

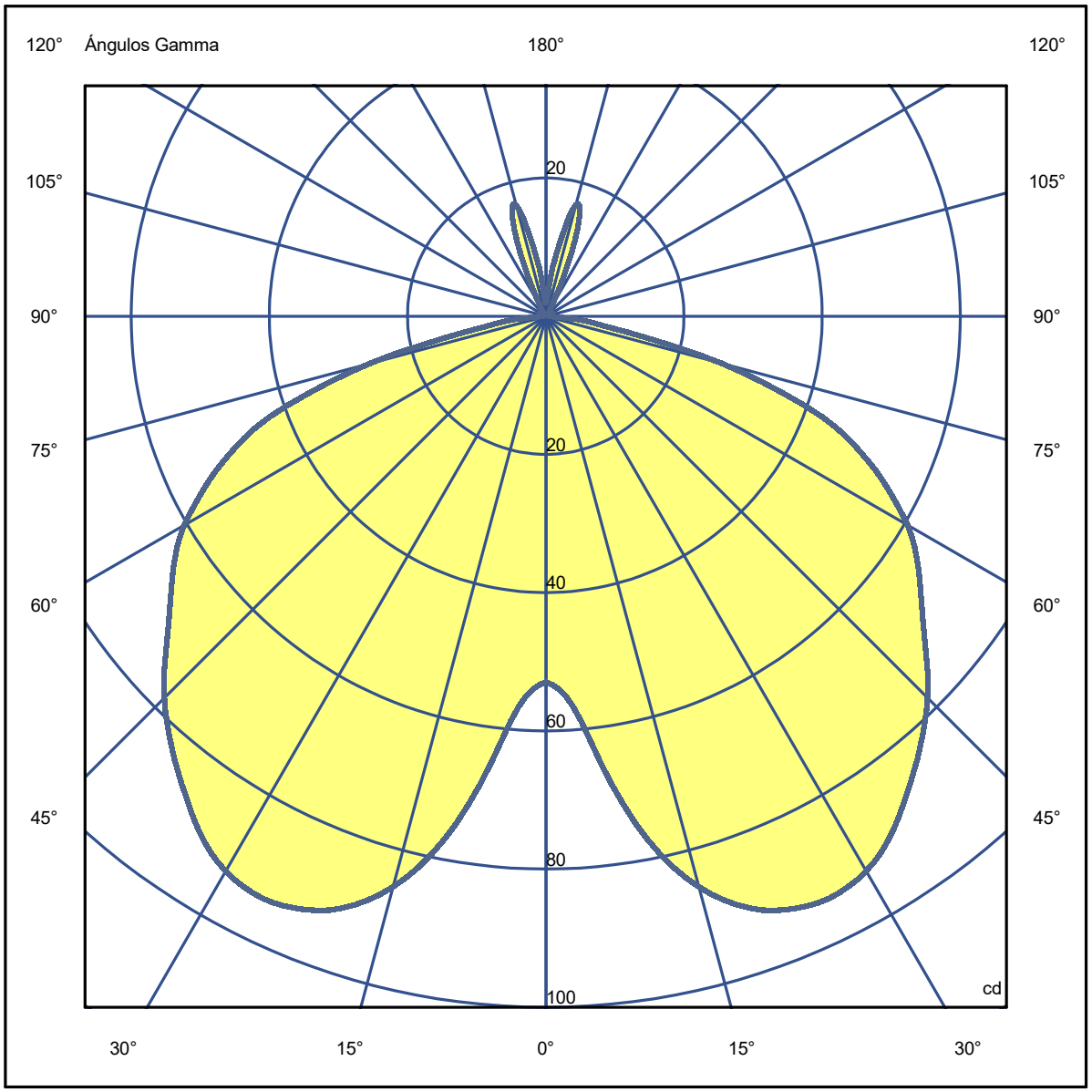
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 342 lm | Potencia Luminaria | 8.7 W | Eficacia | 39.379 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 342 lm | Valor Máximo | 93.59 cd | Posición | C=0.00 G=25.00 | CG | Bisimétrico |

Diam=250mm




Semiplanos C

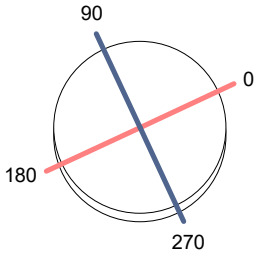


**Luminaria**
Código A676-301-50-3CCT
Nombre Aura Plus
**Ensayo**
Código CL041A26F004G
Nombre Aura Plus

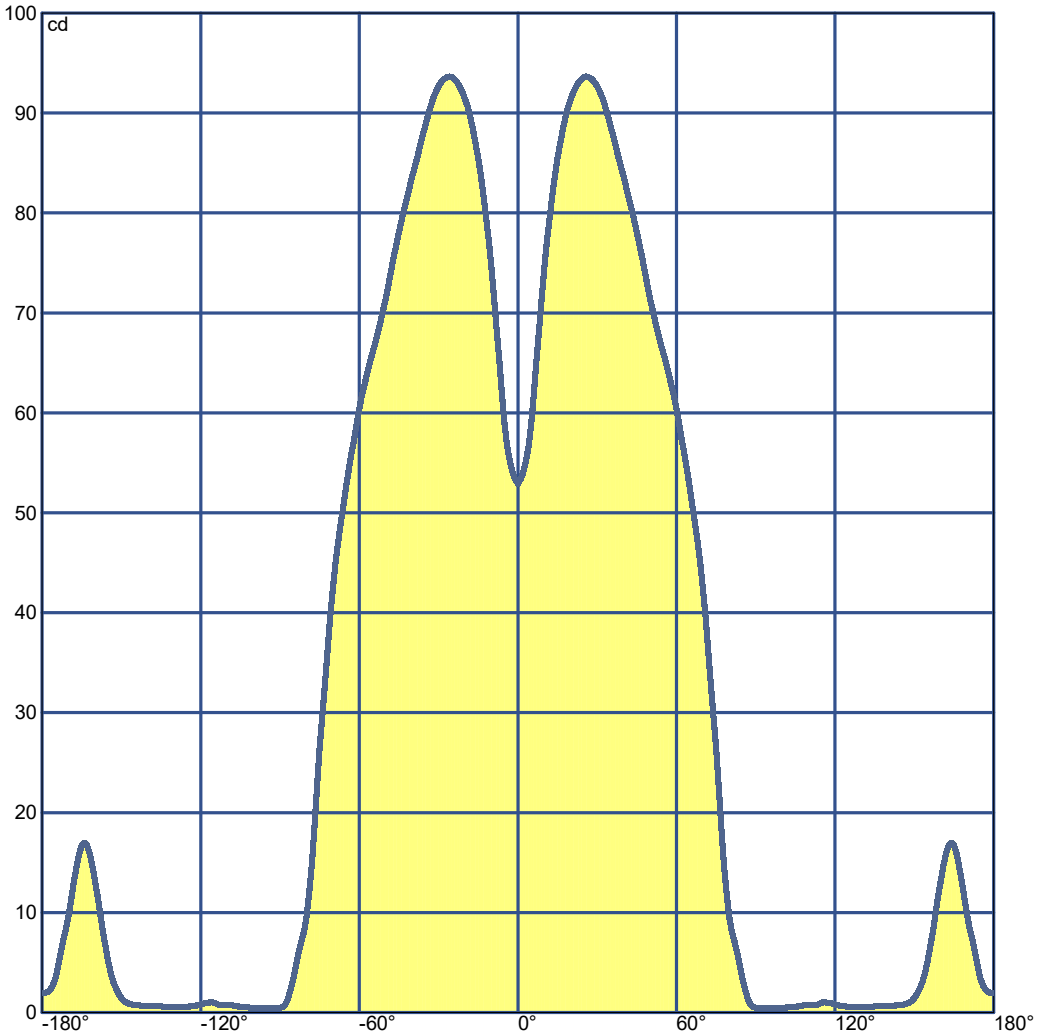
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 342 lm | Potencia Luminaria | 8.7 W | Eficacia | 39.379 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 342 lm | Valor Máximo | 93.59 cd | Posición | C=0.00 G=25.00 | CG | Bisimétrico |

Diam=250mm




Semiplanos C



**Luminaria**
Código A676-301-50-3CCT
Nombre Aura Plus
**Ensayo**
Código CL041A26F004G
Nombre Aura Plus

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 342 lm | Potencia Luminaria | 8.7 W | Eficacia | 39.379 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 342 lm | Valor Máximo | 93.59 cd | Posición | C=0.00 G=25.00 | CG | Bisimétrico |

Flujo Total=342.31 Flujo Luminaria=342.31

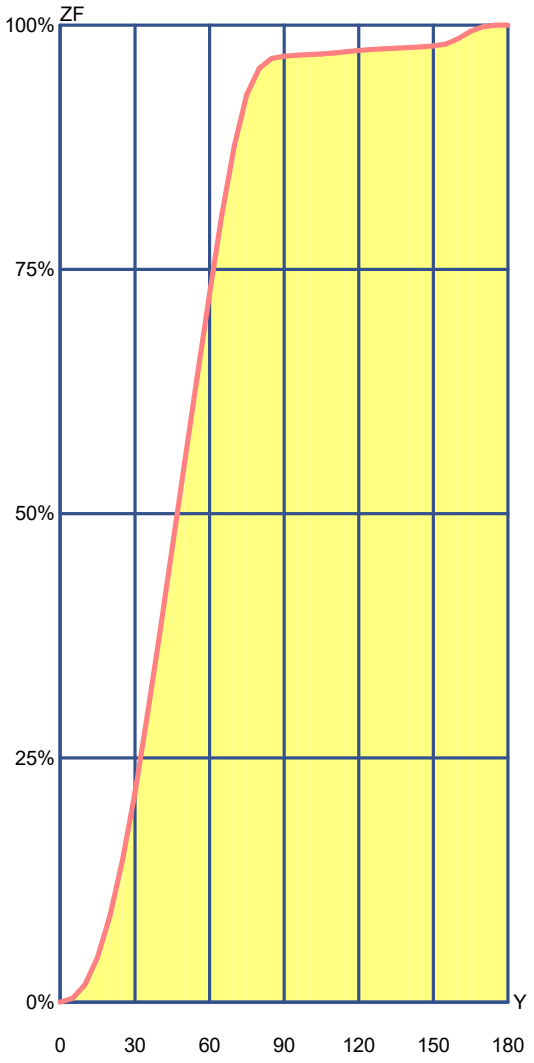
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DRR | 0.26 | 0.35 | 0.42 | 0.50 | 0.56 | 0.65 | 0.71 | 0.76 | 0.82 | 0.85 | 0.93 | 0.97 |
| RC | 6 | 6 | 6 | 6 | 6 | 6 | 5 | 5 | 5 | 5 | 4 | 4 |

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) | 18 | 89 | 214 | 377 | 552 | 725 | 876 | 956 | 968 | 970 | 971 | 974 | 976 | 977 | 979 | 986 | 998 | 1000 |

Códigos de Flujo C.I.E.
41 75 96 97 100

| | | | |
|---|---|---|---|
| C.I.E. | 6/6/6/6/6/6/5/5/5/5/4/4 | LOR | 100.00000 % |
| D DIN 5040 | A31 | ULOR | 3.17146 % |
| F UTE | 0.97 E + 0.03 T | DLOR | 96.82854 % |
| B NBN | BZ 5 | UFF | 3.17146 % |
| RN | 3.17146 % | DFF | 96.82854 % |
| BLF | 1.0 | FFR | 3.27533 % |



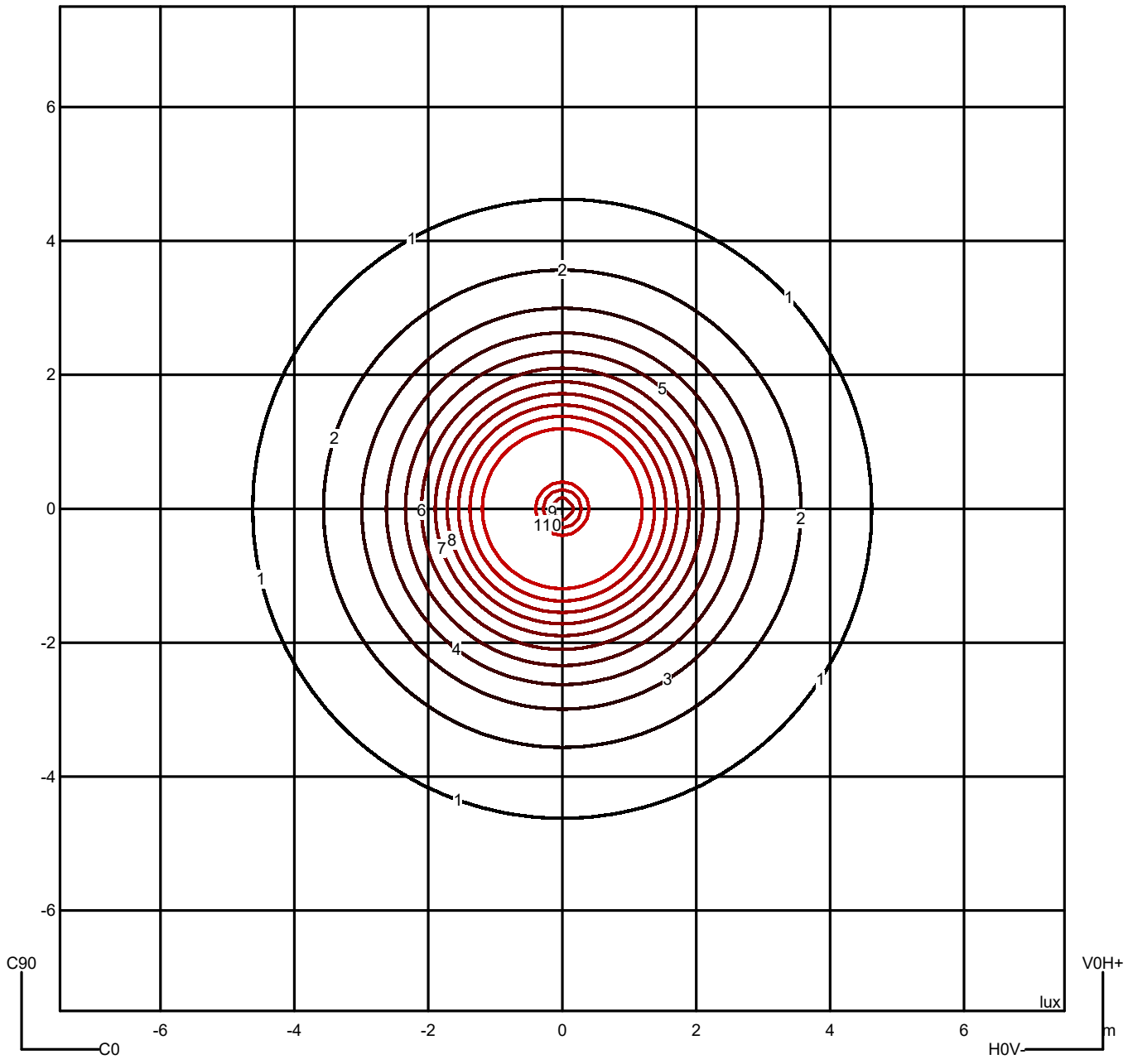

| Flujo Zonal | | | | |
|---|---|---|---|---|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 3.91 | 3.91 | 0.39 % | 0.39 % |
| 10° | 14.08 | 17.98 | 1.41 % | 1.80 % |
| 15° | 27.93 | 45.91 | 2.79 % | 4.59 % |
| 20° | 42.76 | 88.67 | 4.28 % | 8.87 % |
| 25° | 56.80 | 145.48 | 5.68 % | 14.55 % |
| 30° | 68.99 | 214.47 | 6.90 % | 21.45 % |
| 35° | 78.20 | 292.67 | 7.82 % | 29.27 % |
| 40° | 83.98 | 376.65 | 8.40 % | 37.67 % |
| 45° | 87.47 | 464.12 | 8.75 % | 46.41 % |
| 50° | 88.27 | 552.39 | 8.83 % | 55.24 % |
| 55° | 87.14 | 639.53 | 8.71 % | 63.95 % |
| 60° | 85.49 | 725.02 | 8.55 % | 72.50 % |
| 65° | 80.29 | 805.31 | 8.03 % | 80.53 % |
| 70° | 70.68 | 875.98 | 7.07 % | 87.60 % |
| 75° | 52.69 | 928.67 | 5.27 % | 92.87 % |
| 80° | 27.00 | 955.67 | 2.70 % | 95.57 % |
| 85° | 10.26 | 965.93 | 1.03 % | 96.59 % |
| 90° | 2.36 | 968.29 | 0.24 % | 96.83 % |
| 95° | 0.68 | 968.97 | 0.07 % | 96.90 % |
| 100° | 0.70 | 969.66 | 0.07 % | 96.97 % |
| 105° | 0.80 | 970.46 | 0.08 % | 97.05 % |
| 110° | 1.02 | 971.48 | 0.10 % | 97.15 % |
| 115° | 1.15 | 972.64 | 0.12 % | 97.26 % |
| 120° | 1.32 | 973.96 | 0.13 % | 97.40 % |
| 125° | 0.91 | 974.87 | 0.09 % | 97.49 % |
| 130° | 0.74 | 975.61 | 0.07 % | 97.56 % |
| 135° | 0.69 | 976.31 | 0.07 % | 97.63 % |
| 140° | 0.67 | 976.97 | 0.07 % | 97.70 % |
| 145° | 0.68 | 977.65 | 0.07 % | 97.77 % |
| 150° | 0.86 | 978.51 | 0.09 % | 97.85 % |
| 155° | 2.15 | 980.66 | 0.21 % | 98.07 % |
| 160° | 5.47 | 986.13 | 0.55 % | 98.61 % |
| 165° | 7.51 | 993.64 | 0.75 % | 99.36 % |
| 170° | 4.75 | 998.39 | 0.47 % | 99.84 % |
| 175° | 1.43 | 999.82 | 0.14 % | 99.98 % |
| 180° | 0.18 | 1000.00 | 0.02 % | 100.00 % |

**Luminaria**
Código A676-301-50-3CCT
Nombre Aura Plus
**Ensayo**
Código CL041A26F004G
Nombre Aura Plus

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 342 lm | Potencia Luminaria | 8.7 W | Eficacia | 39.379 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 342 lm | Valor Máximo | 93.59 cd | Posición | C=0.00 G=25.00 | CG | Bisimétrico |

Isolux (Suelo)

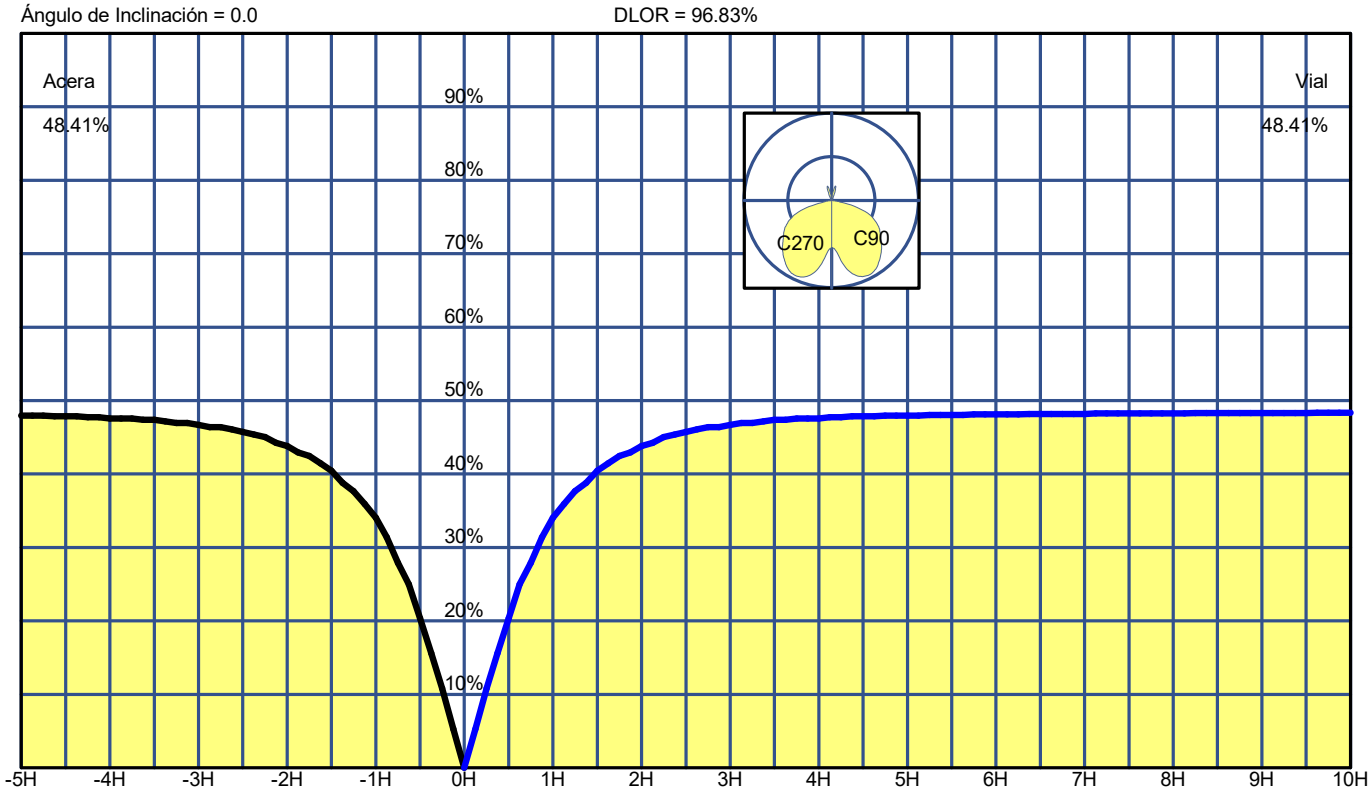
Posición Luminaria X=0.00m Y=0.00m Z=2.50m



**Luminaria**
Código A676-301-50-3CCT
Nombre Aura Plus
**Ensayo**
Código CL041A26F004G
Nombre Aura Plus

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 342 lm | Potencia Luminaria | 8.7 W | Eficacia | 39.379 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 342 lm | Valor Máximo | 93.59 cd | Posición | C=0.00 G=25.00 | CG | Bisimétrico |

| Acera | | | Vial | | |
|---|---|---|---|---|---|
| Ángulo | 0 | 0.00% | Ángulo | 0 | 0.00% |
| Ángulo | -5 | 3.77% | Ángulo | 5 | 3.77% |
| Ángulo | -10 | 7.64% | Ángulo | 10 | 7.64% |
| Ángulo | -15 | 11.60% | Ángulo | 15 | 11.60% |
| Ángulo | -20 | 15.60% | Ángulo | 20 | 15.60% |
| Ángulo | -25 | 19.58% | Ángulo | 25 | 19.58% |
| Ángulo | -30 | 23.46% | Ángulo | 30 | 23.46% |
| Ángulo | -35 | 27.19% | Ángulo | 35 | 27.19% |
| Ángulo | -40 | 30.72% | Ángulo | 40 | 30.72% |
| Ángulo | -45 | 34.03% | Ángulo | 45 | 34.03% |
| Ángulo | -50 | 37.10% | Ángulo | 50 | 37.10% |
| Ángulo | -55 | 39.92% | Ángulo | 55 | 39.92% |
| Ángulo | -60 | 42.45% | Ángulo | 60 | 42.45% |
| Ángulo | -65 | 44.64% | Ángulo | 65 | 44.64% |
| Ángulo | -70 | 46.39% | Ángulo | 70 | 46.39% |
| Ángulo | -75 | 47.56% | Ángulo | 75 | 47.56% |
| Ángulo | -80 | 48.13% | Ángulo | 80 | 48.13% |
| Ángulo | -85 | 48.36% | Ángulo | 85 | 48.36% |
| Ángulo | -90 | 48.41% | Ángulo | 90 | 48.41% |



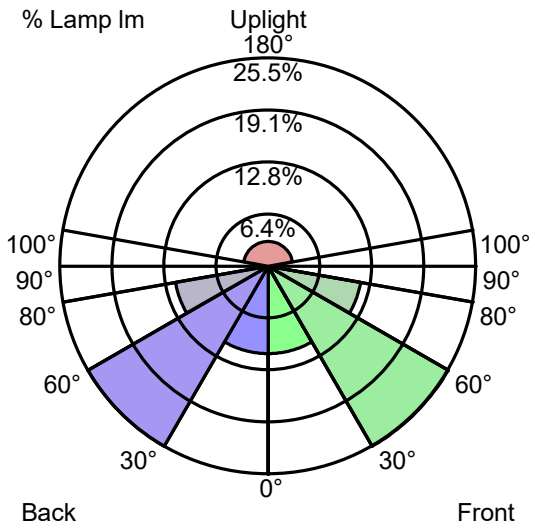

| | | | |
|---|---|---|---|
| Spread | 39.4° Estrecho | DLOR | 96.82854 % |
| Throw | 26.9° Corto | ULOR | 3.17146 % |
| SLI | 8.6 Concentrado | Eficiencia | 100.00000 % |
| Cutoff CIE | Cutoff - Max: C=0.0° Gamma=25.0° | RN | 3.17146 % |
| Cutoff Iesna | Cutoff | Clase de Intensidad Luminosa | G*3 |
| DIN5044 | KB1 | Índice de Deslumbramiento | D6 |

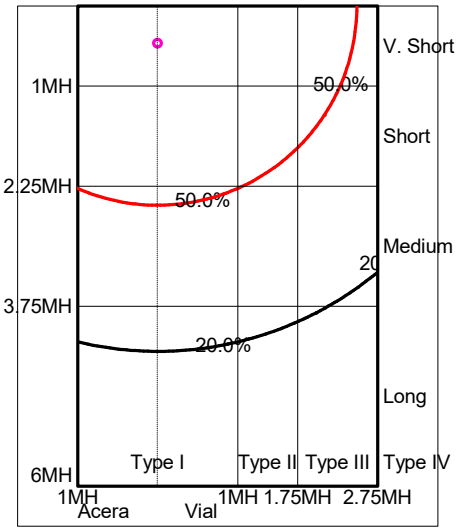
IESNA Type V Very Short Quadrilateral Symmetry

**Luminaria**
Código A676-301-50-3CCT
Nombre Aura Plus
**Ensayo**
Código CL041A26F004G
Nombre Aura Plus

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Flujo Luminaria | 342 lm | Potencia Luminaria | 8.7 W | Eficacia | 39.379 lm/W | Eficiencia | 100.00% |
| Flujo Fuente | 342 lm | Valor Máximo | 93.59 cd | Posición | C=0.00 G=25.00 | CG | Bisimétrico |

US ROAD STANDARDS




| Luminaire Classification System (LCS) | | | | |
|---|---|---|---|---|
| LCS Zone | | Lumens | %Lamp | %Lum |
| FL | 0° -- 30° | 36.7 lm | 10.7 % | 10.7 % |
| FM | 30° -- 60° | 87.4 lm | 25.5 % | 25.5 % |
| FH | 60° -- 80° | 39.5 lm | 11.5 % | 11.5 % |
| FVH | 80° -- 90° | 2.1 lm | 0.6 % | 0.6 % |
| BL | 0° -- 30° | 36.7 lm | 10.7 % | 10.7 % |
| BM | 30° -- 60° | 87.4 lm | 25.5 % | 25.5 % |
| BH | 60° -- 80° | 39.5 lm | 11.5 % | 11.5 % |
| BVH | 80° -- 90° | 2.1 lm | 0.6 % | 0.6 % |
| UL | 90° -- 100° | 0.5 lm | 0.1 % | 0.1 % |
| UH | 100° -- 180° | 10.4 lm | 3.0 % | 3.0 % |
| TOTALS | | 342.3 lm | 100.0 % | 100.0 % |
| BUG B0 U2 G0 | | Type V Very Short | | Quadrilateral Symmetry |