

Luminaire

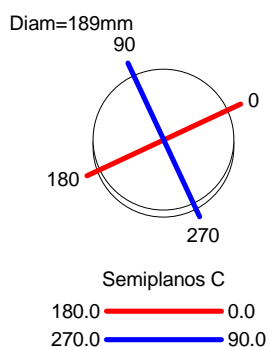
Code A657-010
Name FOLLOW ME PLUS

Measurem.

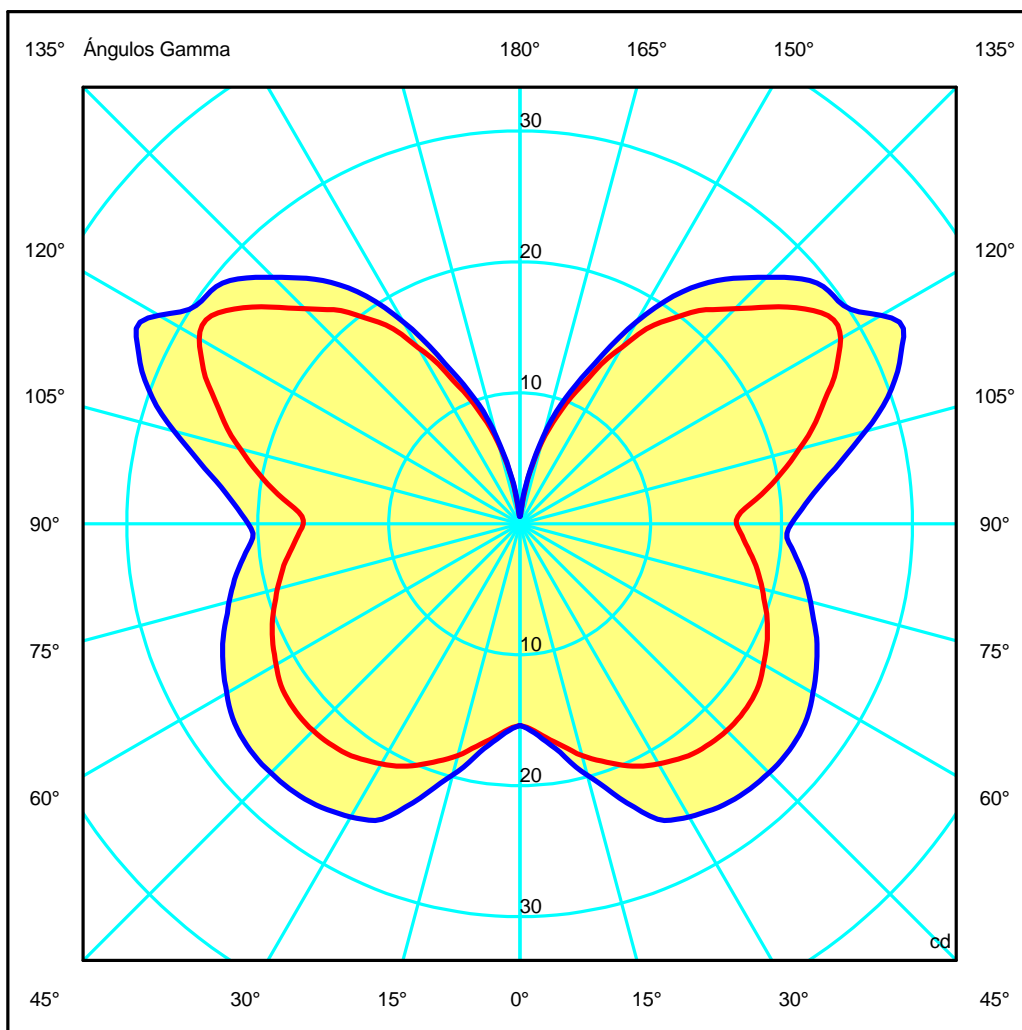
Code CL041A18F0013G
Name FOLLOW ME PLUS

| | | | | | | | |
|-------------------------------------------------------------------------------------|--------------------------------------------------|---------------------------------------------------------------------------------|----------|----------|------------------|-------------------------------------------|--------------------|
| Luminaire Flux | 289.88 lm | Luminaire Power | 10.00 W | Efficacy | 28.99 lm/W | Efficiency | 100.00% |
| Lamps Flux | 289.88 lm | Maximum value | 35.63 cd | Position | C=60.00 G=125.00 | CG | Double Symmetrical |
| Round Luminaire Round Luminous Area | Diam. 189 mm Diam. 180 mm | Height 300 mm Height 160 mm | | | | | |
| Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90° | 0.025447 m2 0.028800 m2 0.028800 m2 | Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76° | | | | 0.028800 m2 0.028800 m2 0.034101 m2 | |
| Coordinate system Date Measurement Distance | CG 02-01-2019 6.44 | Symmetry Type Maximum Gamma Angle Measurement Flux | | | | Double Symmetrical 180 289.88 lm | |
| Operator Temperature Humidity Notes | Asselum T2 25.20 °C 26.30 % RM1821701.3 | Source Voltage [V] Source current [A] Photocell | | | | 230.24 V 0.10 A Prc | |

| Line | Code LED | Luminaire Lamps Name LED | Flux [lm] 289.88 | Pow. [W] 10.00 | Q.ty 1 |
|-----------------|------------------------------------|--------------------------------|--------------------------|-------------------|-----------|
| C.I.E. F UTE | 25 52 78 48 100 0.48 J + 0.52 T | D DIN 5040 B NBN | C12 BZ 8 / 2.5 / BZ 7 | | |



ULOR 52.28 %
DLOR 47.72 %
RN 52.28 %



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Luminous Intensity Table cd Table 1/1

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 |
|--------|--------|---------|---------|---------|---------|---------|---------|
| G 0.0 | 15.38 | 15.38 | 15.38 | 15.38 | 15.38 | 15.38 | 15.38 |
| G 2.5 | 15.62 | 15.52 | 15.59 | 15.60 | 15.63 | 15.58 | 15.71 |
| G 5.0 | 16.04 | 15.95 | 16.03 | 16.09 | 16.19 | 16.16 | 16.24 |
| G 7.5 | 16.55 | 16.49 | 16.59 | 16.66 | 16.87 | 16.92 | 16.92 |
| G 10.0 | 17.06 | 17.03 | 17.19 | 17.37 | 17.64 | 17.75 | 17.72 |
| G 12.5 | 17.67 | 17.60 | 17.83 | 18.12 | 18.41 | 18.59 | 18.83 |
| G 15.0 | 18.32 | 18.20 | 18.45 | 18.85 | 19.24 | 19.61 | 19.86 |
| G 17.5 | 18.85 | 18.77 | 19.06 | 19.56 | 20.22 | 20.71 | 20.93 |
| G 20.0 | 19.36 | 19.34 | 19.66 | 20.30 | 21.22 | 21.92 | 22.28 |
| G 22.5 | 19.89 | 19.82 | 20.22 | 21.09 | 22.25 | 23.12 | 23.60 |
| G 25.0 | 20.41 | 20.30 | 20.78 | 21.85 | 23.07 | 24.03 | 24.88 |
| G 27.5 | 20.83 | 20.68 | 21.25 | 22.53 | 23.76 | 24.74 | 25.47 |
| G 30.0 | 21.17 | 21.04 | 21.68 | 23.00 | 24.26 | 25.25 | 25.85 |
| G 32.5 | 21.47 | 21.37 | 22.09 | 23.41 | 24.66 | 25.63 | 26.14 |
| G 35.0 | 21.77 | 21.63 | 22.41 | 23.71 | 24.96 | 25.90 | 26.42 |
| G 37.5 | 22.02 | 21.83 | 22.65 | 23.94 | 25.17 | 26.08 | 26.63 |
| G 40.0 | 22.15 | 22.00 | 22.84 | 24.10 | 25.33 | 26.22 | 26.76 |
| G 42.5 | 22.26 | 22.12 | 22.96 | 24.20 | 25.42 | 26.31 | 26.85 |
| G 45.0 | 22.33 | 22.19 | 23.05 | 24.27 | 25.47 | 26.35 | 26.89 |
| G 47.5 | 22.36 | 22.20 | 23.08 | 24.30 | 25.47 | 26.35 | 26.93 |
| G 50.0 | 22.33 | 22.17 | 23.05 | 24.27 | 25.42 | 26.31 | 26.87 |
| G 52.5 | 22.24 | 22.09 | 22.99 | 24.19 | 25.31 | 26.19 | 26.76 |
| G 55.0 | 22.10 | 21.93 | 22.83 | 24.07 | 25.14 | 26.02 | 26.57 |
| G 57.5 | 21.83 | 21.73 | 22.61 | 23.85 | 24.91 | 25.71 | 26.26 |
| G 60.0 | 21.48 | 21.44 | 22.31 | 23.54 | 24.62 | 25.37 | 25.85 |
| G 62.5 | 21.17 | 21.14 | 22.02 | 23.20 | 24.26 | 24.98 | 25.45 |
| G 65.0 | 20.85 | 20.80 | 21.67 | 22.87 | 23.88 | 24.55 | 25.02 |
| G 67.5 | 20.47 | 20.43 | 21.27 | 22.49 | 23.45 | 24.10 | 24.56 |
| G 70.0 | 20.06 | 20.04 | 20.87 | 22.10 | 23.01 | 23.60 | 24.05 |
| G 72.5 | 19.58 | 19.63 | 20.45 | 21.68 | 22.62 | 23.13 | 23.46 |
| G 75.0 | 19.17 | 19.22 | 20.04 | 21.24 | 22.15 | 22.61 | 22.99 |
| G 77.5 | 18.73 | 18.80 | 19.58 | 20.84 | 21.68 | 22.10 | 22.49 |
| G 80.0 | 18.30 | 18.39 | 19.15 | 20.39 | 21.16 | 21.57 | 21.98 |
| G 82.5 | 17.80 | 17.96 | 18.71 | 19.95 | 20.73 | 21.06 | 21.38 |
| G 85.0 | 17.32 | 17.53 | 18.30 | 19.55 | 20.30 | 20.55 | 20.83 |
| G 87.5 | 16.90 | 17.12 | 17.90 | 19.18 | 19.88 | 20.06 | 20.39 |
| G 90.0 | 16.54 | 16.73 | 17.78 | 18.86 | 20.14 | 19.69 | 20.74 |
| G 92.5 | 16.76 | 16.80 | 18.31 | 19.13 | 20.79 | 20.34 | 21.41 |
| G 95.0 | 17.70 | 17.60 | 19.08 | 20.23 | 21.53 | 21.34 | 22.21 |
| G 97.5 | 18.82 | 18.82 | 19.96 | 21.72 | 22.42 | 22.78 | 23.19 |
| G100.0 | 19.92 | 20.09 | 21.21 | 22.93 | 23.74 | 24.19 | 24.45 |
| G102.5 | 21.02 | 21.31 | 22.45 | 24.14 | 25.16 | 25.60 | 25.80 |
| G105.0 | 22.08 | 22.49 | 23.64 | 25.35 | 26.45 | 26.97 | 27.33 |
| G107.5 | 23.27 | 23.75 | 24.81 | 26.62 | 27.69 | 28.32 | 28.90 |
| G110.0 | 24.27 | 25.01 | 26.00 | 27.91 | 29.09 | 29.72 | 30.20 |
| G112.5 | 25.30 | 26.26 | 27.27 | 29.10 | 30.52 | 30.99 | 31.31 |
| G115.0 | 26.49 | 27.25 | 28.49 | 30.45 | 32.00 | 31.87 | 32.21 |
| G117.5 | 27.40 | 27.74 | 29.73 | 31.71 | 33.25 | 32.23 | 32.91 |
| G120.0 | 28.28 | 27.78 | 30.79 | 33.02 | 34.38 | 32.26 | 31.86 |
| G122.5 | 28.62 | 27.55 | 31.50 | 34.07 | 35.25 | 32.24 | 30.31 |
| G125.0 | 28.11 | 27.13 | 31.78 | 34.85 | 35.63 | 32.15 | 29.67 |
| G127.5 | 27.04 | 26.67 | 31.68 | 35.12 | 35.41 | 31.85 | 29.50 |
| G130.0 | 25.78 | 25.94 | 31.14 | 34.72 | 34.82 | 31.11 | 28.90 |
| G132.5 | 24.44 | 24.84 | 30.28 | 33.81 | 33.87 | 29.97 | 27.84 |
| G135.0 | 23.25 | 23.86 | 29.14 | 32.77 | 32.51 | 28.80 | 26.64 |
| G137.5 | 22.21 | 22.97 | 27.89 | 31.55 | 30.95 | 27.70 | 25.49 |
| G140.0 | 21.26 | 22.09 | 26.67 | 30.04 | 29.28 | 26.43 | 24.40 |
| G142.5 | 19.97 | 20.95 | 25.03 | 28.29 | 27.57 | 24.92 | 23.14 |
| G145.0 | 18.81 | 19.68 | 23.34 | 26.18 | 25.54 | 23.20 | 21.65 |
| G147.5 | 17.43 | 18.10 | 21.39 | 24.07 | 23.27 | 21.10 | 19.86 |
| G150.0 | 15.57 | 16.31 | 19.07 | 21.48 | 20.67 | 18.91 | 17.83 |
| G152.5 | 14.03 | 14.29 | 16.50 | 18.59 | 18.00 | 16.47 | 15.69 |
| G155.0 | 12.12 | 12.42 | 13.71 | 15.10 | 15.08 | 14.02 | 13.49 |
| G157.5 | 10.74 | 10.73 | 11.34 | 12.08 | 12.13 | 11.73 | 11.81 |
| G160.0 | 9.24 | 9.19 | 9.51 | 10.02 | 9.88 | 9.96 | 10.20 |
| G162.5 | 7.88 | 7.83 | 8.02 | 8.36 | 8.25 | 8.36 | 8.71 |
| G165.0 | 6.47 | 6.36 | 6.50 | 6.79 | 6.79 | 6.88 | 6.92 |
| G167.5 | 4.87 | 4.85 | 5.00 | 5.12 | 5.30 | 5.26 | 5.15 |
| G170.0 | 3.45 | 3.32 | 3.55 | 3.67 | 3.70 | 3.80 | 3.69 |
| G172.5 | 1.90 | 1.90 | 2.22 | 2.40 | 2.27 | 2.31 | 2.27 |
| G175.0 | 0.97 | 1.09 | 1.09 | 1.33 | 1.07 | 1.21 | 0.95 |
| G177.5 | 0.62 | 0.73 | 0.62 | 0.74 | 0.61 | 0.65 | 0.58 |
| G180.0 | 0.59 | 0.59 | 0.59 | 0.59 | 0.59 | 0.59 | 0.59 |

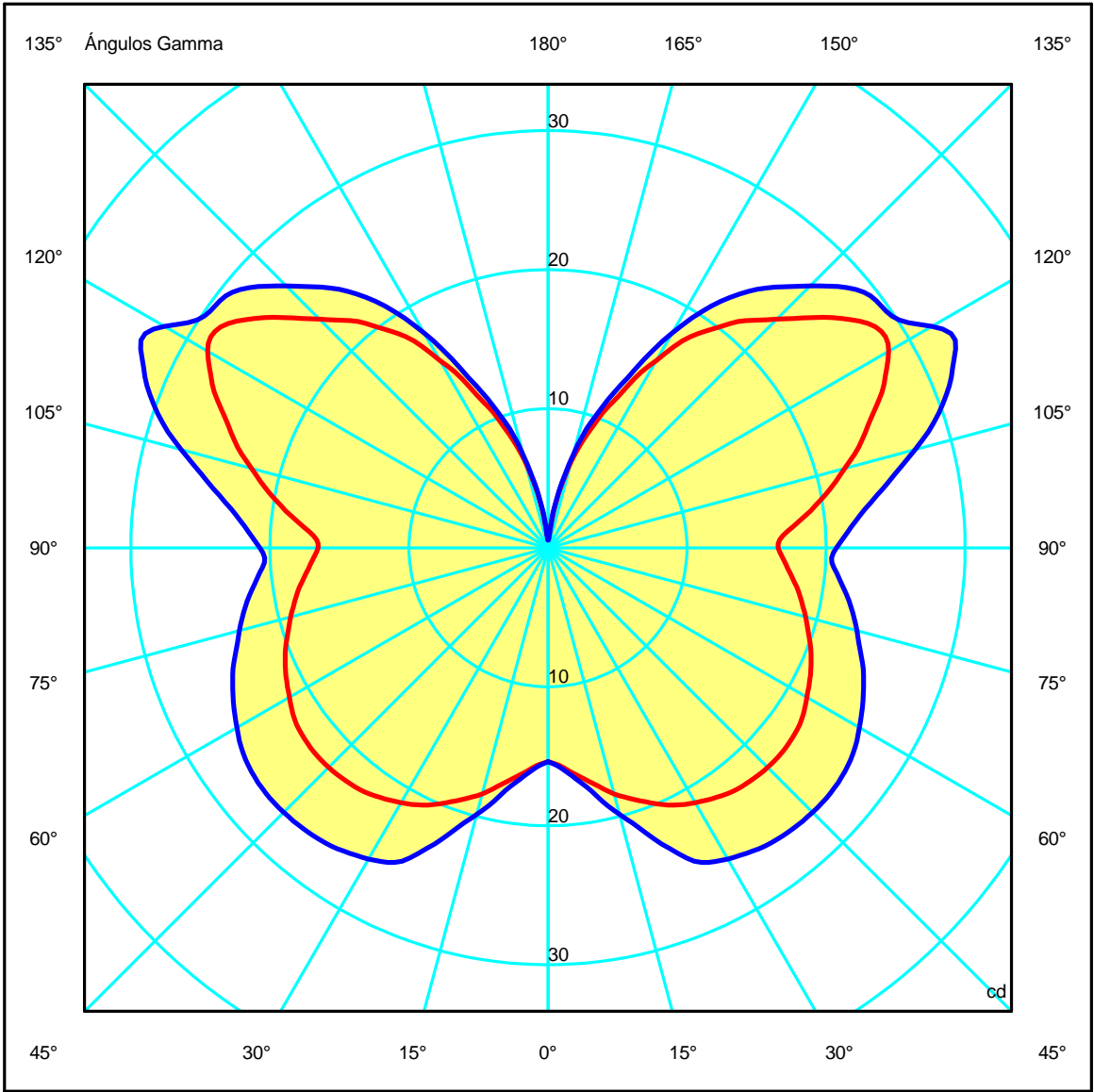
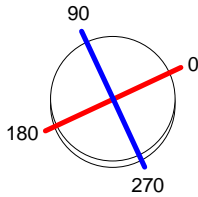
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| Lamps Flux | 289.88 lm | Maximum value | 35.63 cd | Position | C=60.00 G=125.00 | CG | Double Symmetrical |

Diam=189mm

Semiplanos C

180.0 ————— 0.0
270.0 ————— 90.0



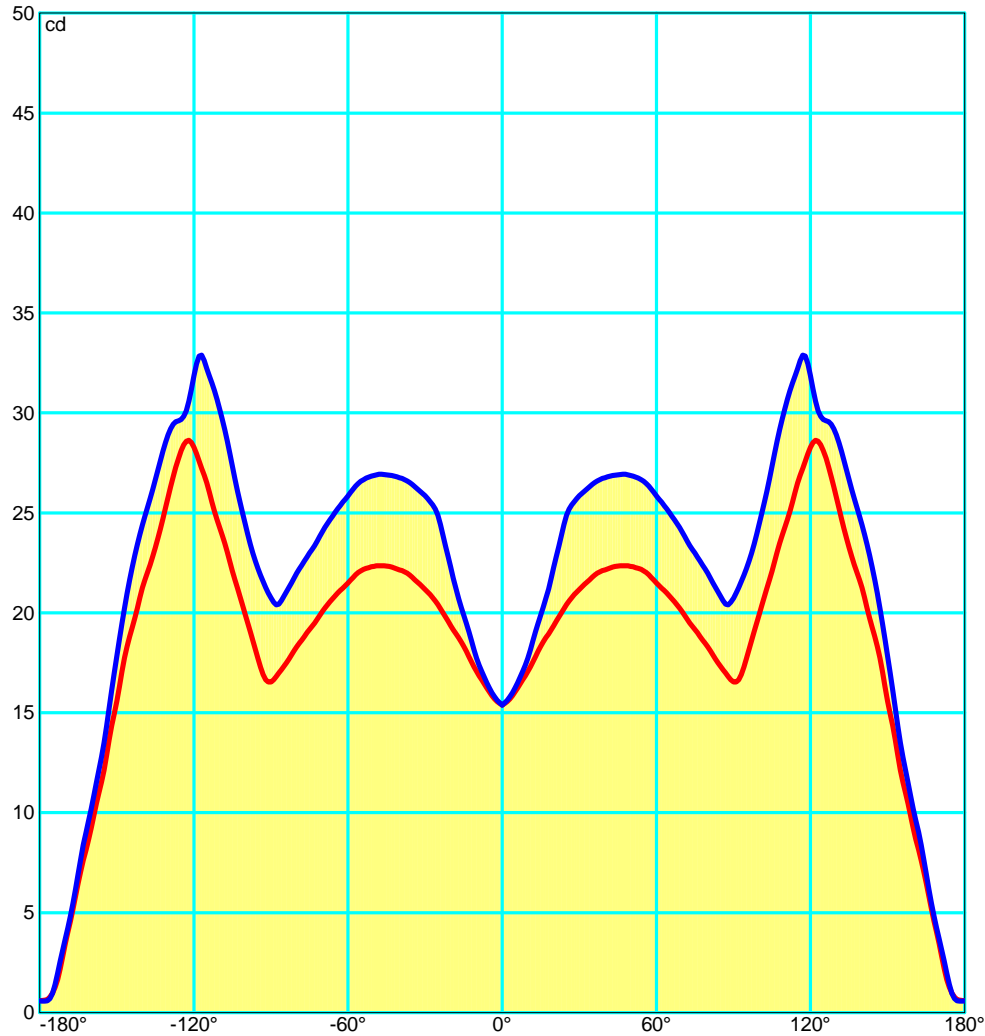
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Apertura a la derecha no hallada, gamma =58

Apertura a la derecha no hallada, gamma =58

Apertura a la derecha no hallada, gamma =58

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UGR
S = 0.250

| Reflectancies | | | | | | | | | | |
|----------------|------------------|------|------|------|------|----------------|------|------|------|------|
| Ceiling/Cavity | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 | 0.7 | 0.7 | 0.5 | 0.5 | 0.3 |
| Walls | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 | 0.5 | 0.3 | 0.5 | 0.3 | 0.3 |
| WorkingPlane | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| RoomDimensions | Viewed Crosswise | | | | | Viewed Endwise | | | | |
| x=2H y=2H | 6.7 | 7.6 | 7.6 | 8.6 | 9.8 | 7.7 | 8.6 | 8.6 | 9.6 | 10.8 |
| x=2H y=3H | 9.0 | 9.8 | 9.9 | 10.8 | 12.0 | 10.1 | 10.9 | 11.0 | 11.9 | 13.1 |
| x=2H y=4H | 10.2 | 10.9 | 11.1 | 11.9 | 13.1 | 11.3 | 12.0 | 12.2 | 13.0 | 14.3 |
| x=2H y=6H | 11.3 | 12.0 | 12.3 | 13.0 | 14.3 | 12.4 | 13.2 | 13.4 | 14.1 | 15.4 |
| x=2H y=8H | 11.8 | 12.5 | 12.8 | 13.5 | 14.8 | 13.0 | 13.7 | 14.0 | 14.7 | 16.0 |
| x=2H y=12H | 12.4 | 13.0 | 13.4 | 14.0 | 15.3 | 13.6 | 14.2 | 14.5 | 15.2 | 16.5 |
| x=4H y=2H | 7.7 | 8.5 | 8.7 | 9.5 | 10.7 | 8.4 | 9.2 | 9.4 | 10.2 | 11.4 |
| x=4H y=3H | 10.1 | 10.8 | 11.1 | 11.8 | 13.1 | 11.0 | 11.7 | 12.0 | 12.6 | 13.9 |
| x=4H y=4H | 11.4 | 12.0 | 12.4 | 13.0 | 14.3 | 12.3 | 12.9 | 13.3 | 13.9 | 15.3 |
| x=4H y=6H | 12.7 | 13.2 | 13.7 | 14.2 | 15.5 | 13.7 | 14.2 | 14.7 | 15.2 | 16.5 |
| x=4H y=8H | 13.3 | 13.8 | 14.3 | 14.8 | 16.1 | 14.3 | 14.8 | 15.3 | 15.8 | 17.2 |
| x=4H y=12H | 13.9 | 14.3 | 14.9 | 15.4 | 16.7 | 15.0 | 15.4 | 16.0 | 16.4 | 17.8 |
| x=8H y=4H | 12.0 | 12.5 | 13.0 | 13.5 | 14.9 | 12.8 | 13.3 | 13.8 | 14.3 | 15.6 |
| x=8H y=6H | 13.5 | 13.9 | 14.5 | 15.0 | 16.3 | 14.4 | 14.8 | 15.4 | 15.8 | 17.2 |
| x=8H y=8H | 14.3 | 14.6 | 15.3 | 15.7 | 17.0 | 15.2 | 15.5 | 16.2 | 16.6 | 17.9 |
| x=8H y=12H | 15.0 | 15.3 | 16.1 | 16.4 | 17.8 | 16.0 | 16.3 | 17.0 | 17.4 | 18.7 |
| x=12H y=4H | 12.2 | 12.6 | 13.2 | 13.6 | 15.0 | 12.8 | 13.3 | 13.9 | 14.3 | 15.7 |
| x=12H y=6H | 13.7 | 14.1 | 14.8 | 15.1 | 16.5 | 14.5 | 14.9 | 15.5 | 15.9 | 17.3 |
| x=12H y=8H | 14.6 | 14.9 | 15.6 | 16.0 | 17.3 | 15.4 | 15.7 | 16.5 | 16.8 | 18.2 |

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Flujo Total=289.88 Flujo Luminaria=289.88

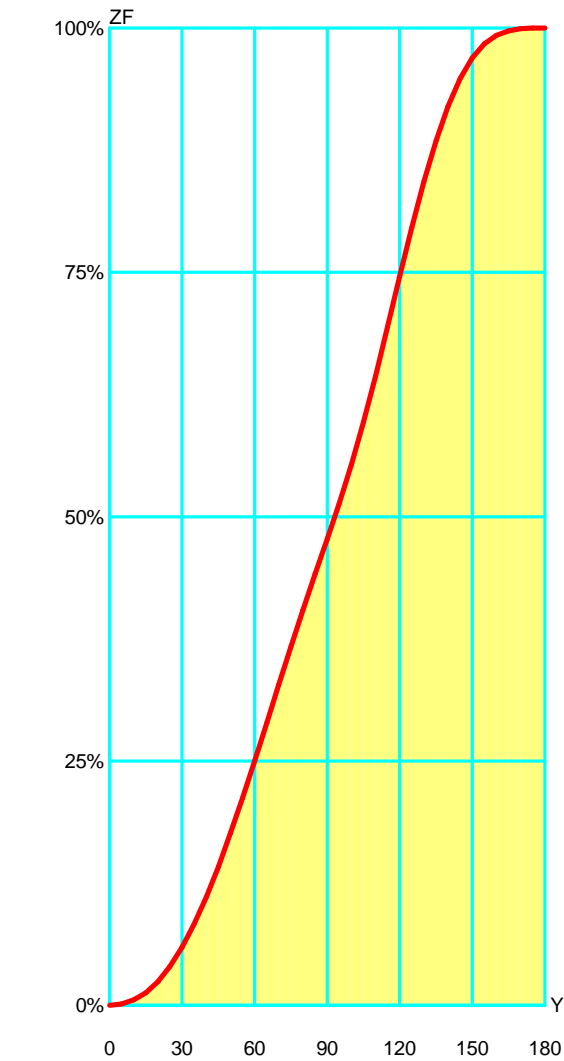
| | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| RI | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
| DRR | 0.15 | 0.22 | 0.28 | 0.34 | 0.39 | 0.47 | 0.54 | 0.58 | 0.65 | 0.70 | 0.81 | 0.89 |
| RC | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 8 | 8 |

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) | 5 | 24 | 59 | 111 | 176 | 250 | 328 | 405 | 477 | 553 | 644 | 746 | 843 | 920 | 970 | 993 | 999 | 1000 |

Códigos de Flujo C.I.E.
25 52 78 48 100

| | | | |
|------------|---------------------|------|-------------|
| C.I.E. | 9/9/9/9/9/9/9/9/8/8 | LOR | 100.00000 % |
| D DIN 5040 | C12 | ULOR | 52.28401 % |
| F UTE | 0.48 J + 0.52 T | DLOR | 47.71599 % |
| B NBN | BZ 8 / 2.5 / BZ 7 | UFF | 52.28401 % |
| RN | 52.28401 % | DFF | 47.71599 % |
| BLF | 1.0 | FFR | 109.57335 % |



| Flujo Zonal | | | | |
|-------------|-------|---------|-----------|----------|
| Gamma ° | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 1.30 | 1.30 | 0.13 % | 0.13 % |
| 10° | 4.14 | 5.44 | 0.41 % | 0.54 % |
| 15° | 7.44 | 12.88 | 0.74 % | 1.29 % |
| 20° | 11.23 | 24.11 | 1.12 % | 2.41 % |
| 25° | 15.46 | 39.57 | 1.55 % | 3.96 % |
| 30° | 19.79 | 59.36 | 1.98 % | 5.94 % |
| 35° | 23.86 | 83.21 | 2.39 % | 8.32 % |
| 40° | 27.61 | 110.83 | 2.76 % | 11.08 % |
| 45° | 30.98 | 141.81 | 3.10 % | 14.18 % |
| 50° | 33.91 | 175.72 | 3.39 % | 17.57 % |
| 55° | 36.30 | 212.02 | 3.63 % | 21.20 % |
| 60° | 37.94 | 249.95 | 3.79 % | 25.00 % |
| 65° | 38.82 | 288.77 | 3.88 % | 28.88 % |
| 70° | 39.08 | 327.85 | 3.91 % | 32.78 % |
| 75° | 38.78 | 366.63 | 3.88 % | 36.66 % |
| 80° | 38.02 | 404.65 | 3.80 % | 40.46 % |
| 85° | 36.88 | 441.52 | 3.69 % | 44.15 % |
| 90° | 35.64 | 477.16 | 3.56 % | 47.72 % |
| 95° | 36.25 | 513.41 | 3.62 % | 51.34 % |
| 100° | 39.64 | 553.04 | 3.96 % | 55.30 % |
| 105° | 43.69 | 596.74 | 4.37 % | 59.67 % |
| 110° | 47.26 | 644.00 | 4.73 % | 64.40 % |
| 115° | 50.16 | 694.16 | 5.02 % | 69.42 % |
| 120° | 51.52 | 745.68 | 5.15 % | 74.57 % |
| 125° | 50.43 | 796.11 | 5.04 % | 79.61 % |
| 130° | 47.11 | 843.22 | 4.71 % | 84.32 % |
| 135° | 41.54 | 884.76 | 4.15 % | 88.48 % |
| 140° | 35.10 | 919.87 | 3.51 % | 91.99 % |
| 145° | 28.43 | 948.29 | 2.84 % | 94.83 % |
| 150° | 21.39 | 969.69 | 2.14 % | 96.97 % |
| 155° | 14.37 | 984.05 | 1.44 % | 98.41 % |
| 160° | 8.48 | 992.53 | 0.85 % | 99.25 % |
| 165° | 4.69 | 997.22 | 0.47 % | 99.72 % |
| 170° | 2.12 | 999.34 | 0.21 % | 99.93 % |
| 175° | 0.59 | 999.93 | 0.06 % | 99.99 % |
| 180° | 0.07 | 1000.00 | 0.01 % | 100.00 % |

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Isolux (Ceiling)

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

