

LEDS C4[®]

Luminaria

Código 05-6488-14-14
Nombre RADAR

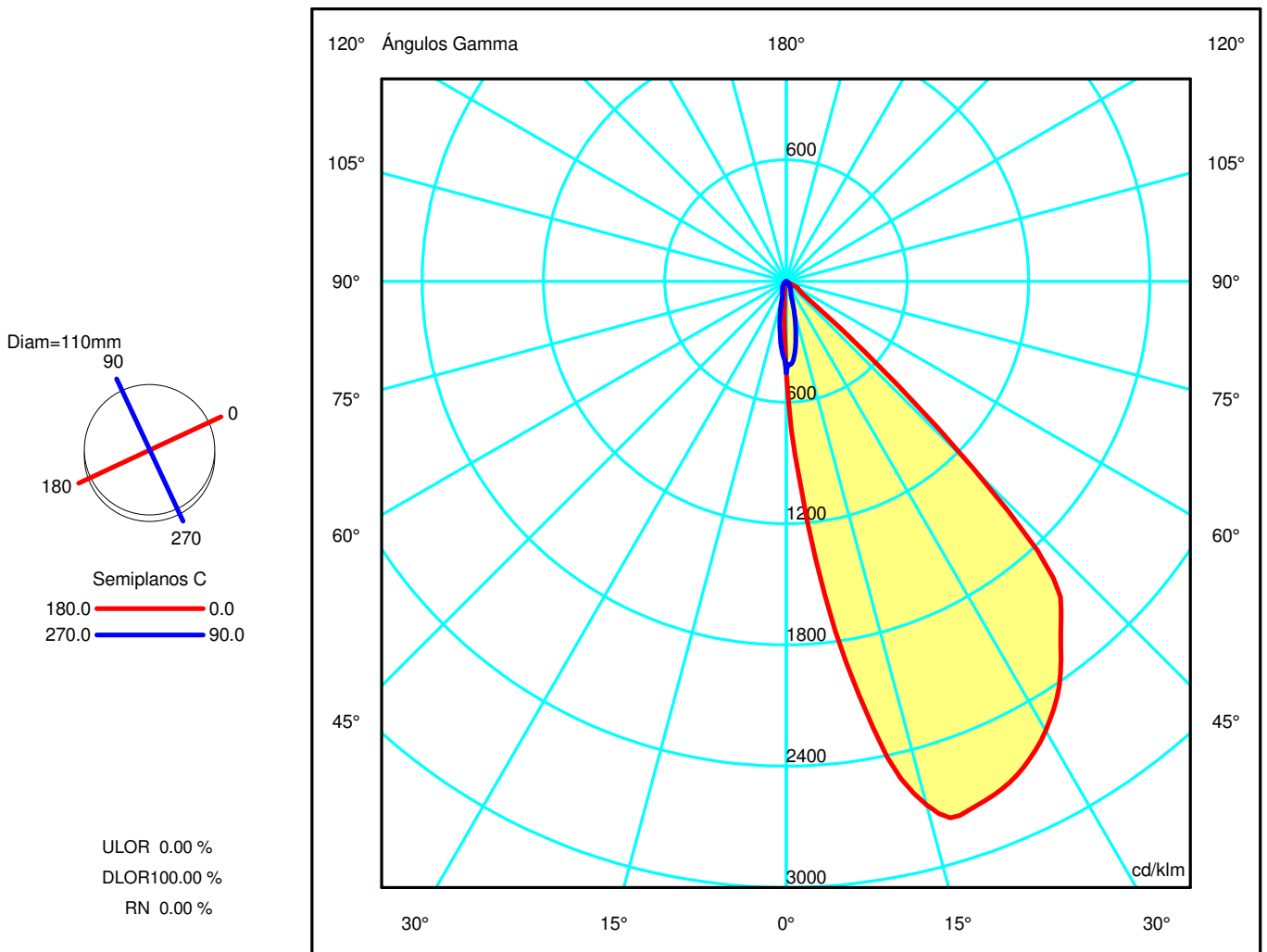
Ensayo

Código 05-6488-14-14
Nombre RADAR

| | | | | | | | |
|----------------------------|----------|--------------------|----------------|-------------------------------|-----------------|------------|-------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |
| Luminaria Redonda | | Diam. | 110 mm | Altura | 51 mm | | |
| Área Luminosa Redonda | | Diam. | 10 mm | Altura | 0 mm | | |
| Área Luminosa Horizontal | | | 0.000079 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° | | | 0.000019 m2 |
| Sist. de Coorden. | | CG | | Tipo de Simetría | | | Asimétrico |
| Fecha | | 13-12-2017 | | Máximo Ángulo Gamma | | | 90 |
| Distancia de Ensayo | | 0.00 | | Flujo de Ensayo | | | 50.22 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 Radar | Nombre Radar | Flujo [lm] | Pot. [W] | Cant. |
|-----------------|------------------------------|---------------------|----------------------|----------|-------|
| C.I.E. F UTE | 88 100 100 100 100 1.00 A | D DIN 5040 B NBN | 50.22 A60 BZ 1 | 4.40 | 1 |



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| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Tabla de Intensidad Luminosa cd/klm **Tabla 1/4**

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 | C 105.00 | C 120.00 | C 135.00 | C 150.00 | C 165.00 | C 180.00 |
|--------|---------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| G 0.0 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 |
| G 1.0 | 583.35 | 629.97 | 618.50 | 641.92 | 598.86 | 576.82 | 411.81 | 383.56 | 349.43 | 345.27 | 316.39 | 349.31 | 313.84 |
| G 2.0 | 735.39 | 772.51 | 755.45 | 749.08 | 678.95 | 617.11 | 414.82 | 358.86 | 303.50 | 275.94 | 246.29 | 249.29 | 232.59 |
| G 3.0 | 864.36 | 895.41 | 869.91 | 842.47 | 747.20 | 648.81 | 412.94 | 331.52 | 260.66 | 224.44 | 192.07 | 188.00 | 173.17 |
| G 4.0 | 1009.54 | 1043.85 | 984.11 | 932.10 | 805.62 | 670.71 | 406.77 | 301.58 | 222.25 | 182.18 | 148.34 | 140.13 | 124.85 |
| G 5.0 | 1187.36 | 1232.84 | 1154.66 | 1039.08 | 859.90 | 684.91 | 394.58 | 271.58 | 188.65 | 145.43 | 109.92 | 100.51 | 88.11 |
| G 6.0 | 1375.48 | 1431.63 | 1316.34 | 1166.16 | 918.94 | 694.08 | 376.89 | 241.64 | 158.58 | 112.66 | 81.53 | 72.17 | 72.31 |
| G 7.0 | 1564.53 | 1607.70 | 1500.99 | 1278.55 | 977.84 | 699.77 | 355.49 | 213.57 | 129.60 | 86.87 | 69.25 | 59.19 | 56.50 |
| G 8.0 | 1746.38 | 1772.99 | 1638.48 | 1393.75 | 1031.08 | 702.64 | 329.93 | 188.53 | 104.85 | 67.27 | 56.97 | 53.75 | 51.06 |
| G 9.0 | 1917.36 | 1934.91 | 1772.93 | 1496.93 | 1070.75 | 703.32 | 301.41 | 164.03 | 83.72 | 59.48 | 52.08 | 48.33 | 45.29 |
| G 10.0 | 2080.80 | 2111.64 | 1885.26 | 1596.86 | 1096.32 | 697.67 | 272.53 | 138.90 | 67.97 | 55.13 | 47.11 | 42.91 | 39.35 |
| G 11.0 | 2251.38 | 2286.13 | 2013.89 | 1667.91 | 1115.94 | 684.33 | 245.63 | 116.43 | 62.93 | 51.01 | 42.00 | 37.45 | 34.38 |
| G 12.0 | 2409.12 | 2437.03 | 2160.94 | 1726.30 | 1126.93 | 664.04 | 220.41 | 97.35 | 57.89 | 46.66 | 37.17 | 33.06 | 30.67 |
| G 13.0 | 2526.89 | 2542.08 | 2269.73 | 1781.16 | 1131.10 | 633.26 | 196.79 | 79.79 | 54.46 | 42.32 | 33.49 | 30.07 | 27.97 |
| G 14.0 | 2611.11 | 2619.51 | 2380.19 | 1825.83 | 1128.36 | 593.68 | 172.73 | 68.90 | 50.65 | 38.03 | 30.76 | 27.68 | 25.70 |
| G 15.0 | 2681.82 | 2686.88 | 2448.53 | 1866.16 | 1118.81 | 546.68 | 148.55 | 64.43 | 46.73 | 34.70 | 28.49 | 25.53 | 23.72 |
| G 16.0 | 2739.00 | 2745.04 | 2513.71 | 1883.96 | 1101.38 | 492.34 | 125.90 | 61.17 | 42.60 | 32.20 | 26.40 | 23.54 | 21.92 |
| G 17.0 | 2775.88 | 2781.63 | 2551.57 | 1893.71 | 1079.29 | 438.01 | 106.64 | 57.91 | 38.94 | 29.96 | 24.49 | 21.72 | 20.23 |
| G 18.0 | 2779.04 | 2788.25 | 2580.39 | 1883.90 | 1050.81 | 385.29 | 88.75 | 54.54 | 36.20 | 27.93 | 22.65 | 20.05 | 18.65 |
| G 19.0 | 2769.26 | 2778.93 | 2597.25 | 1870.82 | 1012.53 | 335.58 | 76.47 | 50.88 | 33.91 | 26.05 | 20.93 | 18.46 | 17.13 |
| G 20.0 | 2760.40 | 2768.00 | 2603.17 | 1838.66 | 965.07 | 291.56 | 71.33 | 47.23 | 31.83 | 24.28 | 19.28 | 16.95 | 15.80 |
| G 21.0 | 2751.89 | 2757.41 | 2605.24 | 1801.75 | 907.94 | 253.72 | 68.24 | 43.57 | 29.90 | 22.58 | 17.77 | 15.47 | 14.36 |
| G 22.0 | 2742.34 | 2745.62 | 2597.48 | 1749.98 | 841.74 | 220.02 | 65.24 | 40.86 | 28.09 | 20.99 | 16.34 | 14.08 | 12.94 |
| G 23.0 | 2730.66 | 2731.18 | 2585.17 | 1694.00 | 771.68 | 188.21 | 61.90 | 38.64 | 26.37 | 19.46 | 14.88 | 12.73 | 11.49 |
| G 24.0 | 2715.82 | 2714.67 | 2562.44 | 1631.78 | 698.64 | 156.09 | 58.55 | 36.59 | 24.74 | 18.00 | 13.52 | 11.29 | 10.45 |
| G 25.0 | 2697.93 | 2695.51 | 2533.56 | 1564.33 | 621.41 | 129.24 | 54.82 | 34.64 | 23.18 | 16.59 | 12.16 | 10.28 | 9.60 |
| G 26.0 | 2676.47 | 2673.99 | 2496.22 | 1493.31 | 542.51 | 106.13 | 51.30 | 32.79 | 21.68 | 15.22 | 11.05 | 9.49 | 8.89 |
| G 27.0 | 2653.28 | 2649.48 | 2452.50 | 1416.79 | 461.50 | 90.00 | 48.49 | 31.05 | 20.24 | 13.90 | 10.25 | 8.78 | 8.31 |
| G 28.0 | 2627.51 | 2622.73 | 2399.17 | 1339.53 | 388.32 | 84.01 | 46.29 | 29.35 | 18.92 | 12.71 | 9.54 | 8.15 | 7.72 |
| G 29.0 | 2599.20 | 2592.99 | 2335.03 | 1242.50 | 324.35 | 80.37 | 44.24 | 27.76 | 17.55 | 11.77 | 8.84 | 7.57 | 7.14 |
| G 30.0 | 2567.62 | 2561.12 | 2257.94 | 1136.56 | 288.87 | 76.50 | 42.17 | 26.21 | 16.04 | 11.00 | 8.23 | 7.00 | 6.63 |
| G 31.0 | 2533.56 | 2526.83 | 2165.02 | 1024.98 | 221.56 | 72.51 | 40.23 | 24.71 | 14.88 | 10.25 | 7.68 | 6.49 | 6.15 |
| G 32.0 | 2497.43 | 2490.18 | 2055.95 | 915.03 | 178.14 | 68.42 | 38.33 | 23.18 | 13.92 | 9.56 | 7.13 | 6.07 | 5.72 |
| G 33.0 | 2458.60 | 2450.43 | 1940.43 | 796.17 | 143.48 | 64.34 | 36.48 | 21.75 | 13.05 | 8.93 | 6.65 | 5.65 | 5.32 |
| G 34.0 | 2415.22 | 2409.12 | 1821.86 | 669.32 | 115.39 | 61.50 | 34.69 | 20.18 | 12.23 | 8.32 | 6.20 | 5.27 | 4.95 |
| G 35.0 | 2366.84 | 2366.55 | 1704.09 | 554.11 | 100.20 | 58.65 | 32.97 | 18.87 | 11.45 | 7.76 | 5.75 | 4.89 | 4.61 |
| G 36.0 | 2314.55 | 2321.62 | 1577.96 | 450.62 | 94.78 | 56.25 | 31.22 | 17.74 | 10.72 | 7.24 | 5.35 | 4.53 | 4.29 |
| G 37.0 | 2258.40 | 2275.02 | 1421.77 | 347.13 | 90.16 | 53.91 | 29.53 | 16.65 | 10.06 | 6.76 | 4.99 | 4.21 | 3.98 |
| G 38.0 | 2206.85 | 2208.63 | 1263.62 | 270.24 | 85.32 | 51.62 | 27.75 | 15.67 | 9.45 | 6.32 | 4.64 | 3.91 | 3.71 |
| G 39.0 | 2160.71 | 2114.28 | 1121.49 | 209.09 | 80.40 | 49.42 | 26.00 | 14.73 | 8.84 | 5.94 | 4.32 | 3.63 | 3.44 |
| G 40.0 | 2116.07 | 1979.15 | 941.26 | 158.53 | 76.04 | 47.23 | 24.42 | 13.81 | 8.30 | 5.57 | 4.04 | 3.39 | 3.20 |
| G 41.0 | 2069.12 | 1804.51 | 777.55 | 121.14 | 72.77 | 45.07 | 22.91 | 12.96 | 7.81 | 5.19 | 3.74 | 3.16 | 2.98 |
| G 42.0 | 1976.10 | 1605.98 | 648.35 | 104.39 | 70.04 | 42.72 | 21.46 | 12.18 | 7.33 | 4.88 | 3.50 | 2.93 | 2.78 |
| G 43.0 | 1823.90 | 1397.35 | 492.20 | 98.18 | 67.50 | 40.12 | 20.11 | 11.42 | 6.88 | 4.55 | 3.26 | 2.74 | 2.58 |
| G 44.0 | 1579.49 | 1182.38 | 367.75 | 91.89 | 65.04 | 37.55 | 18.84 | 10.70 | 6.44 | 4.24 | 3.03 | 2.55 | 2.40 |
| G 45.0 | 1307.40 | 973.58 | 243.31 | 86.03 | 62.72 | 35.10 | 17.62 | 10.04 | 6.03 | 3.98 | 2.83 | 2.37 | 2.24 |
| G 46.0 | 1045.52 | 733.18 | 172.27 | 81.20 | 60.41 | 32.76 | 16.50 | 9.39 | 5.66 | 3.71 | 2.63 | 2.21 | 2.08 |
| G 47.0 | 754.28 | 537.82 | 120.99 | 78.00 | 57.87 | 30.51 | 15.40 | 8.84 | 5.29 | 3.46 | 2.44 | 2.06 | 1.95 |
| G 48.0 | 533.69 | 342.45 | 102.21 | 75.42 | 54.99 | 28.36 | 14.39 | 8.27 | 4.95 | 3.24 | 2.28 | 1.90 | 1.82 |
| G 49.0 | 369.23 | 221.24 | 94.47 | 73.06 | 51.69 | 26.36 | 13.45 | 7.76 | 4.66 | 3.02 | 2.13 | 1.77 | 1.68 |
| G 50.0 | 204.76 | 140.45 | 86.63 | 70.99 | 48.49 | 24.46 | 12.56 | 7.27 | 4.35 | 2.81 | 1.98 | 1.65 | 1.57 |
| G 51.0 | 128.10 | 103.43 | 80.74 | 68.79 | 45.28 | 22.71 | 11.70 | 6.80 | 4.07 | 2.64 | 1.85 | 1.52 | 1.46 |
| G 52.0 | 101.77 | 94.86 | 77.10 | 66.37 | 42.12 | 21.00 | 10.92 | 6.35 | 3.82 | 2.46 | 1.70 | 1.41 | 1.35 |
| G 53.0 | 92.22 | 85.93 | 74.69 | 63.91 | 39.06 | 19.45 | 10.17 | 5.98 | 3.57 | 2.30 | 1.57 | 1.31 | 1.26 |
| G 54.0 | 83.35 | 79.24 | 72.54 | 60.88 | 36.11 | 17.94 | 9.48 | 5.60 | 3.34 | 2.15 | 1.46 | 1.22 | 1.17 |
| G 55.0 | 78.78 | 75.59 | 70.69 | 57.85 | 33.30 | 16.54 | 8.81 | 5.23 | 3.14 | 2.01 | 1.35 | 1.13 | 1.07 |
| G 56.0 | 75.24 | 73.29 | 68.89 | 54.34 | 30.53 | 15.23 | 8.24 | 4.88 | 2.92 | 1.87 | 1.26 | 1.05 | 1.00 |
| G 57.0 | 72.34 | 71.14 | 67.13 | 50.79 | 28.00 | 13.98 | 7.67 | 4.55 | 2.72 | 1.76 | 1.18 | 0.96 | 0.93 |
| G 58.0 | 69.89 | 69.26 | 65.26 | 47.20 | 25.60 | 12.86 | 7.11 | 4.24 | 2.55 | 1.63 | 1.10 | 0.89 | 0.86 |
| G 59.0 | 67.88 | 67.20 | 62.87 | 43.45 | 23.30 | 11.82 | 6.60 | 3.96 | 2.38 | 1.51 | 1.02 | 0.82 | 0.80 |
| G 60.0 | 66.05 | 65.71 | 60.23 | 39.93 | 21.18 | 10.82 | 6.10 | 3.68 | 2.22 | 1.42 | 0.96 | 0.76 | 0.74 |
| G 61.0 | 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 |
| G 62.0 | 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 |
| G 63.0 | 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 |
| G 64.0 | 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 |
| G 65.0 | 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 |
| G 66.0 | 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 |
| G 67.0 | 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 |
| G 68.0 | 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 |
| G 69.0 | 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 |
| G 70.0 | 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 |
| G 71.0 | 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 |
| G 72.0 | 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 |

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| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Tabla de Intensidad Luminosa cd/klm Tabla 2/4

| | C 195.00 | C 210.00 | C 225.00 | C 240.00 | C 255.00 | C 270.00 | C 285.00 | C 300.00 | C 315.00 | C 330.00 | C 345.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 0.0 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 | 454.38 |
| G 1.0 | 362.88 | 352.97 | 409.49 | 424.80 | 474.79 | 392.27 | 430.93 | 460.17 | 507.72 | 531.50 | 593.95 |
| G 2.0 | 255.22 | 270.59 | 328.35 | 346.68 | 419.58 | 376.75 | 449.62 | 519.74 | 605.23 | 659.14 | 734.07 |
| G 3.0 | 190.03 | 202.33 | 247.21 | 282.15 | 365.79 | 356.69 | 462.50 | 573.13 | 689.93 | 767.25 | 854.54 |
| G 4.0 | 138.49 | 154.27 | 193.04 | 229.29 | 311.99 | 332.85 | 467.91 | 615.77 | 759.19 | 872.77 | 991.85 |
| G 5.0 | 97.58 | 109.94 | 149.95 | 186.89 | 265.00 | 305.76 | 466.55 | 647.37 | 835.91 | 992.05 | 1144.56 |
| G 6.0 | 69.67 | 78.85 | 110.79 | 150.04 | 225.61 | 277.93 | 460.01 | 672.21 | 913.99 | 1107.88 | 1296.78 |
| G 7.0 | 58.36 | 67.22 | 81.55 | 115.42 | 190.83 | 250.49 | 444.98 | 693.45 | 984.94 | 1214.86 | 1469.40 |
| G 8.0 | 52.74 | 55.60 | 63.51 | 88.53 | 159.58 | 224.10 | 425.08 | 710.68 | 1046.93 | 1333.98 | 1637.68 |
| G 9.0 | 46.91 | 50.33 | 57.64 | 68.29 | 129.07 | 198.72 | 400.65 | 721.77 | 1104.11 | 1454.79 | 1787.05 |
| G 10.0 | 41.09 | 44.42 | 52.82 | 62.64 | 102.85 | 173.33 | 373.08 | 726.65 | 1160.41 | 1557.02 | 1917.53 |
| G 11.0 | 35.62 | 38.66 | 47.28 | 56.98 | 80.58 | 148.05 | 344.23 | 724.79 | 1211.18 | 1642.60 | 2052.84 |
| G 12.0 | 31.40 | 33.61 | 41.74 | 52.54 | 67.67 | 123.56 | 315.01 | 715.11 | 1250.64 | 1722.62 | 2191.83 |
| G 13.0 | 28.56 | 30.24 | 36.52 | 47.40 | 63.32 | 103.09 | 284.22 | 698.30 | 1274.43 | 1797.09 | 2314.83 |
| G 14.0 | 26.13 | 27.59 | 32.55 | 42.12 | 59.66 | 84.22 | 251.87 | 672.73 | 1286.31 | 1864.69 | 2415.17 |
| G 15.0 | 23.97 | 25.29 | 29.71 | 37.54 | 55.76 | 72.98 | 219.22 | 639.91 | 1285.79 | 1922.36 | 2489.09 |
| G 16.0 | 22.10 | 23.24 | 27.29 | 34.13 | 51.11 | 69.07 | 187.64 | 601.76 | 1275.30 | 1968.16 | 2543.28 |
| G 17.0 | 20.47 | 21.54 | 25.13 | 31.53 | 46.64 | 66.11 | 158.14 | 560.99 | 1258.27 | 2004.06 | 2585.17 |
| G 18.0 | 19.01 | 19.96 | 23.26 | 29.23 | 42.17 | 62.99 | 132.22 | 517.94 | 1233.85 | 2031.04 | 2616.12 |
| G 19.0 | 17.55 | 18.61 | 21.71 | 27.07 | 38.89 | 59.23 | 110.91 | 472.38 | 1202.78 | 2046.28 | 2638.44 |
| G 20.0 | 16.22 | 17.37 | 20.36 | 25.16 | 36.47 | 55.20 | 92.32 | 424.02 | 1166.54 | 2049.79 | 2652.07 |
| G 21.0 | 14.90 | 16.12 | 19.16 | 23.80 | 34.30 | 51.32 | 83.17 | 372.50 | 1126.03 | 2044.27 | 2656.85 |
| G 22.0 | 13.60 | 14.91 | 17.97 | 22.60 | 32.34 | 48.43 | 79.93 | 320.99 | 1076.33 | 2027.93 | 2653.45 |
| G 23.0 | 12.17 | 13.63 | 16.77 | 21.43 | 30.74 | 45.54 | 77.00 | 270.14 | 1011.78 | 2001.29 | 2645.52 |
| G 24.0 | 11.03 | 12.48 | 15.60 | 20.23 | 29.35 | 43.63 | 73.87 | 224.40 | 942.33 | 1969.54 | 2632.57 |
| G 25.0 | 10.16 | 11.40 | 14.49 | 19.10 | 28.08 | 42.00 | 70.32 | 184.72 | 870.24 | 1928.81 | 2614.10 |
| G 26.0 | 9.41 | 10.63 | 13.47 | 18.00 | 26.82 | 40.57 | 66.85 | 150.96 | 808.20 | 1882.15 | 2591.38 |
| G 27.0 | 8.75 | 9.88 | 12.52 | 16.96 | 25.58 | 39.25 | 63.70 | 124.51 | 744.52 | 1829.65 | 2564.17 |
| G 28.0 | 8.12 | 9.20 | 11.68 | 15.90 | 24.38 | 37.98 | 61.63 | 105.73 | 669.62 | 1764.04 | 2533.27 |
| G 29.0 | 7.53 | 8.58 | 10.88 | 14.86 | 23.17 | 36.70 | 59.57 | 99.56 | 583.50 | 1682.69 | 2498.35 |
| G 30.0 | 7.00 | 8.03 | 10.18 | 13.88 | 21.90 | 35.36 | 58.12 | 96.20 | 485.95 | 1584.69 | 2459.75 |
| G 31.0 | 6.51 | 7.49 | 9.52 | 12.97 | 20.55 | 33.99 | 56.77 | 92.72 | 388.40 | 1481.37 | 2416.32 |
| G 32.0 | 6.09 | 6.95 | 8.86 | 12.12 | 19.22 | 32.53 | 55.39 | 89.15 | 301.76 | 1371.86 | 2367.36 |
| G 33.0 | 5.67 | 6.49 | 8.29 | 11.32 | 17.98 | 30.82 | 53.99 | 85.71 | 237.54 | 1253.35 | 2309.66 |
| G 34.0 | 5.27 | 6.05 | 7.74 | 10.59 | 16.80 | 28.90 | 52.57 | 82.53 | 185.18 | 1132.05 | 2243.73 |
| G 35.0 | 4.92 | 5.66 | 7.22 | 9.91 | 15.73 | 27.12 | 51.06 | 80.12 | 146.32 | 1018.19 | 2167.27 |
| G 36.0 | 4.59 | 5.27 | 6.75 | 9.27 | 14.69 | 25.35 | 49.33 | 78.30 | 120.17 | 899.68 | 2075.45 |
| G 37.0 | 4.27 | 4.93 | 6.31 | 8.67 | 13.75 | 23.71 | 47.28 | 76.56 | 114.21 | 766.57 | 1961.71 |
| G 38.0 | 4.00 | 4.61 | 5.93 | 8.12 | 12.86 | 22.13 | 44.77 | 74.81 | 109.60 | 622.39 | 1820.68 |
| G 39.0 | 3.73 | 4.28 | 5.55 | 7.63 | 12.01 | 20.67 | 42.07 | 73.06 | 104.81 | 484.39 | 1658.91 |
| G 40.0 | 3.45 | 4.03 | 5.19 | 7.15 | 11.23 | 19.29 | 39.44 | 71.23 | 100.10 | 376.22 | 1482.29 |
| G 41.0 | 3.23 | 3.74 | 4.85 | 6.69 | 10.48 | 17.96 | 36.89 | 69.38 | 95.76 | 288.06 | 1298.57 |
| G 42.0 | 3.01 | 3.49 | 4.56 | 6.26 | 9.77 | 16.70 | 34.41 | 67.28 | 92.61 | 190.94 | 1113.49 |
| G 43.0 | 2.80 | 3.26 | 4.26 | 5.87 | 9.15 | 15.53 | 32.00 | 64.63 | 90.05 | 140.75 | 907.25 |
| G 44.0 | 2.62 | 3.05 | 3.99 | 5.49 | 8.56 | 14.45 | 29.70 | 61.55 | 87.59 | 118.01 | 708.87 |
| G 45.0 | 2.44 | 2.85 | 3.76 | 5.15 | 7.96 | 13.42 | 27.49 | 58.20 | 85.27 | 111.42 | 526.29 |
| G 46.0 | 2.26 | 2.66 | 3.51 | 4.82 | 7.43 | 12.46 | 25.45 | 54.77 | 83.06 | 104.90 | 343.72 |
| G 47.0 | 2.13 | 2.50 | 3.28 | 4.51 | 6.94 | 11.54 | 23.47 | 51.26 | 80.75 | 98.45 | 227.10 |
| G 48.0 | 1.98 | 2.32 | 3.08 | 4.23 | 6.46 | 10.72 | 21.62 | 47.84 | 78.09 | 93.58 | 151.67 |
| G 49.0 | 1.84 | 2.19 | 2.88 | 3.96 | 6.07 | 9.93 | 19.89 | 44.42 | 75.59 | 90.24 | 111.50 |
| G 50.0 | 1.73 | 2.04 | 2.69 | 3.70 | 5.67 | 9.22 | 18.29 | 41.06 | 72.53 | 87.13 | 102.76 |
| G 51.0 | 1.61 | 1.91 | 2.53 | 3.47 | 5.28 | 8.53 | 16.76 | 37.81 | 69.08 | 84.41 | 93.64 |
| G 52.0 | 1.49 | 1.79 | 2.36 | 3.23 | 4.93 | 7.87 | 15.39 | 34.66 | 65.42 | 81.67 | 87.06 |
| G 53.0 | 1.40 | 1.66 | 2.20 | 3.01 | 4.58 | 7.29 | 14.07 | 31.73 | 61.49 | 78.95 | 83.20 |
| G 54.0 | 1.30 | 1.56 | 2.07 | 2.83 | 4.26 | 6.72 | 12.83 | 28.93 | 57.55 | 76.65 | 79.73 |
| G 55.0 | 1.21 | 1.46 | 1.92 | 2.63 | 3.97 | 6.22 | 11.72 | 26.28 | 53.40 | 74.38 | 76.78 |
| G 56.0 | 1.13 | 1.35 | 1.80 | 2.44 | 3.67 | 5.78 | 10.69 | 23.82 | 49.25 | 71.93 | 73.92 |
| G 57.0 | 1.05 | 1.26 | 1.69 | 2.29 | 3.40 | 5.31 | 9.72 | 21.51 | 45.18 | 69.15 | 71.59 |
| G 58.0 | 0.97 | 1.18 | 1.57 | 2.13 | 3.15 | 4.88 | 8.86 | 19.34 | 41.16 | 65.89 | 69.52 |
| G 59.0 | 0.91 | 1.09 | 1.46 | 1.97 | 2.90 | 4.49 | 8.09 | 17.36 | 37.24 | 62.28 | 67.84 |
| G 60.0 | 0.85 | 1.02 | 1.36 | 1.83 | 2.69 | 4.10 | 7.32 | 15.58 | 33.54 | 58.38 | 66.04 |
| G 61.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 62.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 63.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 64.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 65.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 66.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 67.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 68.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 69.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 70.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 71.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 72.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

Luminaria

Código 05-6488-14-14

Nombre RADAR

Ensayo

Código 05-6488-14-14

Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Tabla de Intensidad Luminosa cd/klm Tabla 3/4

| | C 0.00 | C 15.00 | C 30.00 | C 45.00 | C 60.00 | C 75.00 | C 90.00 | C 105.00 | C 120.00 | C 135.00 | C 150.00 | C 165.00 | C 180.00 |
|--------|--------|---------|---------|---------|---------|---------|---------|----------|----------|----------|----------|----------|----------|
| G 73.0 | 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 |
| G 74.0 | 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 |
| G 75.0 | 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 |
| G 76.0 | 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 |
| G 77.0 | 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 |
| G 78.0 | 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 |
| G 79.0 | 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 |
| G 80.0 | 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 |
| G 81.0 | 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 |
| G 82.0 | 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 |
| G 83.0 | 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 |
| G 84.0 | 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 |
| G 85.0 | 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 |
| G 86.0 | 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 |
| G 87.0 | 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 |
| G 88.0 | 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 |
| G 89.0 | 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 |
| 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 05-6488-14-14

Nombre RADAR

Ensayo

Código 05-6488-14-14

Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Tabla de Intensidad Luminosa cd/klm Tabla 4/4

| | C 195.00 | C 210.00 | C 225.00 | C 240.00 | C 255.00 | C 270.00 | C 285.00 | C 300.00 | C 315.00 | C 330.00 | C 345.00 |
|--------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| G 73.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 74.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 75.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 76.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 77.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 78.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 79.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 80.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 81.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 82.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 83.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 84.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 85.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 86.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 87.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 88.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 89.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 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 |

LEDS C4[®]

Luminaria

Código 05-6488-14-14
Nombre RADAR

Ensayo

Código 05-6488-14-14
Nombre RADAR

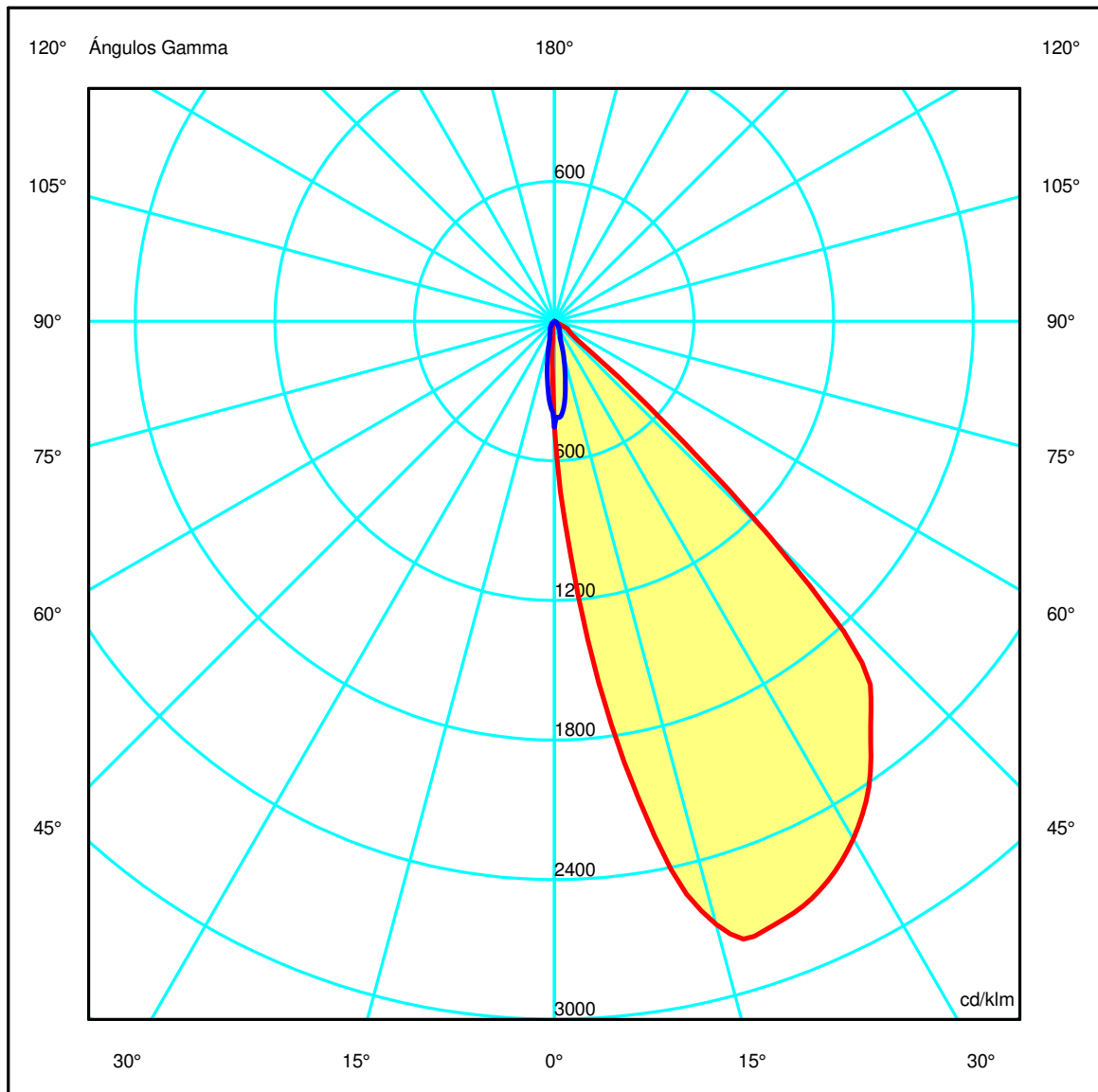
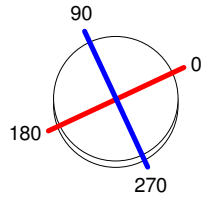
| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Diam=110mm

Semiplanos C

180.0 ————— 0.0

270.0 ————— 90.0



LEDS C4[®]

Luminaria

Código 05-6488-14-14

Nombre RADAR

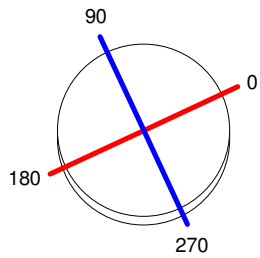
Ensayo

Código 05-6488-14-14

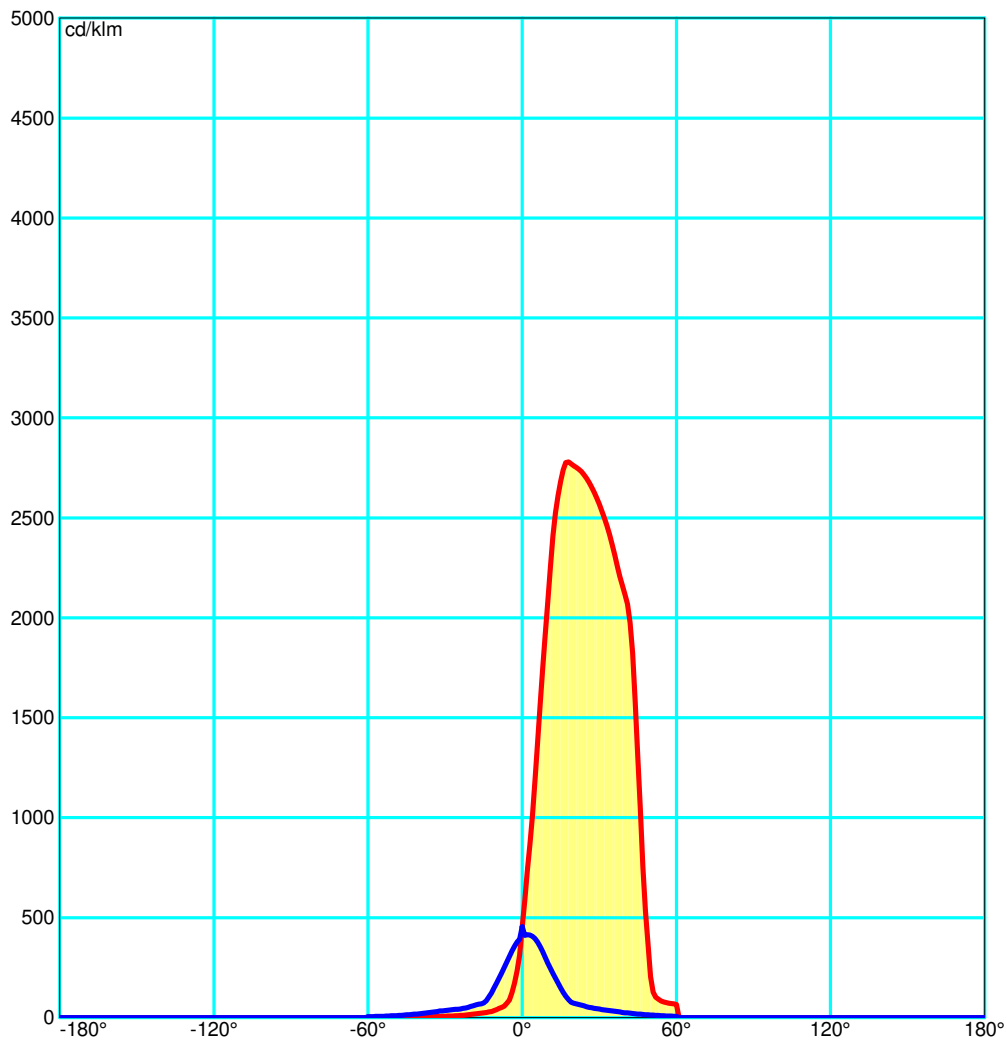
Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Diam=110mm



Semiplanos C



Luminaria

Código 05-6488-14-14

Nombre RADAR

Ensayo

Código 05-6488-14-14

Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

UGR
S = 0.250

| Reflectancias | | | | | | | | | | |
|----------------|------------------|-----|-----|-----|-----|----------------|------|------|------|------|
| 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 | < 0 | < 0 | < 0 | < 0 | < 0 | 14.8 | 15.5 | 15.0 | 15.7 | 16.0 |
| x=2H y=3H | < 0 | < 0 | < 0 | < 0 | < 0 | 14.6 | 15.3 | 14.9 | 15.6 | 15.8 |
| x=2H y=4H | < 0 | < 0 | < 0 | < 0 | < 0 | 14.6 | 15.2 | 14.9 | 15.5 | 15.7 |
| x=2H y=6H | < 0 | < 0 | < 0 | < 0 | < 0 | 14.5 | 15.1 | 14.8 | 15.4 | 15.7 |
| x=2H y=8H | < 0 | < 0 | < 0 | < 0 | < 0 | 14.5 | 15.0 | 14.8 | 15.3 | 15.6 |
| x=2H y=12H | < 0 | < 0 | < 0 | < 0 | < 0 | 14.4 | 14.9 | 14.8 | 15.3 | 15.6 |
| x=4H y=2H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.8 | 16.4 | 16.1 | 16.7 | 16.9 |
| x=4H y=3H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.6 | 16.2 | 16.0 | 16.5 | 16.8 |
| x=4H y=4H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.6 | 16.0 | 15.9 | 16.4 | 16.7 |
| x=4H y=6H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.5 | 15.9 | 15.9 | 16.3 | 16.6 |
| x=4H y=8H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.5 | 15.8 | 15.9 | 16.2 | 16.6 |
| x=4H y=12H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.4 | 15.7 | 15.9 | 16.1 | 16.5 |
| x=8H y=4H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.5 | 15.8 | 15.9 | 16.2 | 16.6 |
| x=8H y=6H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.4 | 15.6 | 15.8 | 16.1 | 16.5 |
| x=8H y=8H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.3 | 15.5 | 15.8 | 16.0 | 16.5 |
| x=8H y=12H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.3 | 15.5 | 15.7 | 15.9 | 16.4 |
| x=12H y=4H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.4 | 15.7 | 15.9 | 16.1 | 16.5 |
| x=12H y=6H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.3 | 15.5 | 15.8 | 16.0 | 16.5 |
| x=12H y=8H | < 0 | < 0 | < 0 | < 0 | < 0 | 15.3 | 15.5 | 15.7 | 15.9 | 16.4 |

Luminaria

Código 05-6488-14-14

Nombre RADAR

Ensayo

Código 05-6488-14-14

Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Flujo Total= 50.22 Flujo Luminaria= 50.22

| | | | | | | | | | | | | |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| 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 | 0.63 | 0.70 | 0.75 | 0.80 | 0.84 | 0.89 | 0.92 | 0.94 | 0.96 | 0.97 | 0.99 | 1.00 |
| RC | - | - | - | - | - | - | - | - | - | - | - | - |

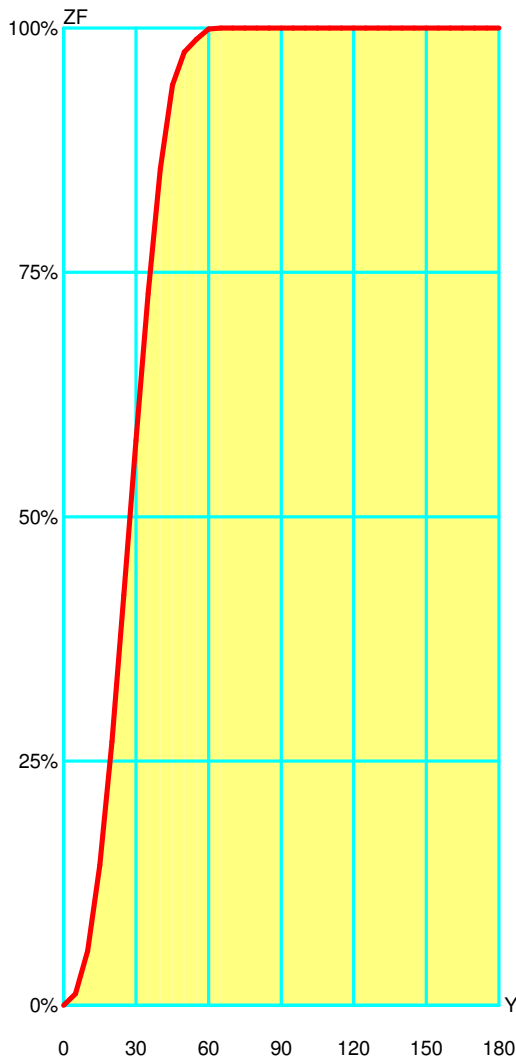
Flujo Zonal por 1000 Lúmenes

| | | | | | | | | | | | | | | | | | | |
|-------|----|-----|-----|-----|-----|-----|------|------|------|------|------|------|------|------|------|------|------|------|
| Y° | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 | 110 | 120 | 130 | 140 | 150 | 160 | 170 | 180 |
| ZF(Y) | 56 | 270 | 578 | 856 | 975 | 999 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |

Códigos de Flujo C.I.E.

88 100 100 100 100

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



| Gamma ° | Flujo Zonal | | | |
|---------|-------------|---------|-----------|----------|
| | Flujo | Suma lm | Flujo [%] | Suma [%] |
| 0° | 0.00 | 0.00 | 0.00% | 0.00 % |
| 5° | 11.80 | 11.80 | 1.18 % | 1.18 % |
| 10° | 43.91 | 55.72 | 4.39 % | 5.57 % |
| 15° | 87.72 | 143.44 | 8.77 % | 14.34 % |
| 20° | 126.56 | 270.00 | 12.66 % | 27.00 % |
| 25° | 149.88 | 419.89 | 14.99 % | 41.99 % |
| 30° | 158.28 | 578.16 | 15.83 % | 57.82 % |
| 35° | 150.18 | 728.35 | 15.02 % | 72.83 % |
| 40° | 127.44 | 855.79 | 12.74 % | 85.58 % |
| 45° | 86.01 | 941.80 | 8.60 % | 94.18 % |
| 50° | 33.58 | 975.37 | 3.36 % | 97.54 % |
| 55° | 13.26 | 988.63 | 1.33 % | 98.86 % |
| 60° | 10.43 | 999.06 | 1.04 % | 99.91 % |
| 65° | 0.94 | 1000.00 | 0.09 % | 100.00 % |
| 70° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 75° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 80° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 85° | 0.00 | 1000.00 | 0.00 % | 100.00 % |
| 90° | 0.00 | 1000.00 | 0.00 % | 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 05-6488-14-14
 Nombre RADAR

Ensayo

 Código 05-6488-14-14
 Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

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 | 174 | 156 | 109 | 98 | 149 | 94 | 98 | 83 | 59 | 50 | 35 | 26 | 18 | 12 | 47 | 28 | 25 | 14 | 11 | 24 | 12 | 10 | 0 | | | | |
| 0.80 | 206 | 189 | 116 | 107 | 180 | 102 | 127 | 111 | 68 | 60 | 43 | 34 | 25 | 18 | 56 | 36 | 33 | 21 | 17 | 31 | 18 | 16 | 0 | | | | |
| 1.00 | 228 | 212 | 115 | 108 | 202 | 103 | 150 | 134 | 73 | 65 | 50 | 41 | 32 | 24 | 61 | 42 | 39 | 27 | 23 | 37 | 24 | 21 | 0 | | | | |
| 1.25 | 249 | 235 | 115 | 109 | 224 | 104 | 175 | 159 | 77 | 71 | 56 | 48 | 39 | 31 | 66 | 49 | 45 | 34 | 30 | 43 | 31 | 28 | 0 | | | | |
| 1.50 | 266 | 253 | 114 | 109 | 241 | 105 | 195 | 179 | 81 | 75 | 61 | 53 | 46 | 38 | 70 | 54 | 51 | 41 | 36 | 48 | 37 | 33 | 0 | | | | |
| 2.00 | 288 | 277 | 109 | 105 | 264 | 102 | 225 | 211 | 84 | 79 | 69 | 62 | 56 | 48 | 75 | 62 | 59 | 51 | 46 | 56 | 46 | 43 | 0 | | | | |
| 2.50 | 303 | 293 | 106 | 103 | 280 | 100 | 247 | 234 | 86 | 82 | 74 | 68 | 63 | 56 | 78 | 67 | 65 | 58 | 54 | 62 | 54 | 50 | 0 | | | | |
| 3.00 | 314 | 306 | 104 | 101 | 292 | 98 | 264 | 252 | 87 | 84 | 78 | 72 | 69 | 62 | 80 | 72 | 69 | 64 | 60 | 67 | 60 | 56 | 0 | | | | |
| 4.00 | 331 | 324 | 103 | 101 | 310 | 99 | 287 | 277 | 91 | 88 | 83 | 79 | 77 | 71 | 85 | 78 | 76 | 72 | 69 | 73 | 68 | 65 | 0 | | | | |
| 5.00 | 342 | 336 | 103 | 102 | 322 | 100 | 303 | 294 | 93 | 91 | 87 | 83 | 82 | 77 | 88 | 83 | 81 | 78 | 75 | 78 | 74 | 70 | 0 | | | | |
| 10.00 | 365 | 362 | 104 | 103 | 348 | 101 | 338 | 333 | 99 | 98 | 96 | 94 | 94 | 91 | 95 | 92 | 91 | 90 | 88 | 89 | 87 | 84 | 0 | | | | |
| 20.00 | 378 | 377 | 104 | 104 | 362 | 102 | 358 | 355 | 102 | 101 | 101 | 100 | 101 | 99 | 99 | 98 | 98 | 98 | 97 | 95 | 95 | 92 | 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 | 322 | 313 | 240 | 235 | 308 | 232 | 242 | 236 | 187 | 183 | 157 | 154 | 135 | 133 | 181 | 154 | 153 | 134 | 133 | 152 | 133 | 132 | 110 |
| 0.80 | 355 | 344 | 251 | 246 | 337 | 243 | 274 | 266 | 202 | 198 | 174 | 170 | 152 | 149 | 195 | 170 | 168 | 150 | 149 | 167 | 149 | 147 | 121 |
| 1.00 | 369 | 359 | 248 | 243 | 349 | 239 | 291 | 282 | 204 | 200 | 178 | 174 | 158 | 155 | 196 | 174 | 172 | 155 | 154 | 170 | 153 | 152 | 123 |
| 1.25 | 383 | 373 | 244 | 240 | 361 | 236 | 308 | 298 | 206 | 202 | 183 | 178 | 164 | 160 | 197 | 177 | 175 | 161 | 159 | 173 | 158 | 156 | 123 |
| 1.50 | 393 | 384 | 240 | 237 | 370 | 232 | 321 | 311 | 206 | 202 | 185 | 181 | 168 | 164 | 197 | 179 | 177 | 164 | 162 | 174 | 161 | 158 | 123 |
| 2.00 | 393 | 384 | 219 | 217 | 368 | 212 | 327 | 317 | 192 | 189 | 176 | 172 | 163 | 158 | 183 | 169 | 167 | 157 | 154 | 163 | 153 | 149 | 110 |
| 2.50 | 389 | 381 | 201 | 199 | 362 | 194 | 328 | 318 | 179 | 176 | 166 | 162 | 155 | 150 | 169 | 158 | 156 | 148 | 146 | 151 | 143 | 138 | 97 |
| 3.00 | 381 | 374 | 183 | 181 | 354 | 176 | 325 | 315 | 164 | 162 | 154 | 150 | 145 | 140 | 154 | 145 | 144 | 138 | 135 | 138 | 131 | 126 | 83 |
| 4.00 | 381 | 375 | 170 | 169 | 353 | 163 | 329 | 321 | 155 | 153 | 147 | 143 | 140 | 135 | 144 | 138 | 136 | 132 | 129 | 129 | 124 | 118 | 72 |
| 5.00 | 380 | 375 | 161 | 160 | 351 | 155 | 332 | 324 | 148 | 146 | 141 | 138 | 136 | 131 | 137 | 132 | 130 | 127 | 124 | 123 | 119 | 112 | 64 |
| 10.00 | 361 | 358 | 124 | 124 | 331 | 118 | 320 | 316 | 115 | 114 | 112 | 110 | 109 | 106 | 103 | 101 | 100 | 99 | 97 | 91 | 89 | 80 | 29 |
| 20.00 | 307 | 305 | 60 | 59 | 276 | 53 | 271 | 268 | 53 | 52 | 52 | 51 | 51 | 50 | 41 | 40 | 40 | 40 | 39 | 30 | 29 | 19 | 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 | 836 | 826 | 780 | 774 | 819 | 770 | 740 | 733 | 712 | 709 | 674 | 670 | 645 | 644 | 706 | 670 | 669 | 644 | 643 | 668 | 643 | 642 | 632 |
| 0.80 | 916 | 904 | 844 | 838 | 895 | 833 | 817 | 808 | 779 | 774 | 741 | 736 | 712 | 709 | 770 | 736 | 734 | 710 | 708 | 733 | 708 | 707 | 696 |
| 1.00 | 982 | 970 | 895 | 889 | 956 | 883 | 884 | 873 | 836 | 831 | 801 | 795 | 773 | 769 | 825 | 794 | 792 | 770 | 768 | 789 | 767 | 765 | 755 |
| 1.25 | 1000 | 1000 | 935 | 930 | 1000 | 923 | 941 | 929 | 882 | 877 | 850 | 844 | 825 | 819 | 869 | 842 | 839 | 819 | 817 | 836 | 815 | 812 | 803 |
| 1.50 | 1000 | 1000 | 962 | 958 | 1000 | 950 | 984 | 971 | 914 | 909 | 885 | 878 | 861 | 855 | 900 | 875 | 873 | 855 | 852 | 868 | 849 | 845 | 836 |
| 2.00 | 1000 | 1000 | 1000 | 998 | 1000 | 990 | 1000 | 1000 | 962 | 958 | 940 | 933 | 921 | 913 | 947 | 928 | 926 | 912 | 908 | 919 | 904 | 898 | 890 |
| 2.50 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 992 | 987 | 973 | 967 | 958 | 950 | 975 | 960 | 958 | 947 | 943 | 949 | 938 | 930 | 922 |
| 3.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 997 | 991 | 984 | 976 | 995 | 983 | 980 | 972 | 968 | 970 | 961 | 952 | 945 |
| 4.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 995 | 991 | 989 | 983 | 971 | 964 |
| 5.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 995 | 982 | 974 |
| 10.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 994 |
| 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: 2.145 SHR C90-C270: 0.389 SHR Superficial: 1.133

LEDS C4⁺

Luminaria

Código 05-6488-14-14
Nombre RADAR

Ensayo

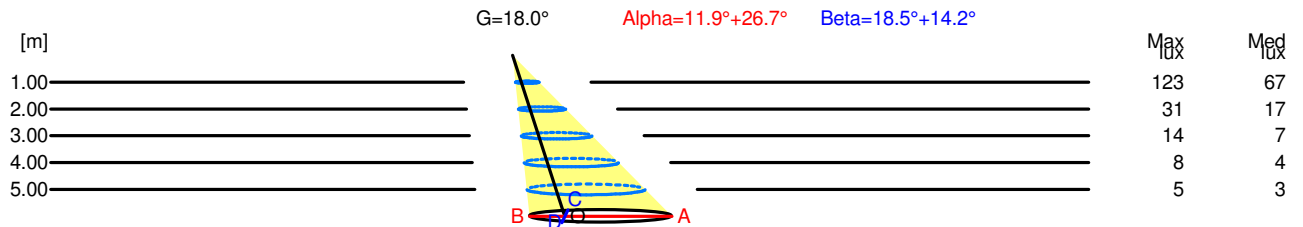
Código 05-6488-14-14
Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Apertura a 50.00 % de Max Intensidad

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 | H[m] | 1.00 | 2.00 | 3.00 | 4.00 | 5.00 |
| OA | 0.66 | 1.33 | 1.99 | 2.66 | 3.32 | OC | 0.35 | 0.70 | 1.05 | 1.40 | 1.76 |
| OB | 0.22 | 0.44 | 0.66 | 0.87 | 1.09 | OD | 0.27 | 0.53 | 0.80 | 1.06 | 1.33 |

| | Intensidades Luminosas [cd/klm] | | | | | | | | | |
|----|-----------------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 22.82 | 59.63 | 134.68 | 255.49 | 358.86 | 456.66 | 559.96 | 658.00 | 751.00 | 839.00 |
| OB | 22.82 | 4.43 | 1.19 | 0.48 | 0.23 | 0.11 | 0.05 | 0.00 | 0.00 | 0.00 |
| OC | 22.82 | 19.82 | 7.46 | 2.75 | 1.66 | 0.88 | 0.44 | 0.00 | 0.00 | 0.00 |
| OD | 22.82 | 15.36 | 3.67 | 2.11 | 1.36 | 0.67 | 0.31 | 0.00 | 0.00 | 0.00 |



| H[m] | D[m] | Max lux | Med lux | Alpha=11.9°+26.7° | G=18.0 |
|------|------|---------|---------|-------------------|--------|
| 1.00 | 0.88 | 123 | 67 | | |
| 2.00 | 1.77 | 31 | 17 | | |
| 3.00 | 2.65 | 14 | 7 | | |
| 4.00 | 3.53 | 8 | 4 | | |
| 5.00 | 4.42 | 5 | 3 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=14.2°+18.5° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.62 | 123 | 67 | | |
| 2.00 | 1.23 | 31 | 17 | | |
| 3.00 | 1.85 | 14 | 7 | | |
| 4.00 | 2.47 | 8 | 4 | | |
| 5.00 | 3.08 | 5 | 3 | | |

LEDS C4[®]

Luminaria

Código 05-6488-14-14

Nombre RADAR

Ensayo

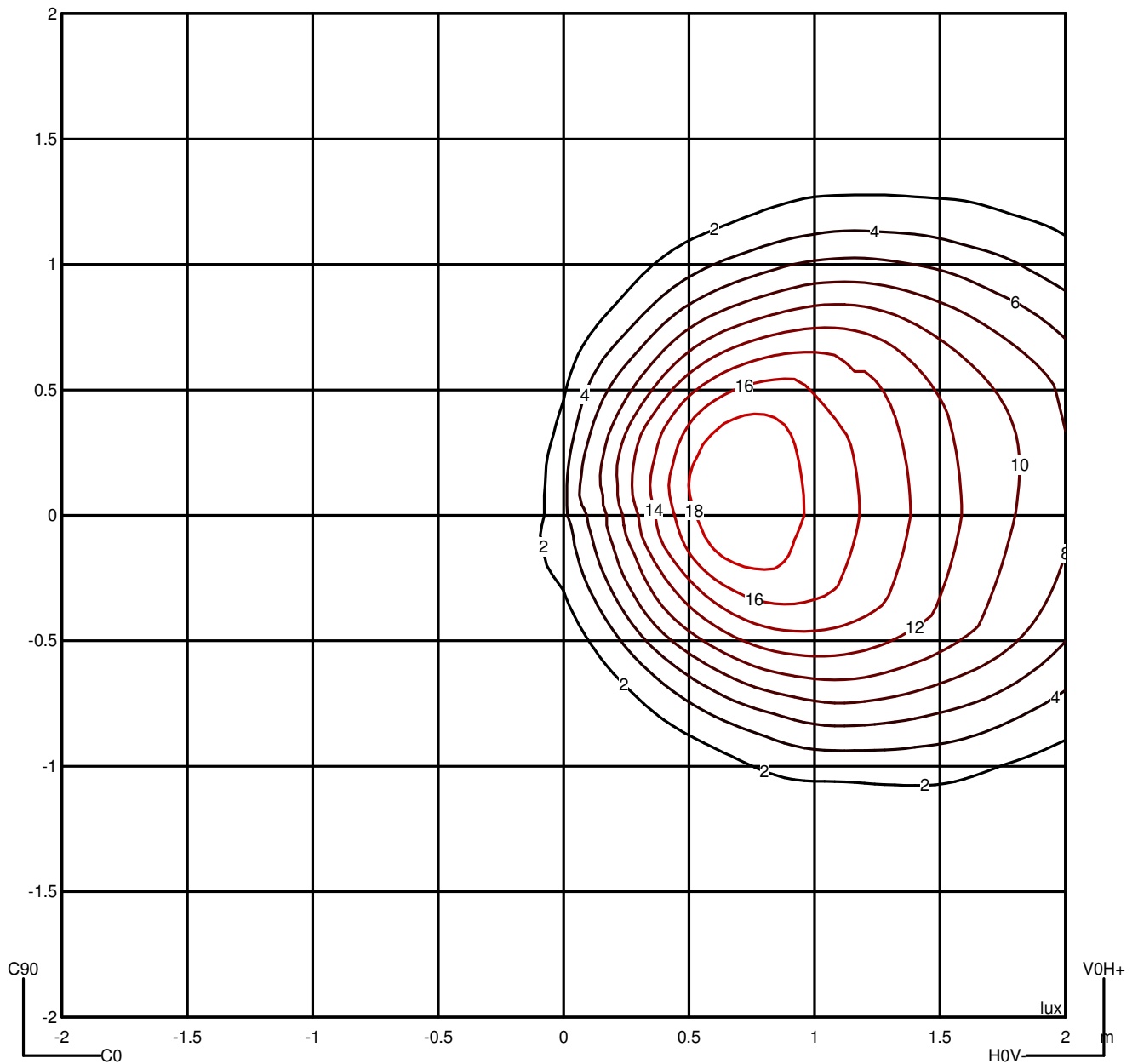
Código 05-6488-14-14

Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Isolux (Suelo)

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



LEDS C4[®]

Luminaria

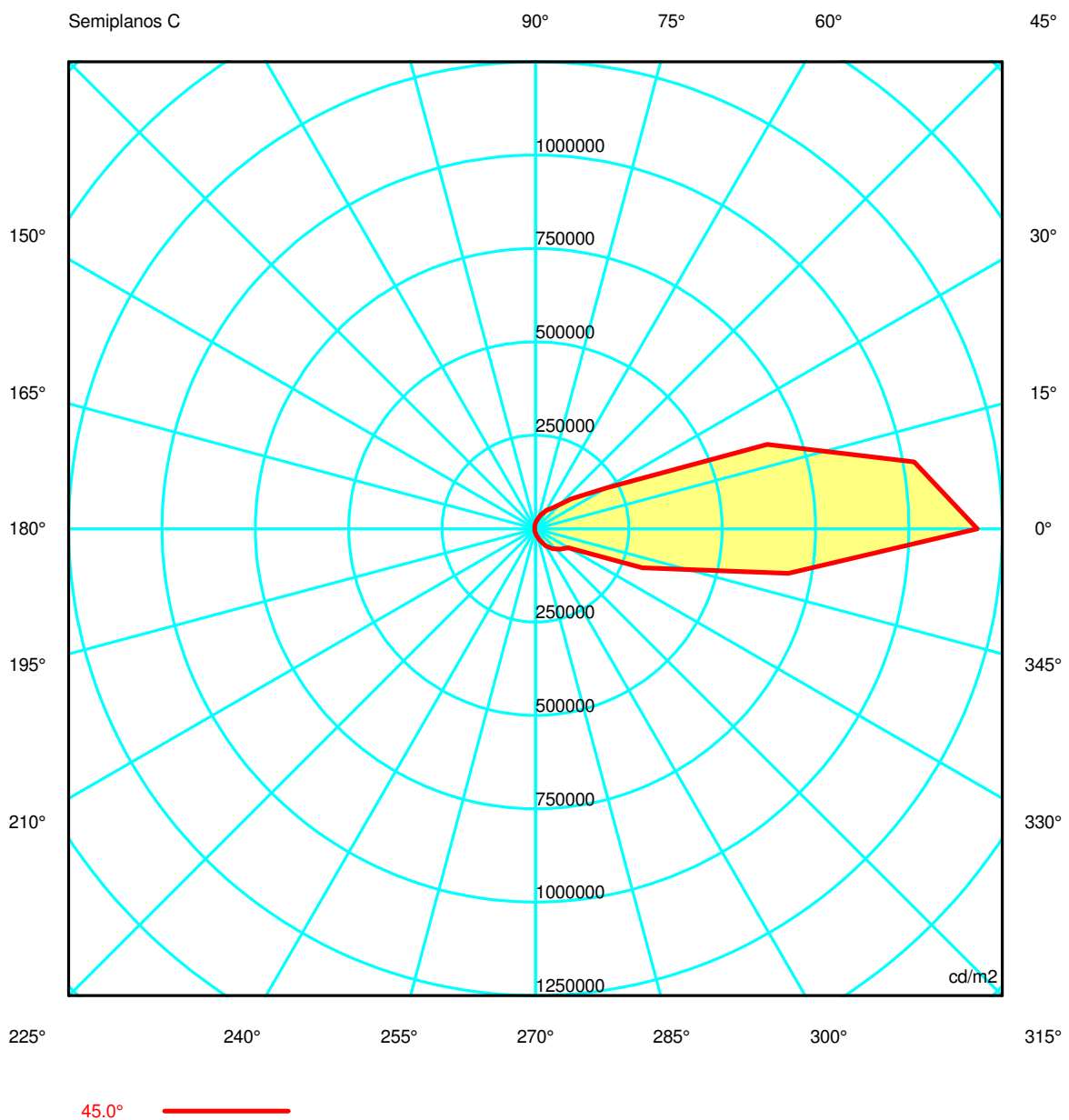
Código 05-6488-14-14
Nombre RADAR

Ensayo

Código 05-6488-14-14
Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Luminancia



Luminaria

Código 05-6488-14-14

Nombre RADAR

Ensayo

Código 05-6488-14-14

Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

Luminance cd/m2 Tabla 1/3

| | C 0.00 | C 10.00 | C 20.00 | C 30.00 | C 40.00 | C 50.00 | C 60.00 | C 70.00 | C 80.00 | C 90.00 | C 100.00 | C 110.00 | C 120.00 |
|--------|------------|------------|------------|------------|------------|------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| G 0.0 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 |
| G 5.0 | 762121.67 | 789168.48 | 781411.59 | 741129.08 | 696012.92 | 630243.71 | 551937.24 | 484820.61 | 378196.98 | 253268.18 | 191757.34 | 155850.62 | 121085.92 |
| G 10.0 | 1351029.80 | 1381021.72 | 1334921.92 | 1224066.10 | 1112615.10 | 935317.31 | 711822.26 | 538913.22 | 354441.10 | 176951.70 | 105071.62 | 73836.01 | 44132.87 |
| G 15.0 | 1775297.39 | 1788433.94 | 1749812.92 | 1620869.06 | 1385881.75 | 1069770.54 | 740627.60 | 475376.92 | 256163.21 | 98336.19 | 46975.53 | 39085.96 | 30937.43 |
| G 20.0 | 1878332.25 | 1883218.41 | 1877706.04 | 1771344.59 | 1453624.69 | 1047145.91 | 656684.25 | 320889.32 | 117916.38 | 48538.12 | 33799.75 | 29213.56 | 21661.52 |
| G 25.0 | 1903443.44 | 1902306.96 | 1863653.07 | 1787481.78 | 1366127.72 | 854483.24 | 438417.87 | 167395.33 | 53004.13 | 38675.24 | 29934.25 | 20575.63 | 16352.13 |
| G 30.0 | 1895770.99 | 1892571.09 | 1869742.65 | 1667119.71 | 1141040.75 | 570947.39 | 198514.17 | 71031.46 | 46719.04 | 31132.66 | 22334.00 | 16559.75 | 11841.01 |
| G 35.0 | 1847524.53 | 1847374.83 | 1744670.78 | 1330194.30 | 707484.70 | 245021.80 | 78217.01 | 46720.28 | 41180.82 | 25737.40 | 17045.20 | 12596.29 | 8941.43 |
| G 40.0 | 1766286.95 | 1690094.56 | 1418375.26 | 785674.04 | 279267.94 | 109375.00 | 63472.48 | 47438.17 | 30259.73 | 20382.04 | 14006.80 | 9582.74 | 6925.45 |
| G 45.0 | 1182247.31 | 1029487.13 | 659825.09 | 220018.02 | 125200.79 | 74529.59 | 56713.14 | 39079.51 | 25395.43 | 15931.21 | 10726.72 | 7662.45 | 5449.51 |
| G 50.0 | 203686.98 | 161054.56 | 118746.67 | 86178.97 | 74278.71 | 64765.45 | 48232.90 | 31259.96 | 19092.43 | 12491.46 | 8610.00 | 6076.10 | 4331.04 |
| G 55.0 | 87821.54 | 85514.25 | 82882.57 | 78800.69 | 70973.29 | 55917.08 | 37119.58 | 23259.09 | 14740.48 | 9817.77 | 6884.35 | 4921.46 | 3498.88 |
| G 60.0 | 84464.73 | 84331.84 | 83315.93 | 77027.11 | 60732.44 | 42006.25 | 27089.27 | 17201.02 | 11274.14 | 7806.91 | 5556.45 | 3968.91 | 2834.23 |
| G 65.0 | 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 |
| G 70.0 | 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 |
| G 75.0 | 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 |
| G 80.0 | 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 |
| G 85.0 | 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 |
| 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 05-6488-14-14

Nombre RADAR

Ensayo

Código 05-6488-14-14

Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

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 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 |
| G 5.0 | 101008.93 | 84917.09 | 70555.75 | 66036.14 | 61558.64 | 56557.23 | 60026.33 | 64280.26 | 70563.83 | 87664.70 | 102556.00 | 119955.05 | 155459.54 |
| G 10.0 | 36023.06 | 34574.90 | 30586.48 | 28550.64 | 26962.17 | 25551.38 | 26105.86 | 27143.41 | 28841.96 | 32641.01 | 35344.36 | 40668.64 | 56683.12 |
| G 15.0 | 25046.08 | 21282.64 | 18859.34 | 17432.98 | 16393.70 | 15700.49 | 15729.86 | 16004.02 | 16743.62 | 18628.76 | 20653.67 | 24850.04 | 33655.76 |
| G 20.0 | 17670.64 | 15329.80 | 13119.62 | 11909.92 | 11193.83 | 10750.94 | 10865.37 | 11217.90 | 11816.77 | 13037.22 | 14791.24 | 17123.58 | 21060.94 |
| G 25.0 | 13148.98 | 10450.42 | 8577.35 | 7559.62 | 7004.54 | 6772.43 | 6979.55 | 7360.90 | 8040.04 | 9411.58 | 11053.72 | 13474.47 | 17621.42 |
| G 30.0 | 9044.56 | 7321.21 | 6077.13 | 5373.72 | 5018.30 | 4898.16 | 5030.21 | 5351.16 | 5931.12 | 6917.17 | 8176.85 | 10249.46 | 13966.90 |
| G 35.0 | 6771.25 | 5441.88 | 4492.21 | 3969.34 | 3697.79 | 3598.71 | 3719.57 | 3985.26 | 4421.60 | 5156.18 | 6199.22 | 7733.50 | 10286.18 |
| G 40.0 | 5256.55 | 4129.58 | 3369.12 | 2950.97 | 2737.85 | 2672.26 | 2782.20 | 3002.95 | 3362.37 | 3963.17 | 4753.92 | 5967.19 | 8034.86 |
| G 45.0 | 4079.77 | 3183.94 | 2559.84 | 2235.35 | 2073.91 | 2023.31 | 2126.24 | 2297.98 | 2573.31 | 3081.93 | 3734.16 | 4660.53 | 6190.95 |
| G 50.0 | 3201.33 | 2456.32 | 1967.46 | 1709.38 | 1589.52 | 1566.58 | 1652.36 | 1797.48 | 2029.83 | 2432.86 | 2947.53 | 3677.04 | 4867.00 |
| G 55.0 | 2580.29 | 1946.47 | 1506.90 | 1306.45 | 1219.70 | 1197.07 | 1283.37 | 1423.71 | 1623.55 | 1947.54 | 2356.86 | 2931.94 | 3845.75 |
| G 60.0 | 2089.91 | 1578.53 | 1221.59 | 1028.64 | 945.14 | 943.35 | 1025.72 | 1142.97 | 1308.05 | 1580.76 | 1910.96 | 2343.73 | 3012.81 |
| G 65.0 | 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 |
| G 70.0 | 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 |
| G 75.0 | 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 |
| G 80.0 | 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 |
| G 85.0 | 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 |
| 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 05-6488-14-14

Nombre RADAR

Ensayo

Código 05-6488-14-14

Nombre RADAR

| | | | | | | | |
|------------------|----------|--------------------|----------------|----------|-----------------|------------|------------|
| Flujo Luminaria | 50.22 lm | Potencia luminaria | 4.40 W | Eficacia | 11.41 lm/W | Eficiencia | 100.00% |
| Flujo de Lámpara | 50.22 lm | Valor Máximo | 2788.25 cd/klm | Posición | C=15.00 G=18.00 | CG | Asimétrico |

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 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 | 290537.29 |
| G 5.0 | 177230.06 | 196258.61 | 259380.12 | 338332.80 | 415522.29 | 497853.31 | 571001.38 | 636756.92 | 707286.25 | 750895.53 |
| G 10.0 | 77331.76 | 112543.02 | 187391.94 | 308806.06 | 471799.60 | 660006.07 | 841513.88 | 1010947.12 | 1177844.15 | 1292674.62 |
| G 15.0 | 38204.22 | 48311.22 | 96110.40 | 215983.50 | 423602.04 | 703449.18 | 993662.49 | 1272557.97 | 1544128.11 | 1713832.39 |
| G 20.0 | 30073.09 | 37562.38 | 54401.95 | 107470.09 | 288525.14 | 602022.46 | 997234.00 | 1394793.43 | 1705950.52 | 1829190.22 |
| G 25.0 | 21889.68 | 29630.32 | 44546.20 | 53358.02 | 130322.42 | 405098.38 | 858418.58 | 1360814.32 | 1734132.56 | 1864018.37 |
| G 30.0 | 18510.51 | 26109.14 | 38671.45 | 44772.32 | 71028.76 | 203765.78 | 592319.61 | 1170037.86 | 1661716.26 | 1842675.30 |
| G 35.0 | 14882.78 | 21170.21 | 30299.54 | 47418.20 | 62540.21 | 96992.40 | 266111.93 | 794788.97 | 1447624.01 | 1743669.28 |
| G 40.0 | 10955.87 | 16103.72 | 25942.42 | 41228.53 | 59456.78 | 76158.03 | 98147.80 | 314035.52 | 922988.14 | 1469673.68 |
| G 45.0 | 8385.74 | 12133.94 | 19306.16 | 32096.13 | 52626.08 | 68949.36 | 84993.56 | 100758.68 | 304494.23 | 687833.69 |
| G 50.0 | 6556.24 | 9171.54 | 14016.44 | 24054.42 | 40845.05 | 62360.99 | 79680.72 | 86670.78 | 89991.49 | 127672.21 |
| G 55.0 | 5074.07 | 6928.98 | 10301.99 | 16885.87 | 29294.23 | 48910.95 | 69333.45 | 82923.31 | 84701.69 | 86334.44 |
| G 60.0 | 3921.36 | 5245.71 | 7520.29 | 11894.20 | 19920.08 | 33444.51 | 54095.71 | 74664.77 | 83332.65 | 84458.60 |
| G 65.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 70.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 75.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 80.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 85.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| G 90.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |