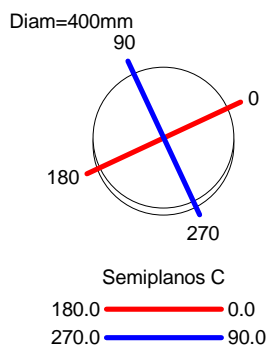


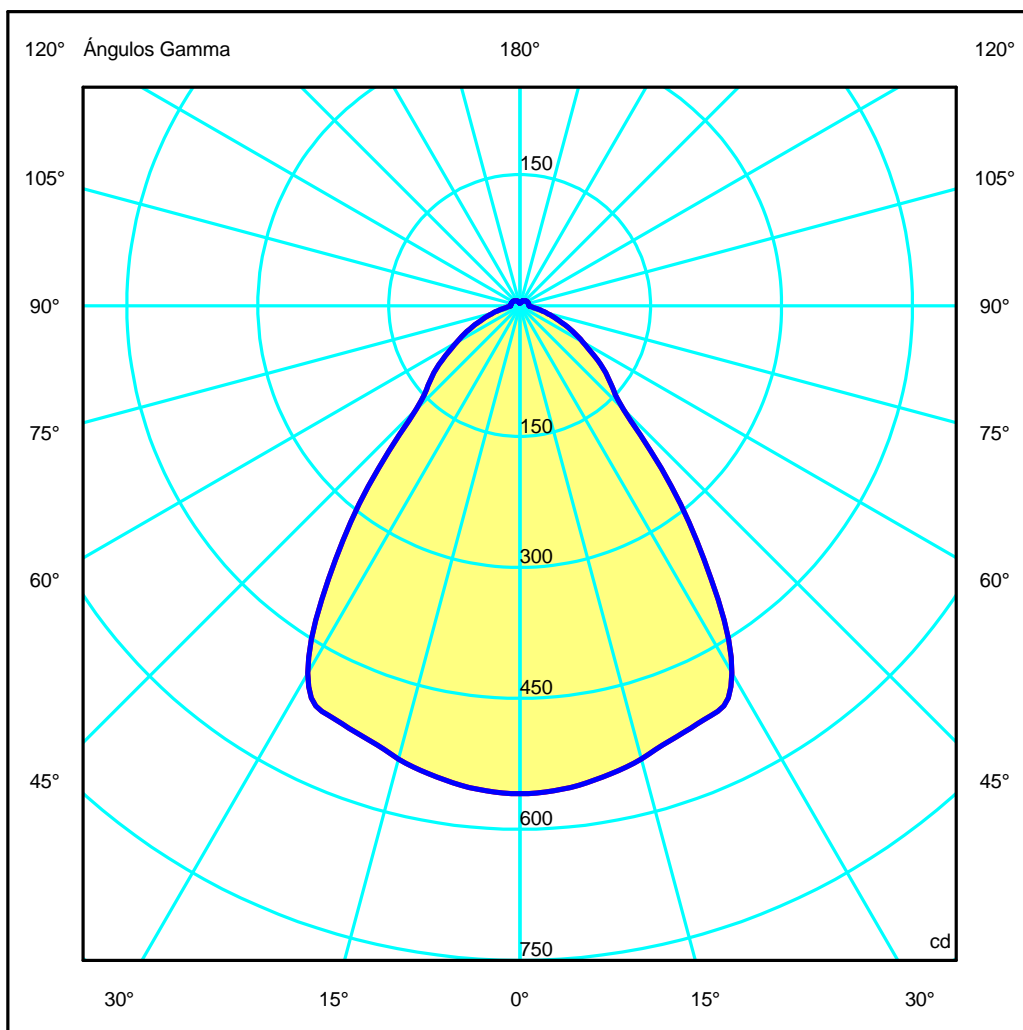
## Luminaria

Código A683-002  
Nombre JAIMA 43 BEIGE  
Ensayo  
Código CL041A18F004G  
Nombre JAIMA 43 BEIGE

|                            |                            |                               |                   |          |               |            |             |
|----------------------------|----------------------------|-------------------------------|-------------------|----------|---------------|------------|-------------|
| Flujo Luminaria            | 1086.54 lm                 | Potencia luminaria            | 22.77 W           | Eficacia | 47.72 lm/W    | Eficiencia | 100.00%     |
| Flujo de Lámpara           | 1086.54 lm                 | Valor Máximo                  | 559.04 cd         | Posición | C=0.00 G=0.00 | CG         | Bisimétrico |
| Luminaria Redonda          | Diam.                      | 400 mm                        | Altura            | 520 mm   |               |            |             |
| Área Luminosa Redonda      | Diam.                      | 400 mm                        | Altura            | 520 mm   |               |            |             |
| Área Luminosa Horizontal   | 0.125664 m2                | Área Emisión sobre Pl. 180°   | 0.208000 m2       |          |               |            |             |
| Área Emisión sobre Pl. 0°  | 0.208000 m2                | Área Emisión sobre Pl. 270°   | 0.208000 m2       |          |               |            |             |
| Área Emisión sobre Pl. 90° | 0.208000 m2                | Área de deslumbramiento a 76° | 0.232222 m2       |          |               |            |             |
| Sist. de Coorden.          | CG                         | Tipo de Simetría              | Bisimétrico       |          |               |            |             |
| Fecha                      | 30-08-2018                 | Máximo Ángulo Gamma           | 180               |          |               |            |             |
| Distancia de Ensayo        | 6.44                       | Flujo de Ensayo               | 1086.54 lm        |          |               |            |             |
| Operador                   | Asselum T2                 | Tensión de alimentación [V]   | 230.20 V          |          |               |            |             |
| Temperatura                | 24.80 °C                   | Corriente de alimentación [A] | 0.11 A            |          |               |            |             |
| Humedad                    | 57.50 %                    | Fotocélula                    | Prc               |          |               |            |             |
| Notas                      | RM18072002.1; RM18072002.4 |                               |                   |          |               |            |             |
| Lámparas de la Luminaria   |                            |                               |                   |          |               |            |             |
| Familia                    | Código LED                 | Nombre LED                    | Flujo [lm]        | Pot. [W] | Cant.         |            |             |
|                            |                            |                               | 1086.54           | 22.77    | 1             |            |             |
| C.I.E.                     | 69 89 97 95 100            | D DIN 5040                    | A51               |          |               |            |             |
| F UTE                      | 0.95 C + 0.05 T            | B NBN                         | BZ 2 / 2.5 / BZ 3 |          |               |            |             |



ULOR 4.98 %  
DLOR 95.02 %  
RN 4.98 %



## Luminaria

Código A683-002  
Nombre JAIMA 43 BEIGE  
Ensayo  
Código CL041A18F004G  
Nombre JAIMA 43 BEIGE

|                  |            |                    |           |          |               |                |         |
|------------------|------------|--------------------|-----------|----------|---------------|----------------|---------|
| Flujo Luminaria  | 1086.54 lm | Potencia luminaria | 22.77 W   | Eficacia | 47.72 lm/W    | Eficiencia     | 100.00% |
| Flujo de Lámpara | 1086.54 lm | Valor Máximo       | 559.04 cd | Posición | C=0.00 G=0.00 | 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                           | 559.04 | 559.04  | 559.04  | 559.04    | 559.04  | 559.04  | 559.04  |
| G 2.5                           | 558.28 | 558.47  | 558.43  | 558.10    | 558.43  | 558.47  | 558.28  |
| G 5.0                           | 556.11 | 556.46  | 556.53  | 556.28    | 556.53  | 556.46  | 556.11  |
| G 7.5                           | 552.80 | 553.38  | 553.09  | 553.69    | 553.09  | 553.38  | 552.80  |
| G 10.0                          | 548.18 | 549.44  | 549.15  | 549.69    | 549.15  | 549.44  | 548.18  |
| G 12.5                          | 543.28 | 544.78  | 544.25  | 544.92    | 544.25  | 544.78  | 543.28  |
| G 15.0                          | 537.51 | 539.32  | 538.90  | 538.77    | 538.90  | 539.32  | 537.51  |
| G 17.5                          | 530.39 | 532.83  | 533.03  | 533.45    | 533.03  | 532.83  | 530.39  |
| G 20.0                          | 525.29 | 527.05  | 527.20  | 528.81    | 527.20  | 527.05  | 525.29  |
| G 22.5                          | 521.35 | 522.84  | 523.10  | 524.15    | 523.10  | 522.84  | 521.35  |
| G 25.0                          | 517.95 | 517.65  | 519.41  | 517.65    | 519.41  | 517.65  | 517.95  |
| G 27.5                          | 512.23 | 507.30  | 510.87  | 505.45    | 510.87  | 507.30  | 512.23  |
| G 30.0                          | 485.83 | 483.32  | 488.68  | 480.38    | 488.68  | 483.32  | 485.83  |
| G 32.5                          | 440.58 | 437.22  | 441.21  | 444.11    | 441.21  | 437.22  | 440.58  |
| G 35.0                          | 381.94 | 384.57  | 387.72  | 391.43    | 387.72  | 384.57  | 381.94  |
| G 37.5                          | 325.78 | 329.77  | 331.43  | 336.56    | 331.43  | 329.77  | 325.78  |
| G 40.0                          | 270.28 | 274.30  | 276.00  | 274.96    | 276.00  | 274.30  | 270.28  |
| G 42.5                          | 212.87 | 218.85  | 218.89  | 225.99    | 218.89  | 218.85  | 212.87  |
| G 45.0                          | 167.76 | 175.59  | 173.09  | 185.77    | 173.09  | 175.59  | 167.76  |
| G 47.5                          | 146.83 | 149.42  | 147.53  | 153.32    | 147.53  | 149.42  | 146.83  |
| G 50.0                          | 134.26 | 134.98  | 133.82  | 134.70    | 133.82  | 134.98  | 134.26  |
| G 52.5                          | 122.31 | 122.91  | 121.69  | 119.69    | 121.69  | 122.91  | 122.31  |
| G 55.0                          | 108.74 | 109.28  | 108.07  | 108.12    | 108.07  | 109.28  | 108.74  |
| G 57.5                          | 94.50  | 95.85   | 94.98   | 96.89     | 94.98   | 95.85   | 94.50   |
| G 60.0                          | 83.26  | 84.57   | 83.87   | 84.07     | 83.87   | 84.57   | 83.26   |
| G 62.5                          | 73.33  | 74.04   | 73.79   | 73.28     | 73.79   | 74.04   | 73.33   |
| G 65.0                          | 63.55  | 63.97   | 64.05   | 62.84     | 64.05   | 63.97   | 63.55   |
| G 67.5                          | 54.07  | 53.94   | 53.82   | 54.34     | 53.82   | 53.94   | 54.07   |
| G 70.0                          | 44.75  | 45.05   | 45.09   | 46.53     | 45.09   | 45.05   | 44.75   |
| G 72.5                          | 37.44  | 37.62   | 37.76   | 37.76     | 37.76   | 37.62   | 37.44   |
| G 75.0                          | 30.86  | 30.69   | 31.01   | 30.94     | 31.01   | 30.69   | 30.86   |
| G 77.5                          | 25.06  | 24.04   | 24.88   | 23.95     | 24.88   | 24.04   | 25.06   |
| G 80.0                          | 19.70  | 18.77   | 19.11   | 19.06     | 19.11   | 18.77   | 19.70   |
| G 82.5                          | 15.24  | 14.32   | 15.20   | 14.94     | 15.20   | 14.32   | 15.24   |
| G 85.0                          | 12.53  | 11.68   | 12.43   | 11.65     | 12.43   | 11.68   | 12.53   |
| G 87.5                          | 11.11  | 10.60   | 11.05   | 10.53     | 11.05   | 10.60   | 11.11   |
| G 90.0                          | 10.58  | 10.53   | 10.54   | 10.44     | 10.54   | 10.53   | 10.58   |
| G 92.5                          | 10.54  | 10.51   | 10.53   | 10.44     | 10.53   | 10.51   | 10.54   |
| G 95.0                          | 10.48  | 10.45   | 10.50   | 10.39     | 10.50   | 10.45   | 10.48   |
| G 97.5                          | 10.40  | 10.38   | 10.45   | 10.33     | 10.45   | 10.38   | 10.40   |
| G100.0                          | 10.30  | 10.28   | 10.37   | 10.21     | 10.37   | 10.28   | 10.30   |
| G102.5                          | 10.17  | 10.17   | 10.25   | 10.09     | 10.25   | 10.17   | 10.17   |
| G105.0                          | 10.06  | 10.04   | 10.11   | 9.92      | 10.11   | 10.04   | 10.06   |
| G107.5                          | 9.93   | 9.92    | 9.95    | 9.74      | 9.95    | 9.92    | 9.93    |
| G110.0                          | 9.80   | 9.80    | 9.81    | 9.52      | 9.81    | 9.80    | 9.80    |
| G112.5                          | 9.71   | 9.69    | 9.66    | 9.30      | 9.66    | 9.69    | 9.71    |
| G115.0                          | 9.57   | 9.55    | 9.48    | 9.14      | 9.48    | 9.55    | 9.57    |
| G117.5                          | 9.47   | 9.41    | 9.28    | 9.00      | 9.28    | 9.41    | 9.47    |
| G120.0                          | 9.33   | 9.27    | 9.12    | 8.84      | 9.12    | 9.27    | 9.33    |
| G122.5                          | 9.17   | 9.13    | 8.95    | 8.72      | 8.95    | 9.13    | 9.17    |
| G125.0                          | 8.99   | 8.95    | 8.79    | 8.59      | 8.79    | 8.95    | 8.99    |
| G127.5                          | 8.75   | 8.72    | 8.60    | 8.46      | 8.60    | 8.72    | 8.75    |
| G130.0                          | 8.48   | 8.43    | 8.36    | 8.34      | 8.36    | 8.43    | 8.48    |
| G132.5                          | 8.22   | 8.20    | 8.15    | 8.17      | 8.15    | 8.20    | 8.22    |
| G135.0                          | 7.97   | 7.94    | 7.97    | 8.00      | 7.97    | 7.94    | 7.97    |
| G137.5                          | 7.71   | 7.65    | 7.75    | 7.79      | 7.75    | 7.65    | 7.71    |
| G140.0                          | 7.39   | 7.38    | 7.53    | 7.63      | 7.53    | 7.38    | 7.39    |
| G142.5                          | 7.08   | 7.10    | 7.24    | 7.41      | 7.24    | 7.10    | 7.08    |
| G145.0                          | 6.82   | 6.83    | 6.99    | 7.16      | 6.99    | 6.83    | 6.82    |
| G147.5                          | 6.55   | 6.57    | 6.73    | 6.93      | 6.73    | 6.57    | 6.55    |
| G150.0                          | 6.26   | 6.29    | 6.45    | 6.61      | 6.45    | 6.29    | 6.26    |
| G152.5                          | 5.92   | 5.96    | 6.14    | 6.29      | 6.14    | 5.96    | 5.92    |
| G155.0                          | 5.52   | 5.62    | 5.78    | 5.99      | 5.78    | 5.62    | 5.52    |
| G157.5                          | 5.17   | 5.27    | 5.44    | 5.63      | 5.44    | 5.27    | 5.17    |
| G160.0                          | 4.82   | 4.91    | 5.09    | 5.30      | 5.09    | 4.91    | 4.82    |
| G162.5                          | 4.43   | 4.55    | 4.74    | 4.90      | 4.74    | 4.55    | 4.43    |
| G165.0                          | 4.09   | 4.17    | 4.35    | 4.55      | 4.35    | 4.17    | 4.09    |
| G167.5                          | 3.74   | 3.80    | 3.97    | 4.18      | 3.97    | 3.80    | 3.74    |
| G170.0                          | 3.42   | 3.46    | 3.59    | 3.72      | 3.59    | 3.46    | 3.42    |
| G172.5                          | 3.08   | 3.12    | 3.22    | 3.29      | 3.22    | 3.12    | 3.08    |
| G175.0                          | 2.79   | 2.77    | 2.89    | 2.87      | 2.89    | 2.77    | 2.79    |
| G177.5                          | 2.63   | 2.61    | 2.73    | 2.65      | 2.73    | 2.61    | 2.63    |
| G180.0                          | 2.65   | 2.65    | 2.65    | 2.65      | 2.65    | 2.65    | 2.65    |

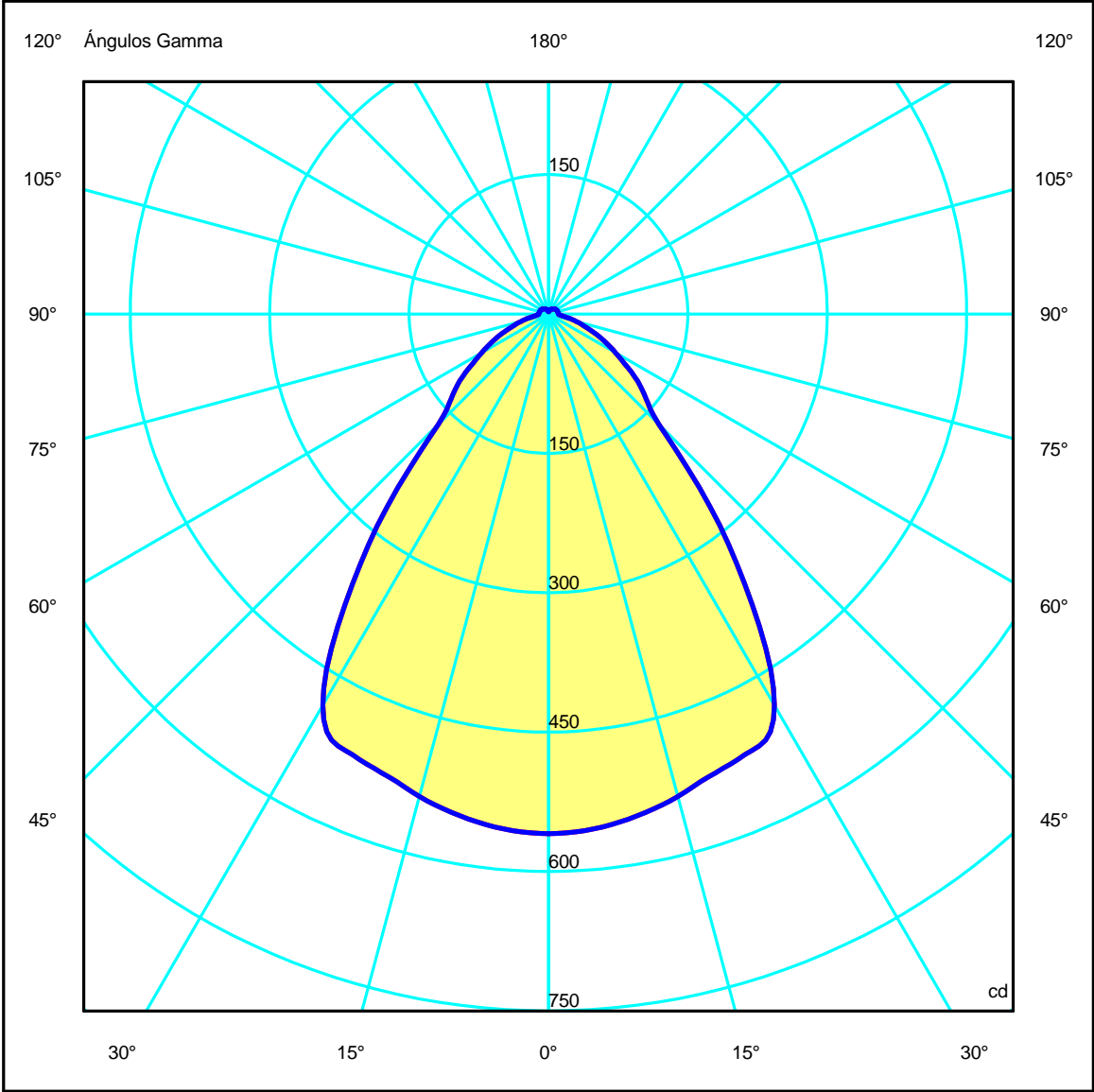
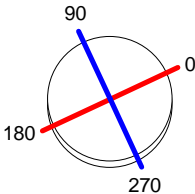
**Luminaria**  
Código A683-002  
Nombre JAIMA 43 BEIGE  
**Ensayo**  
Código CL041A18F004G  
Nombre JAIMA 43 BEIGE

|                  |            |                    |           |          |               |            |             |
|------------------|------------|--------------------|-----------|----------|---------------|------------|-------------|
| Flujo Luminaria  | 1086.54 lm | Potencia luminaria | 22.77 W   | Eficacia | 47.72 lm/W    | Eficiencia | 100.00%     |
| Flujo de Lámpara | 1086.54 lm | Valor Máximo       | 559.04 cd | Posición | C=0.00 G=0.00 | CG         | Bisimétrico |

Diam=400mm

Semiplanos C

180.0 ————— 0.0  
270.0 ————— 90.0



**Luminaria**  
Código A683-002  
Nombre JAIMA 43 BEIGE  
**Ensayo**  
Código CL041A18F004G  
Nombre JAIMA 43 BEIGE

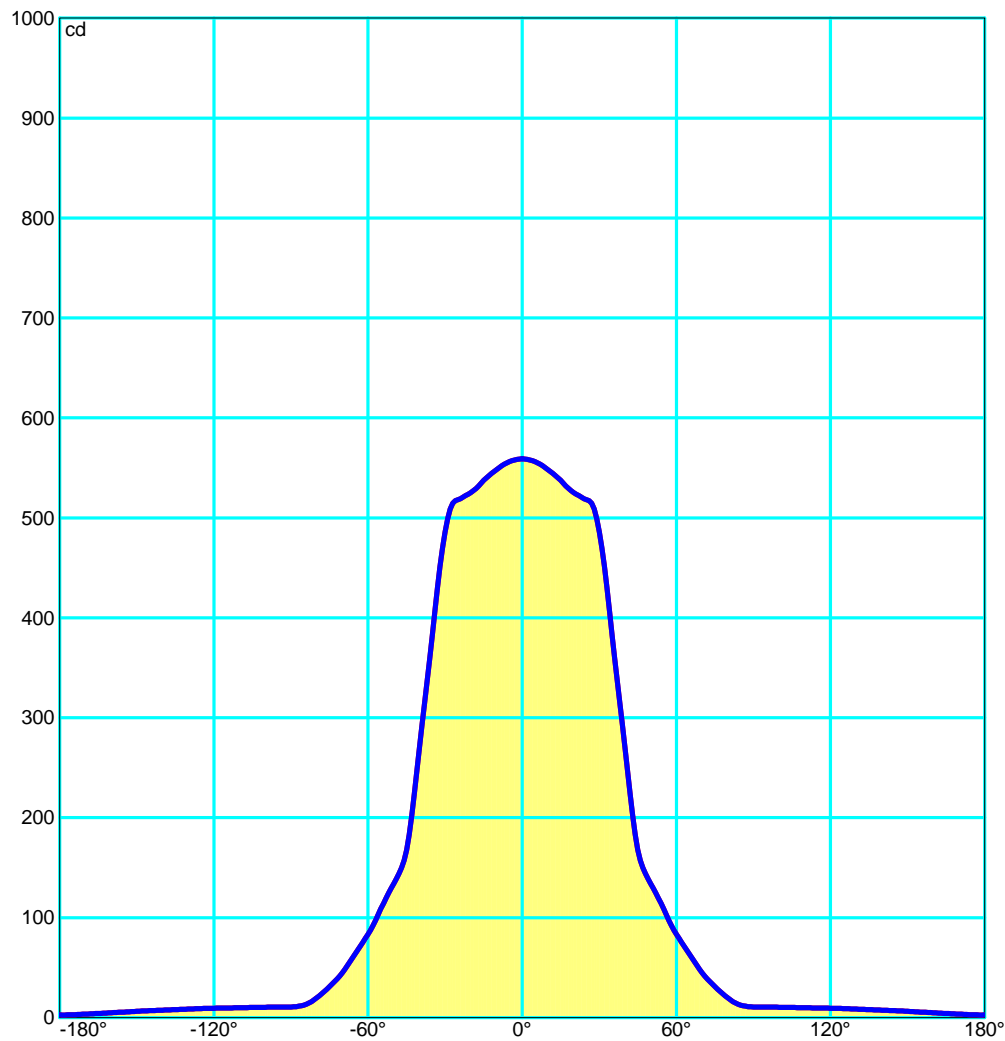
|                  |            |                    |           |          |               |            |             |
|------------------|------------|--------------------|-----------|----------|---------------|------------|-------------|
| Flujo Luminaria  | 1086.54 lm | Potencia luminaria | 22.77 W   | Eficacia | 47.72 lm/W    | Eficiencia | 100.00%     |
| Flujo de Lámpara | 1086.54 lm | Valor Máximo       | 559.04 cd | Posición | C=0.00 G=0.00 | CG         | Bisimétrico |

Diam=400mm



Semiplanos C

180.0 ————— 0.0  
270.0 ————— 90.0



## Luminaria

Código A683-002  
Nombre JAIMA 43 BEIGE

## Ensayo

Código CL041A18F004G  
Nombre JAIMA 43 BEIGE

|                  |            |                    |           |          |               |            |             |
|------------------|------------|--------------------|-----------|----------|---------------|------------|-------------|
| Flujo Luminaria  | 1086.54 lm | Potencia luminaria | 22.77 W   | Eficacia | 47.72 lm/W    | Eficiencia | 100.00%     |
| Flujo de Lámpara | 1086.54 lm | Valor Máximo       | 559.04 cd | Posición | C=0.00 G=0.00 | CG         | Bisimétrico |

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      | 8.8              | 9.8  | 9.1  | 10.1 | 10.4 | 8.8            | 9.8  | 9.1  | 10.1 | 10.4 |
| x=2H y=3H      | 9.3              | 10.1 | 9.6  | 10.5 | 10.8 | 9.3            | 10.1 | 9.6  | 10.5 | 10.8 |
| x=2H y=4H      | 9.4              | 10.2 | 9.8  | 10.6 | 11.0 | 9.4            | 10.2 | 9.8  | 10.6 | 11.0 |
| x=2H y=6H      | 9.5              | 10.3 | 9.9  | 10.6 | 11.0 | 9.5            | 10.3 | 9.9  | 10.6 | 11.0 |
| x=2H y=8H      | 9.5              | 10.2 | 9.9  | 10.6 | 11.0 | 9.5            | 10.2 | 9.9  | 10.6 | 11.0 |
| x=2H y=12H     | 9.5              | 10.2 | 9.9  | 10.6 | 11.0 | 9.5            | 10.2 | 9.9  | 10.6 | 11.0 |
| x=4H y=2H      | 9.0              | 9.8  | 9.4  | 10.2 | 10.6 | 9.0            | 9.8  | 9.4  | 10.2 | 10.6 |
| x=4H y=3H      | 9.6              | 10.3 | 10.1 | 10.7 | 11.2 | 9.6            | 10.3 | 10.1 | 10.7 | 11.2 |
| x=4H y=4H      | 9.9              | 10.5 | 10.3 | 10.9 | 11.4 | 9.9            | 10.5 | 10.3 | 10.9 | 11.4 |
| x=4H y=6H      | 10.0             | 10.5 | 10.5 | 11.0 | 11.5 | 10.0           | 10.5 | 10.5 | 11.0 | 11.5 |
| x=4H y=8H      | 10.0             | 10.5 | 10.5 | 11.0 | 11.5 | 10.0           | 10.5 | 10.5 | 11.0 | 11.5 |
| x=4H y=12H     | 10.0             | 10.5 | 10.5 | 11.0 | 11.5 | 10.0           | 10.5 | 10.5 | 11.0 | 11.5 |
| x=8H y=4H      | 9.9              | 10.4 | 10.4 | 10.9 | 11.4 | 9.9            | 10.4 | 10.4 | 10.9 | 11.4 |
| x=8H y=6H      | 10.1             | 10.5 | 10.6 | 11.0 | 11.6 | 10.1           | 10.5 | 10.6 | 11.0 | 11.6 |
| x=8H y=8H      | 10.2             | 10.5 | 10.7 | 11.0 | 11.6 | 10.2           | 10.5 | 10.7 | 11.0 | 11.6 |
| x=8H y=12H     | 10.2             | 10.5 | 10.8 | 11.0 | 11.6 | 10.2           | 10.5 | 10.8 | 11.0 | 11.6 |
| x=12H y=4H     | 9.9              | 10.3 | 10.4 | 10.8 | 11.4 | 9.9            | 10.3 | 10.4 | 10.8 | 11.4 |
| x=12H y=6H     | 10.1             | 10.4 | 10.6 | 11.0 | 11.5 | 10.1           | 10.4 | 10.6 | 11.0 | 11.5 |
| x=12H y=8H     | 10.2             | 10.5 | 10.7 | 11.0 | 11.6 | 10.2           | 10.5 | 10.7 | 11.0 | 11.6 |

## Luminaria

Código A683-002  
Nombre JAIMA 43 BEIGE

## Ensayo

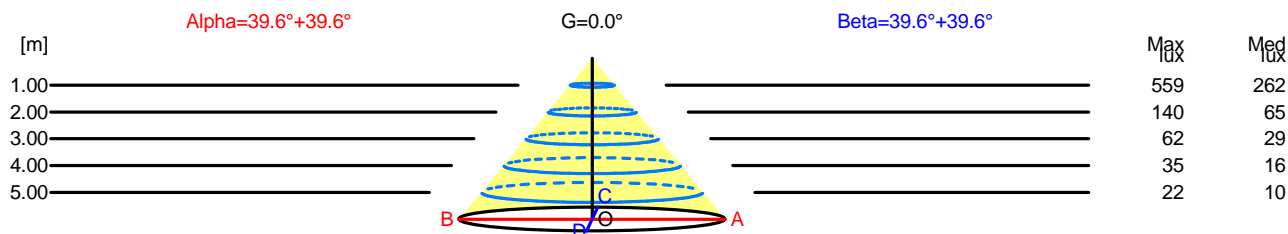
Código CL041A18F004G  
Nombre JAIMA 43 BEIGE

|                  |            |                    |           |          |               |                |         |
|------------------|------------|--------------------|-----------|----------|---------------|----------------|---------|
| Flujo Luminaria  | 1086.54 lm | Potencia luminaria | 22.77 W   | Eficacia | 47.72 lm/W    | Eficiencia     | 100.00% |
| Flujo de Lámpara | 1086.54 lm | Valor Máximo       | 559.04 cd | Posición | C=0.00 G=0.00 | CG Bisimétrico |         |

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   | 0.83 | 1.65 | 2.48 | 3.31 | 4.13 | OC   | 0.83 | 1.65 | 2.48 | 3.31 | 4.13 |
| OB   | 0.83 | 1.65 | 2.48 | 3.31 | 4.13 | OD   | 0.83 | 1.65 | 2.48 | 3.31 | 4.13 |

|    |                               |        |        |        |        |        |        |       |       |       |
|----|-------------------------------|--------|--------|--------|--------|--------|--------|-------|-------|-------|
|    | Intensidades Luminosas [ cd ] |        |        |        |        |        |        |       |       |       |
|    | 0                             | 5      | 15     | 25     | 35     | 45     | 55     | 65    | 75    | 85    |
| OA | 559.04                        | 556.11 | 537.51 | 517.95 | 381.94 | 167.76 | 108.74 | 63.55 | 30.86 | 12.53 |
| OB | 559.04                        | 556.11 | 537.51 | 517.95 | 381.94 | 167.76 | 108.74 | 63.55 | 30.86 | 12.53 |
| OC | 559.04                        | 556.11 | 537.51 | 517.95 | 381.94 | 167.76 | 108.74 | 63.55 | 30.86 | 12.53 |
| OD | 559.04                        | 556.11 | 537.51 | 517.95 | 381.94 | 167.76 | 108.74 | 63.55 | 30.86 | 12.53 |



| H[m] | D[m] | Max lux | Med lux | Alpha=39.6°+39.6° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.65 | 559     | 262     |                   |       |
| 2.00 | 3.31 | 140     | 65      |                   |       |
| 3.00 | 4.96 | 62      | 29      |                   |       |
| 4.00 | 6.62 | 35      | 16      |                   |       |
| 5.00 | 8.27 | 22      | 10      |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=39.6°+39.6° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.65 | 559     | 262     |                  |       |
| 2.00 | 3.31 | 140     | 65      |                  |       |
| 3.00 | 4.96 | 62      | 29      |                  |       |
| 4.00 | 6.62 | 35      | 16      |                  |       |
| 5.00 | 8.27 | 22      | 10      |                  |       |

**Luminaria**  
Código A683-002  
Nombre JAIMA 43 BEIGE  
**Ensayo**  
Código CL041A18F004G  
Nombre JAIMA 43 BEIGE

|                  |            |                    |           |          |               |                |         |
|------------------|------------|--------------------|-----------|----------|---------------|----------------|---------|
| Flujo Luminaria  | 1086.54 lm | Potencia luminaria | 22.77 W   | Eficacia | 47.72 lm/W    | Eficiencia     | 100.00% |
| Flujo de Lámpara | 1086.54 lm | Valor Máximo       | 559.04 cd | Posición | C=0.00 G=0.00 | CG Bisimétrico |         |

Flujo Total=1086.54 Flujo Luminaria=1086.54

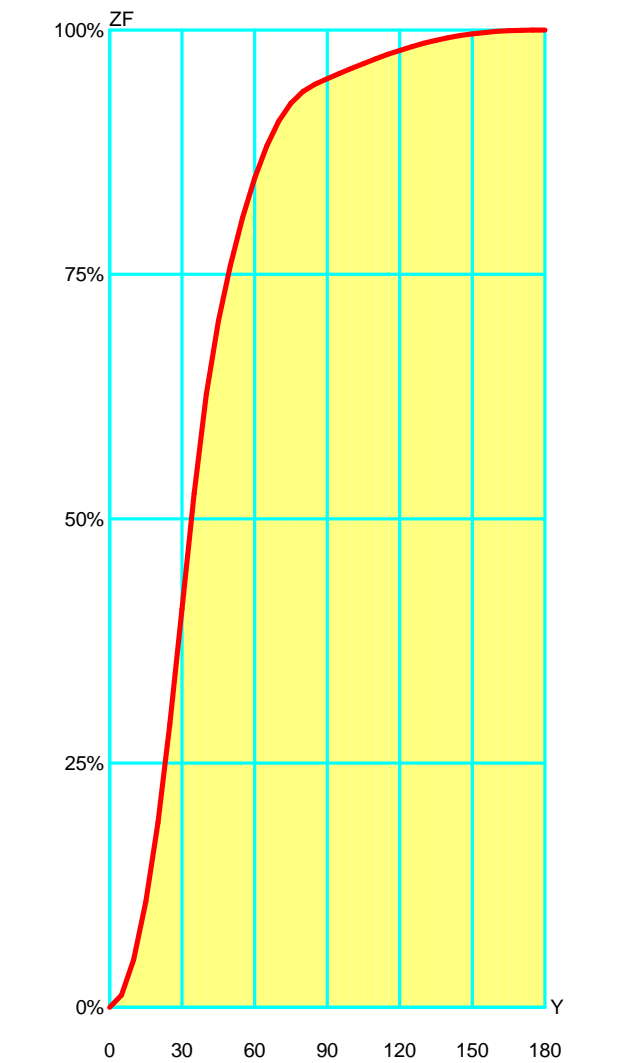
|     |      |      |      |      |      |      |      |      |      |      |       |       |
|-----|------|------|------|------|------|------|------|------|------|------|-------|-------|
| RI  | 0.60 | 0.80 | 1.00 | 1.25 | 1.50 | 2.00 | 2.50 | 3.00 | 4.00 | 5.00 | 10.00 | 20.00 |
| DRR | 0.48 | 0.55 | 0.61 | 0.67 | 0.72 | 0.79 | 0.83 | 0.86 | 0.90 | 0.92 | 0.96  | 0.98  |
| RC  | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2    | 2     | 1     |

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) | 49 | 189 | 407 | 627 | 759 | 848 | 907 | 937 | 950 | 961 | 971 | 979 | 986 | 992 | 996 | 999 | 1000 | 1000 |

Códigos de Flujo C.I.E.  
69 89 97 95 100

|            |                     |      |             |
|------------|---------------------|------|-------------|
| C.I.E.     | 2/2/2/2/2/2/2/2/2/1 | LOR  | 100.00000 % |
| D DIN 5040 | A51                 | ULOR | 4.97573 %   |
| F UTE      | 0.95 C + 0.05 T     | DLOR | 95.02427 %  |
| B NBN      | BZ 2 / 2.5 / BZ 3   | UFF  | 4.97573 %   |
| RN         | 4.97573 %           | DFF  | 95.02427 %  |
| BLF        | 1.0                 | FFR  | 5.23628 %   |



| Flujo Zonal |        |         |           |          |
|-------------|--------|---------|-----------|----------|
| Gamma °     | Flujo  | Suma lm | Flujo [%] | Suma [%] |
| 0°          | 0.00   | 0.00    | 0.00%     | 0.00 %   |
| 5°          | 12.27  | 12.27   | 1.23 %    | 1.23 %   |
| 10°         | 36.40  | 48.67   | 3.64 %    | 4.87 %   |
| 15°         | 59.39  | 108.06  | 5.94 %    | 10.81 %  |
| 20°         | 80.79  | 188.85  | 8.08 %    | 18.88 %  |
| 25°         | 100.91 | 289.75  | 10.09 %   | 28.98 %  |
| 30°         | 117.63 | 407.39  | 11.76 %   | 40.74 %  |
| 35°         | 118.49 | 525.87  | 11.85 %   | 52.59 %  |
| 40°         | 101.27 | 627.14  | 10.13 %   | 62.71 %  |
| 45°         | 75.42  | 702.57  | 7.54 %    | 70.26 %  |
| 50°         | 56.42  | 758.99  | 5.64 %    | 75.90 %  |
| 55°         | 48.66  | 807.65  | 4.87 %    | 80.76 %  |
| 60°         | 40.77  | 848.42  | 4.08 %    | 84.84 %  |
| 65°         | 33.00  | 881.42  | 3.30 %    | 88.14 %  |
| 70°         | 25.26  | 906.68  | 2.53 %    | 90.67 %  |
| 75°         | 18.20  | 924.89  | 1.82 %    | 92.49 %  |
| 80°         | 12.17  | 937.06  | 1.22 %    | 93.71 %  |
| 85°         | 7.61   | 944.67  | 0.76 %    | 94.47 %  |
| 90°         | 5.57   | 950.24  | 0.56 %    | 95.02 %  |
| 95°         | 5.29   | 955.54  | 0.53 %    | 95.55 %  |
| 100°        | 5.20   | 960.73  | 0.52 %    | 96.07 %  |
| 105°        | 5.01   | 965.75  | 0.50 %    | 96.57 %  |
| 110°        | 4.76   | 970.51  | 0.48 %    | 97.05 %  |
| 115°        | 4.48   | 974.99  | 0.45 %    | 97.50 %  |
| 120°        | 4.17   | 979.16  | 0.42 %    | 97.92 %  |
| 125°        | 3.83   | 982.99  | 0.38 %    | 98.30 %  |
| 130°        | 3.46   | 986.44  | 0.35 %    | 98.64 %  |
| 135°        | 3.04   | 989.49  | 0.30 %    | 98.95 %  |
| 140°        | 2.63   | 992.12  | 0.26 %    | 99.21 %  |
| 145°        | 2.21   | 994.33  | 0.22 %    | 99.43 %  |
| 150°        | 1.81   | 996.14  | 0.18 %    | 99.61 %  |
| 155°        | 1.41   | 997.55  | 0.14 %    | 99.76 %  |
| 160°        | 1.04   | 998.59  | 0.10 %    | 99.86 %  |
| 165°        | 0.71   | 999.30  | 0.07 %    | 99.93 %  |
| 170°        | 0.43   | 999.73  | 0.04 %    | 99.97 %  |
| 175°        | 0.21   | 999.94  | 0.02 %    | 99.99 %  |
| 180°        | 0.06   | 1000.00 | 0.01 %    | 100.00 % |

**Luminaria**  
Código A683-002  
Nombre JAIMA 43 BEIGE  
**Ensayo**  
Código CL041A18F004G  
Nombre JAIMA 43 BEIGE

|                  |            |                    |           |          |               |            |             |
|------------------|------------|--------------------|-----------|----------|---------------|------------|-------------|
| Flujo Luminaria  | 1086.54 lm | Potencia luminaria | 22.77 W   | Eficacia | 47.72 lm/W    | Eficiencia | 100.00%     |
| Flujo de Lámpara | 1086.54 lm | Valor Máximo       | 559.04 cd | Posición | C=0.00 G=0.00 | CG         | Bisimétrico |

Isolux (Suelo)

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

