

## Luminaire

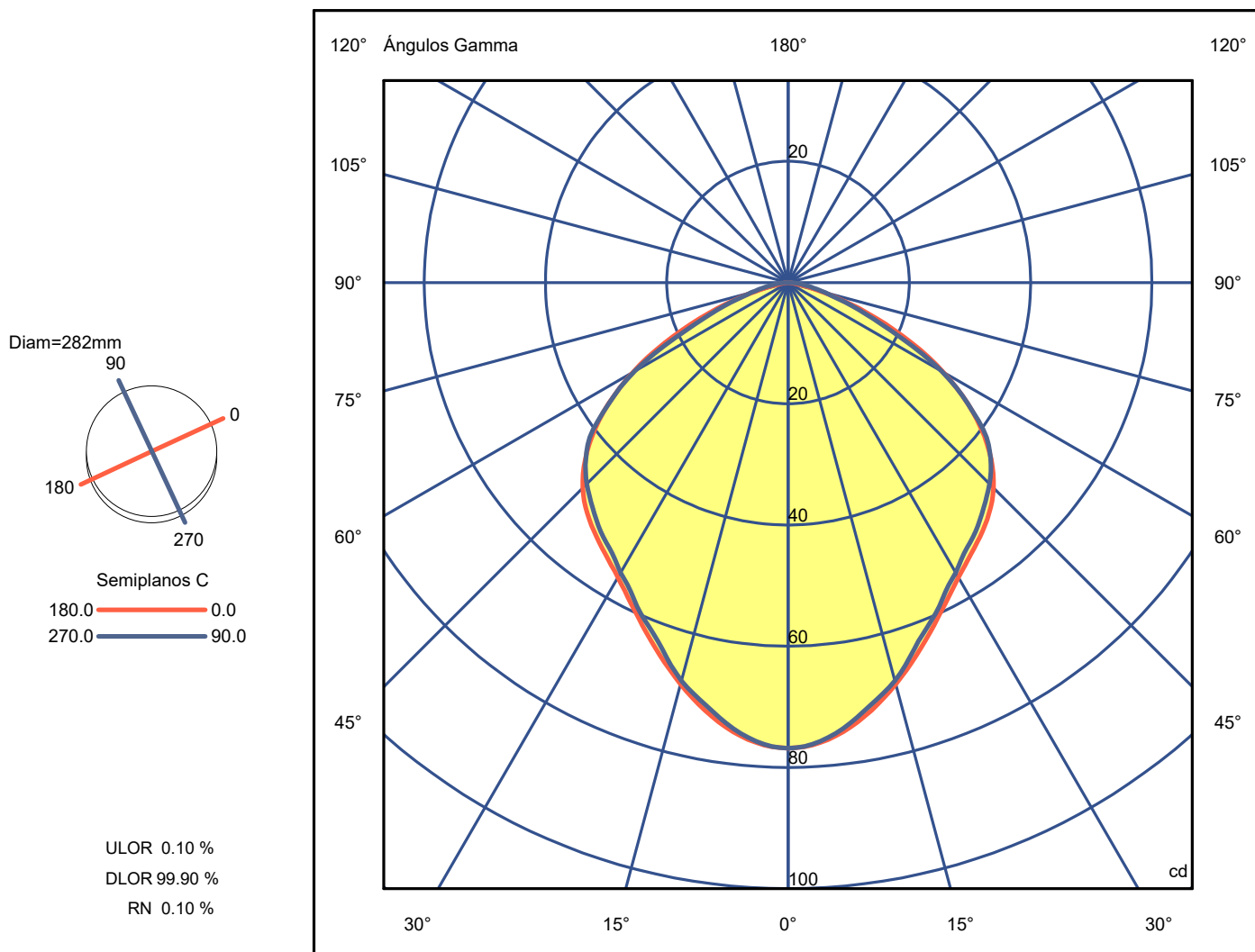
Code A706-004-35  
Name Babila 28

## Measurement

Code CL041A21F008G  
Name Babila 28

|                            |           |                 |          |                             |               |                    |                    |
|----------------------------|-----------|-----------------|----------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux             | 184.74 lm | Luminaire Power | 7.53 W   | Efficacy                    | 24.52 lm/W    | Efficiency         | 100.00%            |
| Sources Flux               | 184.74 lm | Maximum value   | 76.82 cd | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical |
| Round Luminaire            |           | Diam.           | 282 mm   | Height                      | 115 mm        |                    |                    |
| Round Luminous Area        |           | Diam.           | 280 mm   | Height                      | 0 mm          |                    |                    |
| Horizontal Luminous Area   |           | 0.061575 m2     |          | Emitting area on Plane 180° |               | 0.000000 m2        |                    |
| Emitting area on Plane 0°  |           | 0.000000 m2     |          | Emitting area on Plane 270° |               | 0.000000 m2        |                    |
| Emitting area on Plane 90° |           | 0.000000 m2     |          | Glare area at 76°           |               | 0.014896 m2        |                    |
| Coordinate system          |           | CG              |          | Symmetry Type               |               | Double Symmetrical |                    |
| Date                       |           | 15-02-2021      |          | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance       |           | 6.44            |          | Measurement Flux            |               | 184.74 lm          |                    |
| Operator                   |           | Asselum T2      |          | Rated Voltage               |               | 230.28 V           |                    |
| Temperature                |           | 25.30 °C        |          | Rated Current               |               | 0.03 A             |                    |
| Humidity                   |           | 27.80 %         |          | Photocell                   |               | Prc                |                    |
| Notes                      |           | RM21020302.8    |          |                             |               |                    |                    |

| Luminaire Sources |                  |          |            |           |          |      |
|-------------------|------------------|----------|------------|-----------|----------|------|
| Line              |                  | Code LED | Name LED   | Flux [lm] | Pow. [W] | Q.ty |
|                   |                  |          |            | 184.74    | 7.53     | 1    |
| C.I.E.            | 50 85 98 100 100 |          | D DIN 5040 | A30       |          |      |
| F UTE             | 1.00 D           |          | B NBN      | BZ 4      |          |      |



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|----------------|-----------|-----------------|----------|----------|---------------|------------|--------------------|
| Luminaire Flux | 184.74 lm | Luminaire Power | 7.53 W   | Efficacy | 24.52 lm/W    | Efficiency | 100.00%            |
| Sources Flux   | 184.74 lm | Maximum value   | 76.82 cd | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

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  | 76.82  | 76.82   | 76.82   | 76.82   | 76.82   | 76.82   | 76.82   |
| G 2.5  | 76.51  | 76.50   | 76.49   | 76.47   | 76.45   | 76.43   | 76.43   |
| G 5.0  | 75.66  | 75.64   | 75.60   | 75.51   | 75.42   | 75.36   | 75.35   |
| G 7.5  | 74.34  | 74.35   | 74.25   | 74.06   | 73.91   | 73.81   | 73.78   |
| G 10.0 | 72.66  | 72.72   | 72.51   | 72.24   | 72.00   | 71.85   | 71.81   |
| G 12.5 | 70.70  | 70.80   | 70.50   | 70.20   | 70.00   | 69.94   | 69.95   |
| G 15.0 | 68.57  | 68.68   | 68.32   | 68.13   | 67.97   | 67.96   | 67.98   |
| G 17.5 | 66.34  | 66.42   | 66.12   | 65.98   | 65.74   | 65.59   | 65.51   |
| G 20.0 | 64.10  | 64.10   | 63.93   | 63.68   | 63.38   | 63.11   | 62.91   |
| G 22.5 | 61.89  | 61.79   | 61.73   | 61.37   | 61.30   | 61.00   | 60.89   |
| G 25.0 | 59.79  | 59.59   | 59.58   | 59.28   | 59.40   | 59.05   | 58.93   |
| G 27.5 | 57.86  | 57.57   | 57.56   | 57.50   | 57.45   | 57.00   | 56.80   |
| G 30.0 | 56.16  | 55.78   | 55.75   | 55.79   | 55.58   | 55.34   | 55.24   |
| G 32.5 | 54.72  | 54.28   | 54.18   | 54.12   | 54.03   | 53.86   | 53.55   |
| G 35.0 | 53.47  | 53.02   | 52.85   | 52.62   | 52.77   | 52.38   | 52.30   |
| G 37.5 | 52.27  | 51.87   | 51.68   | 51.33   | 51.47   | 51.14   | 51.12   |
| G 40.0 | 51.02  | 50.71   | 50.54   | 50.17   | 50.07   | 49.92   | 49.71   |
| G 42.5 | 49.60  | 49.40   | 49.32   | 49.03   | 48.74   | 48.63   | 48.35   |
| G 45.0 | 47.89  | 47.80   | 47.85   | 47.71   | 47.43   | 47.14   | 46.93   |
| G 47.5 | 45.79  | 45.77   | 45.97   | 46.01   | 45.74   | 45.02   | 45.35   |
| G 50.0 | 43.29  | 43.27   | 43.48   | 43.80   | 43.52   | 42.76   | 43.39   |
| G 52.5 | 40.41  | 40.33   | 40.34   | 40.97   | 40.68   | 40.25   | 40.92   |
| G 55.0 | 37.15  | 36.98   | 36.66   | 37.43   | 37.29   | 37.08   | 37.22   |
| G 57.5 | 33.54  | 33.29   | 32.59   | 33.22   | 33.39   | 32.86   | 33.46   |
| G 60.0 | 29.57  | 29.32   | 28.29   | 28.58   | 28.96   | 28.12   | 29.20   |
| G 62.5 | 25.30  | 25.15   | 23.96   | 23.79   | 24.00   | 23.38   | 23.95   |
| G 65.0 | 20.88  | 20.92   | 19.78   | 19.11   | 18.85   | 18.94   | 18.66   |
| G 67.5 | 16.53  | 16.79   | 15.91   | 14.87   | 14.24   | 14.86   | 14.48   |
| G 70.0 | 12.43  | 12.93   | 12.43   | 11.35   | 10.52   | 11.08   | 11.22   |
| G 72.5 | 8.78   | 9.49    | 9.40    | 8.57    | 7.67    | 8.16    | 8.23    |
| G 75.0 | 5.79   | 6.61    | 6.86    | 6.44    | 5.61    | 6.24    | 6.31    |
| G 77.5 | 3.59   | 4.41    | 4.85    | 4.81    | 4.20    | 4.80    | 4.61    |
| G 80.0 | 2.09   | 2.84    | 3.33    | 3.55    | 3.21    | 3.51    | 3.36    |
| G 82.5 | 1.17   | 1.77    | 2.22    | 2.52    | 2.42    | 2.42    | 2.40    |
| G 85.0 | 0.66   | 1.09    | 1.42    | 1.69    | 1.68    | 1.60    | 1.61    |
| G 87.5 | 0.44   | 0.67    | 0.85    | 1.01    | 1.01    | 0.98    | 0.96    |
| G 90.0 | 0.36   | 0.40    | 0.42    | 0.45    | 0.44    | 0.46    | 0.43    |
| G 92.5 | 0.28   | 0.28    | 0.33    | 0.33    | 0.20    | 0.11    | 0.00    |
| G 95.0 | 0.21   | 0.18    | 0.24    | 0.22    | 0.07    | 0.00    | 0.00    |
| G 97.5 | 0.15   | 0.11    | 0.16    | 0.11    | 0.00    | 0.00    | 0.00    |
| G100.0 | 0.09   | 0.06    | 0.08    | 0.02    | 0.00    | 0.00    | 0.00    |
| G102.5 | 0.04   | 0.02    | 0.01    | 0.00    | 0.00    | 0.00    | 0.00    |
| G105.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G107.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G110.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G112.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G115.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G117.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G120.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G122.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G125.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G127.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G130.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G132.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G135.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G137.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G140.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G142.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G145.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G147.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G150.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G152.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G155.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G157.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G160.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G162.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G165.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G167.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G170.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G172.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G175.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G177.5 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |
| G180.0 | 0.00   | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    | 0.00    |

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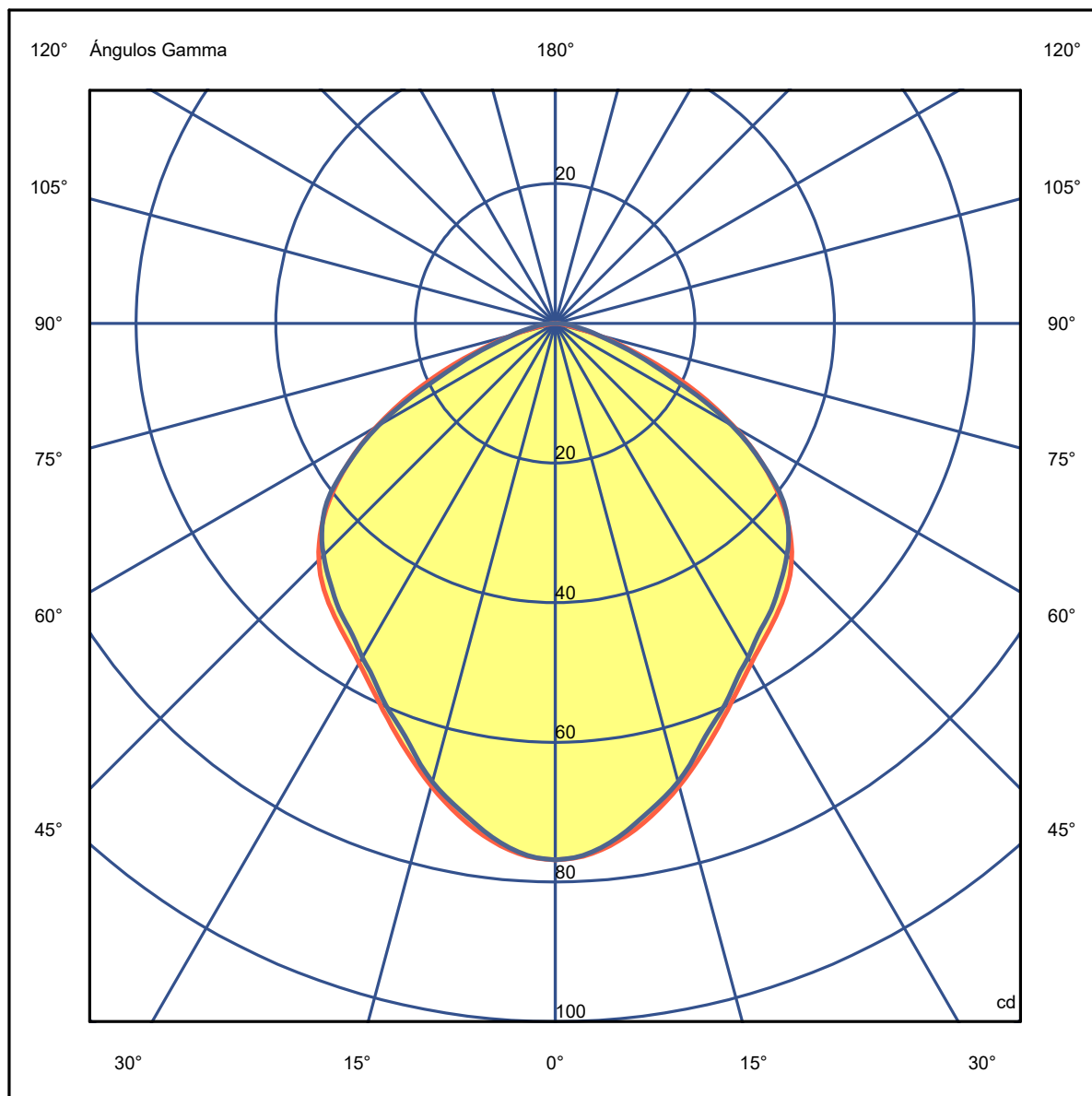
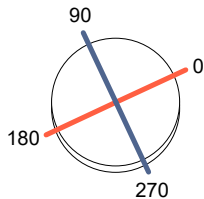
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| Sources Flux   | 184.74 lm | Maximum value   | 76.82 cd | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

Diam=282mm

Semiplanos C

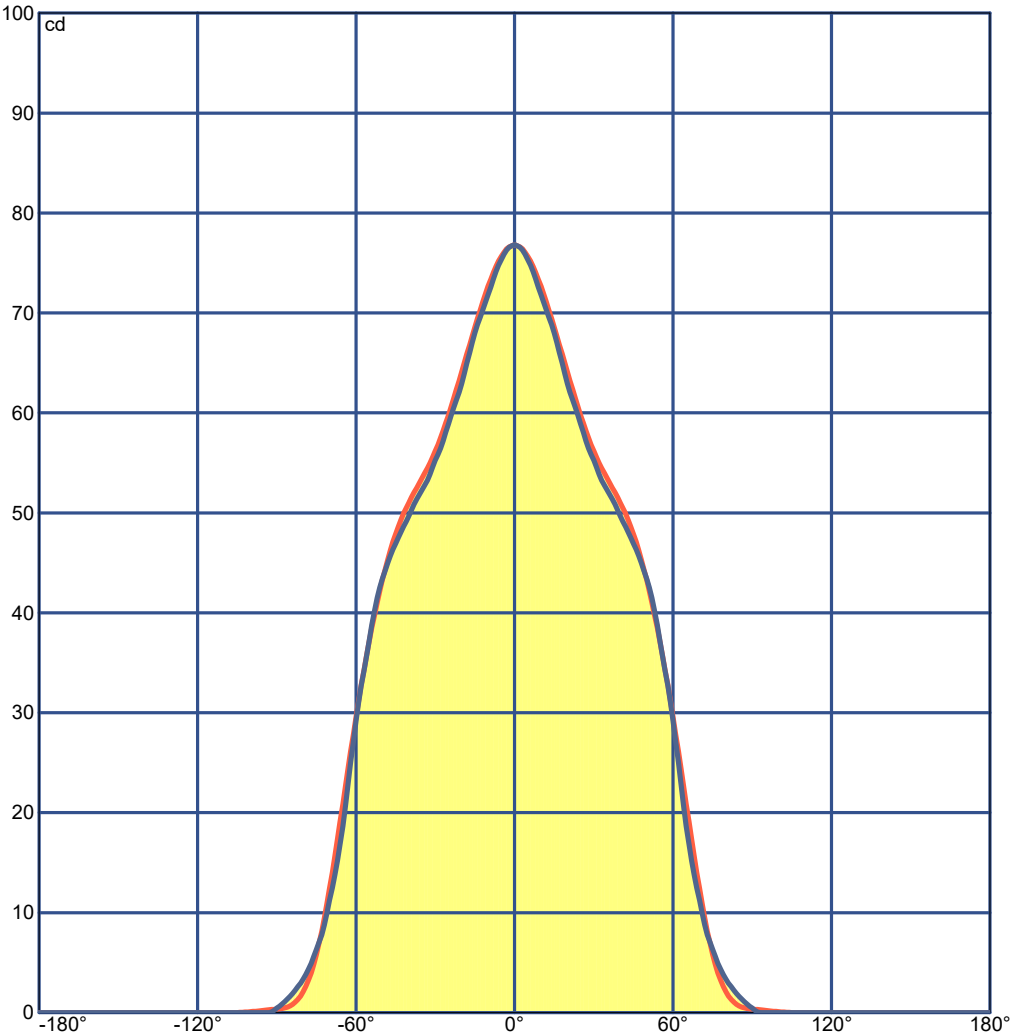
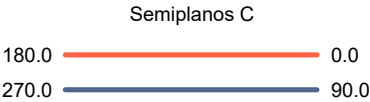
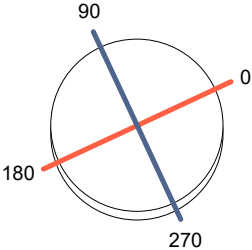
180.0 ——— 0.0  
270.0 ——— 90.0



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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  |
| Working Plane   | 0.2          | 0.2  | 0.2  | 0.2  | 0.2  | 0.2            | 0.2  | 0.2  | 0.2  | 0.2  |
| Room Dimensions |              |      |      |      |      |                |      |      |      |      |
| Room Dimensions | Lateral View |      |      |      |      | Viewed Endwise |      |      |      |      |
|                 | x=2H         | y=2H | x=2H | y=2H | x=2H | y=2H           | x=2H | y=2H | x=2H | y=2H |
| x=2H y=2H       | 12.9         | 14.1 | 13.2 | 14.4 | 14.6 | 12.8           | 14.1 | 13.1 | 14.3 | 14.5 |
| x=2H y=3H       | 13.8         | 14.9 | 14.1 | 15.2 | 15.5 | 13.5           | 14.7 | 13.8 | 14.9 | 15.2 |
| x=2H y=4H       | 14.0         | 15.0 | 14.3 | 15.3 | 15.6 | 13.7           | 14.8 | 14.0 | 15.0 | 15.3 |
| x=2H y=6H       | 14.0         | 15.0 | 14.3 | 15.3 | 15.6 | 13.8           | 14.8 | 14.1 | 15.1 | 15.4 |
| x=2H y=8H       | 14.0         | 14.9 | 14.3 | 15.2 | 15.5 | 13.8           | 14.7 | 14.1 | 15.1 | 15.4 |
| x=2H y=12H      | 13.9         | 14.8 | 14.3 | 15.2 | 15.5 | 13.8           | 14.7 | 14.2 | 15.0 | 15.4 |
| x=4H y=2H       | 13.3         | 14.4 | 13.7 | 14.7 | 15.0 | 13.2           | 14.3 | 13.6 | 14.6 | 14.9 |
| x=4H y=3H       | 14.4         | 15.3 | 14.7 | 15.6 | 15.9 | 14.0           | 15.0 | 14.4 | 15.3 | 15.6 |
| x=4H y=4H       | 14.6         | 15.4 | 15.0 | 15.8 | 16.1 | 14.3           | 15.1 | 14.7 | 15.4 | 15.8 |
| x=4H y=6H       | 14.7         | 15.4 | 15.1 | 15.8 | 16.2 | 14.5           | 15.1 | 14.9 | 15.5 | 15.9 |
| x=4H y=8H       | 14.7         | 15.3 | 15.1 | 15.7 | 16.1 | 14.5           | 15.1 | 14.9 | 15.5 | 15.9 |
| x=4H y=12H      | 14.7         | 15.3 | 15.1 | 15.7 | 16.1 | 14.5           | 15.1 | 15.0 | 15.5 | 16.0 |
| x=8H y=4H       | 14.7         | 15.3 | 15.1 | 15.7 | 16.1 | 14.4           | 15.0 | 14.8 | 15.4 | 15.8 |
| x=8H y=6H       | 14.8         | 15.3 | 15.3 | 15.8 | 16.2 | 14.6           | 15.1 | 15.0 | 15.5 | 16.0 |
| x=8H y=8H       | 14.9         | 15.3 | 15.3 | 15.7 | 16.2 | 14.7           | 15.1 | 15.2 | 15.6 | 16.1 |
| x=8H y=12H      | 14.8         | 15.2 | 15.3 | 15.7 | 16.2 | 14.7           | 15.1 | 15.2 | 15.6 | 16.1 |
| x=12H y=4H      | 14.8         | 15.4 | 15.2 | 15.8 | 16.2 | 14.5           | 15.0 | 14.9 | 15.5 | 15.9 |
| x=12H y=6H      | 15.0         | 15.4 | 15.4 | 15.8 | 16.3 | 14.7           | 15.2 | 15.2 | 15.6 | 16.1 |
| x=12H y=8H      | 15.0         | 15.4 | 15.5 | 15.8 | 16.4 | 14.8           | 15.2 | 15.3 | 15.7 | 16.2 |

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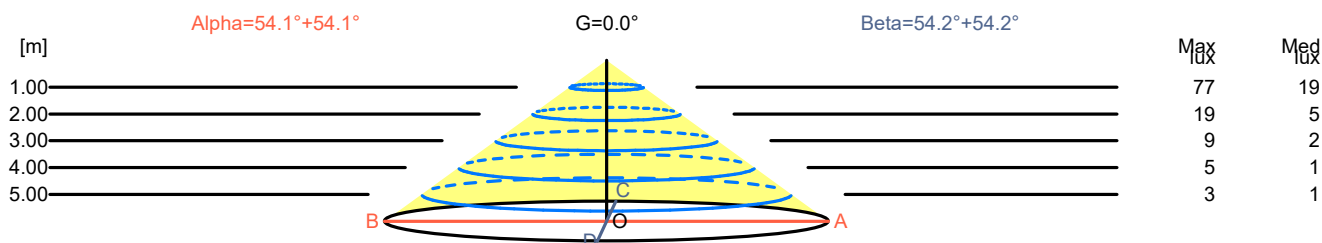
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| Sources Flux   | 184.74 lm | Maximum value   | 76.82 cd | Position | C=0.00 G=0.00 | CG         | Double Symmetrical |

Width at 50.00 % of Max Intensity

|      |      |      |      |      |      |      |      |      |      |      |      |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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   | 1.38 | 2.76 | 4.14 | 5.52 | 6.90 | OC   | 1.39 | 2.78 | 4.16 | 5.55 | 6.94 |
| OB   | 1.38 | 2.76 | 4.14 | 5.52 | 6.90 | OD   | 1.39 | 2.78 | 4.16 | 5.55 | 6.94 |

Luminous Intensities [ cd ]

|    |       |       |       |       |       |       |       |       |      |      |
|----|-------|-------|-------|-------|-------|-------|-------|-------|------|------|
|    | 0     | 5     | 15    | 25    | 35    | 45    | 55    | 65    | 75   | 85   |
| OA | 76.82 | 75.66 | 68.57 | 59.79 | 53.47 | 47.89 | 37.15 | 20.88 | 5.79 | 0.66 |
| OB | 76.82 | 75.66 | 68.57 | 59.79 | 53.47 | 47.89 | 37.15 | 20.88 | 5.79 | 0.66 |
| OC | 76.82 | 75.35 | 67.98 | 58.93 | 52.30 | 46.93 | 37.22 | 18.66 | 6.31 | 1.61 |
| OD | 76.82 | 75.35 | 67.98 | 58.93 | 52.30 | 46.93 | 37.22 | 18.66 | 6.31 | 1.61 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=54.1°+54.1° | G=0.0 |  |
|------|-------|---------|---------|-------------------|-------|--|
| 1.00 | 2.76  | 77      | 19      |                   |       |  |
| 2.00 | 5.52  | 19      | 5       |                   |       |  |
| 3.00 | 8.28  | 9       | 2       |                   |       |  |
| 4.00 | 11.04 | 5       | 1       |                   |       |  |
| 5.00 | 13.80 | 3       | 1       |                   |       |  |

| H[m] | D[m]  | Max lux | Med lux | Beta=54.2°+54.2° | G=0.0 |  |
|------|-------|---------|---------|------------------|-------|--|
| 1.00 | 2.78  | 77      | 19      |                  |       |  |
| 2.00 | 5.55  | 19      | 5       |                  |       |  |
| 3.00 | 8.33  | 9       | 2       |                  |       |  |
| 4.00 | 11.11 | 5       | 1       |                  |       |  |
| 5.00 | 13.88 | 3       | 1       |                  |       |  |

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| Sources Flux   | 184.74 lm | Maximum value   | 76.82 cd | Position | C=0.00 G=0.00 | CG Double Symmetrical |         |

## Utilizations CIE

| Mounting | Direct |      |      |      | Normalization |      |      | Normalised |      |      |      | Suspension Ratid/3 |      |      |      |      |      | Standard CIE Settings |      |      |      |      |      |
|----------|--------|------|------|------|---------------|------|------|------------|------|------|------|--------------------|------|------|------|------|------|-----------------------|------|------|------|------|------|
| Ceiling  |        |      |      |      |               |      |      |            |      |      |      |                    |      |      |      |      |      |                       |      |      |      |      |      |
| 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     | 217    | 195  | 170  | 154  | 185           | 147  | 112  | 95         | 87   | 74   | 47   | 35                 | 18   | 12   | 69   | 38   | 33   | 14                    | 11   | 32   | 12   | 11   | 0    |
| 0.80     | 250    | 229  | 179  | 165  | 218           | 158  | 140  | 122        | 99   | 87   | 56   | 45                 | 24   | 18   | 81   | 47   | 42   | 20                    | 17   | 40   | 18   | 15   | 0    |
| 1.00     | 271    | 252  | 179  | 168  | 240           | 161  | 163  | 145        | 104  | 94   | 63   | 52                 | 30   | 23   | 88   | 53   | 49   | 26                    | 22   | 46   | 23   | 20   | 1    |
| 1.25     | 290    | 273  | 175  | 166  | 260           | 159  | 186  | 169        | 108  | 99   | 69   | 58                 | 37   | 30   | 93   | 60   | 55   | 32                    | 28   | 53   | 29   | 26   | 1    |
| 1.50     | 304    | 289  | 170  | 163  | 275           | 157  | 205  | 189        | 110  | 102  | 73   | 64                 | 43   | 35   | 96   | 65   | 61   | 38                    | 34   | 58   | 35   | 31   | 1    |
| 2.00     | 321    | 309  | 159  | 154  | 294           | 149  | 233  | 218        | 111  | 104  | 79   | 71                 | 53   | 45   | 99   | 72   | 68   | 48                    | 44   | 65   | 44   | 41   | 1    |
| 2.50     | 333    | 322  | 151  | 147  | 308           | 142  | 254  | 241        | 111  | 106  | 84   | 77                 | 60   | 53   | 100  | 76   | 73   | 55                    | 51   | 70   | 51   | 48   | 1    |
| 3.00     | 341    | 332  | 145  | 141  | 317           | 137  | 270  | 257        | 110  | 106  | 87   | 81                 | 66   | 59   | 101  | 80   | 77   | 61                    | 57   | 74   | 57   | 54   | 1    |
| 4.00     | 353    | 346  | 137  | 135  | 331           | 132  | 292  | 282        | 110  | 107  | 91   | 86                 | 74   | 68   | 103  | 85   | 83   | 70                    | 66   | 80   | 66   | 62   | 1    |
| 5.00     | 361    | 355  | 133  | 131  | 340           | 128  | 307  | 298        | 111  | 108  | 94   | 90                 | 80   | 74   | 104  | 89   | 87   | 75                    | 72   | 84   | 72   | 68   | 1    |
| 10.00    | 378    | 375  | 123  | 122  | 360           | 120  | 341  | 335        | 110  | 109  | 101  | 99                 | 92   | 89   | 106  | 97   | 96   | 89                    | 87   | 94   | 86   | 83   | 1    |
| 20.00    | 387    | 385  | 117  | 117  | 370           | 115  | 360  | 357        | 110  | 109  | 105  | 104                | 100  | 98   | 106  | 102  | 101  | 97                    | 96   | 99   | 94   | 92   | 1    |

## Wall

|       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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  | 464  | 452  | 405  | 397  | 446  | 392  | 351  | 343  | 316  | 311  | 265  | 261  | 228  | 226  | 308  | 261  | 260  | 227  | 226  | 259  | 226  | 226  | 205  |
| 0.80  | 516  | 503  | 435  | 427  | 494  | 421  | 402  | 393  | 352  | 346  | 302  | 296  | 264  | 261  | 341  | 296  | 295  | 262  | 261  | 293  | 261  | 260  | 236  |
| 1.00  | 548  | 536  | 449  | 442  | 524  | 435  | 437  | 427  | 372  | 366  | 325  | 319  | 288  | 285  | 360  | 319  | 316  | 285  | 284  | 314  | 283  | 282  | 255  |
| 1.25  | 575  | 563  | 456  | 450  | 549  | 443  | 468  | 458  | 387  | 381  | 343  | 338  | 309  | 305  | 375  | 337  | 334  | 305  | 303  | 331  | 303  | 301  | 270  |
| 1.50  | 593  | 582  | 459  | 454  | 566  | 447  | 492  | 481  | 397  | 392  | 357  | 351  | 324  | 320  | 384  | 349  | 347  | 320  | 318  | 343  | 317  | 314  | 281  |
| 2.00  | 608  | 599  | 451  | 447  | 580  | 440  | 517  | 506  | 400  | 395  | 366  | 361  | 338  | 333  | 387  | 358  | 356  | 333  | 330  | 351  | 328  | 325  | 288  |
| 2.50  | 618  | 609  | 444  | 441  | 588  | 434  | 533  | 523  | 400  | 397  | 372  | 367  | 347  | 342  | 388  | 363  | 361  | 341  | 338  | 355  | 335  | 331  | 291  |
| 3.00  | 622  | 615  | 437  | 435  | 592  | 428  | 544  | 534  | 399  | 396  | 374  | 369  | 351  | 347  | 386  | 364  | 362  | 345  | 342  | 356  | 339  | 333  | 292  |
| 4.00  | 635  | 629  | 435  | 433  | 605  | 426  | 565  | 556  | 403  | 401  | 383  | 379  | 364  | 360  | 390  | 373  | 371  | 356  | 354  | 364  | 349  | 343  | 299  |
| 5.00  | 647  | 642  | 437  | 436  | 616  | 428  | 582  | 574  | 409  | 407  | 392  | 388  | 376  | 372  | 396  | 381  | 380  | 367  | 365  | 372  | 359  | 352  | 306  |
| 10.00 | 682  | 679  | 451  | 450  | 650  | 443  | 630  | 625  | 432  | 431  | 421  | 419  | 411  | 409  | 419  | 410  | 409  | 401  | 400  | 399  | 392  | 383  | 333  |
| 20.00 | 709  | 708  | 466  | 465  | 677  | 459  | 665  | 663  | 452  | 452  | 446  | 445  | 440  | 439  | 440  | 434  | 434  | 429  | 428  | 423  | 418  | 408  | 356  |

## Working Pl.

|       |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |      |
|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| 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  | 601  | 588  | 560  | 551  | 580  | 545  | 465  | 457  | 448  | 442  | 382  | 377  | 334  | 332  | 438  | 378  | 376  | 333  | 332  | 375  | 332  | 331  | 314  |
| 0.80  | 716  | 701  | 659  | 650  | 689  | 642  | 576  | 565  | 549  | 542  | 483  | 477  | 433  | 430  | 536  | 476  | 474  | 430  | 429  | 472  | 429  | 427  | 410  |
| 1.00  | 804  | 789  | 732  | 724  | 774  | 714  | 664  | 653  | 628  | 621  | 564  | 558  | 515  | 511  | 613  | 556  | 554  | 511  | 509  | 550  | 509  | 507  | 489  |
| 1.25  | 885  | 871  | 798  | 790  | 852  | 779  | 750  | 737  | 702  | 695  | 643  | 635  | 595  | 590  | 685  | 633  | 630  | 590  | 587  | 625  | 586  | 583  | 566  |
| 1.50  | 945  | 931  | 844  | 837  | 909  | 826  | 814  | 800  | 756  | 749  | 700  | 693  | 655  | 649  | 737  | 689  | 686  | 649  | 646  | 680  | 644  | 640  | 624  |
| 2.00  | 1000 | 1000 | 908  | 902  | 991  | 890  | 909  | 896  | 834  | 828  | 787  | 779  | 747  | 740  | 814  | 773  | 770  | 738  | 735  | 762  | 731  | 726  | 711  |
| 2.50  | 1000 | 1000 | 946  | 941  | 1000 | 929  | 971  | 958  | 882  | 876  | 841  | 834  | 806  | 799  | 861  | 826  | 823  | 796  | 792  | 814  | 787  | 780  | 766  |
| 3.00  | 1000 | 1000 | 971  | 967  | 1000 | 955  | 1000 | 1000 | 914  | 910  | 879  | 872  | 848  | 840  | 893  | 863  | 860  | 836  | 832  | 849  | 826  | 817  | 804  |
| 4.00  | 1000 | 1000 | 1000 | 998  | 1000 | 985  | 1000 | 1000 | 953  | 949  | 924  | 918  | 898  | 891  | 931  | 907  | 904  | 885  | 881  | 892  | 873  | 862  | 850  |
| 5.00  | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 976  | 973  | 951  | 946  | 929  | 923  | 954  | 933  | 931  | 914  | 911  | 917  | 900  | 888  | 876  |
| 10.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 995  | 991  | 1000 | 988  | 987  | 977  | 974  | 969  | 959  | 944  | 932  |
| 20.00 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 998  | 992  | 974  | 963  |

LM53 SHR C0-C180: 1.086 SHR C90-C270: 1.075 SHR Square: 1.319

**Luminaire**  
Code A706-004-35  
Name Babila 28  
**Measurement**  
Code CL041A21F008G  
Name Babila 28

|                |           |                 |          |          |               |                       |         |
|----------------|-----------|-----------------|----------|----------|---------------|-----------------------|---------|
| Luminaire Flux | 184.74 lm | Luminaire Power | 7.53 W   | Efficacy | 24.52 lm/W    | Efficiency            | 100.00% |
| Sources Flux   | 184.74 lm | Maximum value   | 76.82 cd | Position | C=0.00 G=0.00 | CG Double Symmetrical |         |

Isolux (Floor)

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

