

## Luminaire

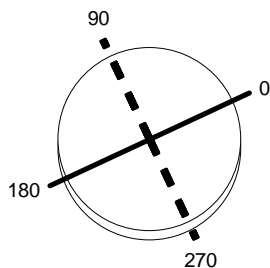
Code A036400  
Name TOLOMEO SOSPENSIONE DUE BRACCI alluminio

## Measurement

Code FTS1502051  
Name TOLOMEO SOSPENSIONE DUE BRACCI alluminio

|   |                                   |   |                  |   |                          |   |              |
|---|-----------------------------------|---|------------------|---|--------------------------|---|--------------|
| Luminaire Flux  | 1375.56 lm                        | Luminaire Power                           | 154.00 W         | Efficacy  | 8.93 lm/W                | Efficiency                                | 58.29%       |
| Lamps Flux  | 2360.00 lm                        | Maximum value                             | 199.70 cd/klm    | Position  | C=270.00 G=30.00         | CG  | Asymmetrical |
| Round Luminaire<br>Round Luminous Area  |                                   | Diam.<br>Diam.                            | 145 mm<br>140 mm | Height<br>Height  | 90 mm<br>0 mm            |   |              |
| Horizontal Luminous Area<br>Emitting area on Plane 0°<br>Emitting area on Plane 90° |                                   | 0.015394 m2<br>0.000000 m2<br>0.000000 m2 |                  | Emitting area on Plane 180°<br>Emitting area on Plane 270°<br>Glare area at 76° |                          | 0.000000 m2<br>0.000000 m2<br>0.003724 m2 |              |
| Coordinate system<br>Date<br>Measurement Distance                                   |                                   | CG<br>01-08-1995<br>0.00                  |                  | Symmetry Type<br>Maximum Gamma Angle<br>Measurement Flux                        |                          | Asymmetrical<br>180<br>2360.00 lm         |              |
| N100  |                                   |   |                  |   |                          |   |              |
| C.I.E.<br>F UTE   | 47 83 98 96 58<br>0.56 F + 0.03 T |   |                  | D DIN 5040<br>B NBN   | A31<br>BZ 5 / 0.8 / BZ 4 |   |              |

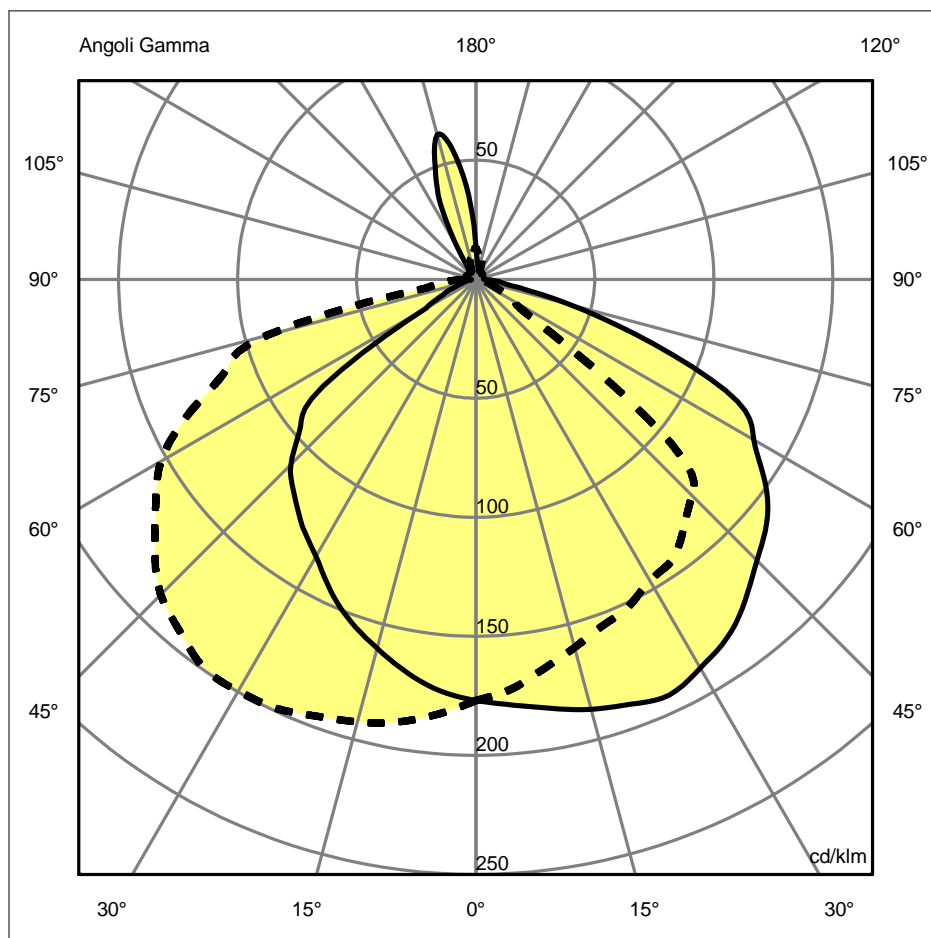
Diam=145mm



Semipiani C

180.0 ——— 0.0  
270.0 - - - - - 90.0

ULOR 2.54 %  
DLOR 55.74 %  
RN 4.36 %



## Luminaire

Code A036400  
Name TOLOMEO SOSPENSIONE DUE BRACCI alluminio

## Measurerm.

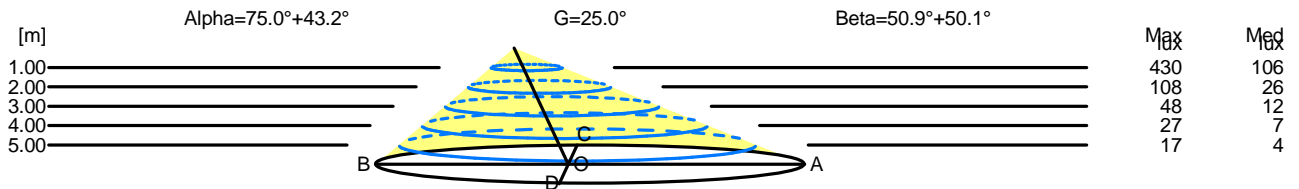
Code FTS1502051  
Name TOLOMEO SOSPENSIONE DUE BRACCI alluminio

|                            |                 |                 |               |                             |                   |              |              |
|----------------------------|-----------------|-----------------|---------------|-----------------------------|-------------------|--------------|--------------|
| Luminaire Flux             | 1375.56 lm      | Luminaire Power | 154.00 W      | Efficacy                    | 8.93 lm/W         | Efficiency   | 58.29%       |
| Lamps Flux                 | 2360.00 lm      | Maximum value   | 199.70 cd/klm | Position                    | C=270.00 G=30.00  | CG           | Asymmetrical |
| Round Luminaire            |                 | Diam.           | 145 mm        | Height                      | 90 mm             |              |              |
| Round Luminous Area        |                 | Diam.           | 140 mm        | Height                      | 0 mm              |              |              |
| Horizontal Luminous Area   |                 | 0.015394 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°           |                   | 0.003724 m2  |              |
| Coordinate system          |                 | CG              |               | Symmetry Type               |                   | Asymmetrical |              |
| Date                       |                 | 01-08-1995      |               | Maximum Gamma Angle         |                   | 180          |              |
| Measurement Distance       |                 | 0.00            |               | Measurement Flux            |                   | 2360.00 lm   |              |
| N100                       |                 |                 |               |                             |                   |              |              |
| C.I.E.                     | 47 83 98 96 58  |                 |               | D DIN 5040                  | A31               |              |              |
| F UTE                      | 0.56 F + 0.03 T |                 |               | B NBN                       | BZ 5 / 0.8 / BZ 4 |              |              |

### 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   | 2.03 | 4.07 | 6.10 | 8.14 | 10.17 | OC   | 1.36 | 2.71 | 4.07 | 5.43 | 6.79 |
| OB   | 1.66 | 3.31 | 4.97 | 6.62 | 8.28  | OD   | 1.32 | 2.64 | 3.95 | 5.27 | 6.59 |

|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |        |        |        |       |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|-------|
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75     | 85    |
| OA | 417.53                         | 423.57 | 441.15 | 454.32 | 434.00 | 393.91 | 349.94 | 286.22 | 96.15  | 21.43 |
| OB | 417.53                         | 409.27 | 378.52 | 340.60 | 299.41 | 259.29 | 184.60 | 35.16  | 13.74  | 4.39  |
| OC | 417.53                         | 407.64 | 378.02 | 358.27 | 339.60 | 303.40 | 80.64  | 28.53  | 10.97  | 4.39  |
| OD | 417.53                         | 432.87 | 454.28 | 469.10 | 470.18 | 441.65 | 387.35 | 312.72 | 213.44 | 27.42 |



| H[m] | D[m]  | Max lux | Med lux | Alpha=75.0°+43.2° | G=25.0 |
|------|-------|---------|---------|-------------------|--------|
| 1.00 | 3.69  | 430     | 106     |                   |        |
| 2.00 | 7.38  | 108     | 26      |                   |        |
| 3.00 | 11.07 | 48      | 12      |                   |        |
| 4.00 | 14.76 | 27      | 7       |                   |        |
| 5.00 | 18.45 | 17      | 4       |                   |        |

| H[m] | D[m]  | Max lux | Med lux | Beta=50.1°+50.9° | G=0.0 |
|------|-------|---------|---------|------------------|-------|
| 1.00 | 2.68  | 430     | 106     |                  |       |
| 2.00 | 5.35  | 108     | 26      |                  |       |
| 3.00 | 8.03  | 48      | 12      |                  |       |
| 4.00 | 10.70 | 27      | 7       |                  |       |
| 5.00 | 13.38 | 17      | 4       |                  |       |

**Luminaire**

Code A036400  
Name TOLOMEO SOSPENSIONE DUE BRACCI alluminio

**Measurerm.**

Code FTS1502051  
Name TOLOMEO SOSPENSIONE DUE BRACCI alluminio

|                |            |                 |               |          |                  |            |              |
|----------------|------------|-----------------|---------------|----------|------------------|------------|--------------|
| Luminaire Flux | 1375.56 lm | Luminaire Power | 154.00 W      | Efficacy | 8.93 lm/W        | Efficiency | 58.29%       |
| Lamps Flux     | 2360.00 lm | Maximum value   | 199.70 cd/klm | Position | C=270.00 G=30.00 | CG         | Asymmetrical |

**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 | ViewedCrosswise |      |      |      |      | ViewedEndwise |      |      |      |      |
| x=2H y=2H      | 22.1            | 23.3 | 22.4 | 23.6 | 27.5 | 25.6          | 26.9 | 26.0 | 27.2 | 27.5 |
| x=2H y=3H      | 22.1            | 23.2 | 22.5 | 23.5 | 29.8 | 28.0          | 29.1 | 28.4 | 29.4 | 29.8 |
| x=2H y=4H      | 22.0            | 23.1 | 22.4 | 23.4 | 30.8 | 29.0          | 30.1 | 29.4 | 30.4 | 30.8 |
| x=2H y=6H      | 22.0            | 23.0 | 22.4 | 23.3 | 31.1 | 29.4          | 30.3 | 29.8 | 30.7 | 31.1 |
| x=2H y=8H      | 22.0            | 22.9 | 22.4 | 23.3 | 31.1 | 29.4          | 30.3 | 29.8 | 30.7 | 31.1 |
| x=2H y=12H     | 22.0            | 22.8 | 22.4 | 23.2 | 31.1 | 29.4          | 30.3 | 29.9 | 30.7 | 31.1 |
| x=4H y=2H      | 23.8            | 24.8 | 24.2 | 25.2 | 27.9 | 26.1          | 27.2 | 26.5 | 27.5 | 27.9 |
| x=4H y=3H      | 23.8            | 24.7 | 24.3 | 25.1 | 30.2 | 28.4          | 29.3 | 28.9 | 29.7 | 30.2 |
| x=4H y=4H      | 23.8            | 24.6 | 24.3 | 25.0 | 31.1 | 29.4          | 30.2 | 29.9 | 30.6 | 31.1 |
| x=4H y=6H      | 23.8            | 24.5 | 24.3 | 24.9 | 31.4 | 29.7          | 30.4 | 30.2 | 30.9 | 31.4 |
| x=4H y=8H      | 23.8            | 24.4 | 24.3 | 24.9 | 31.3 | 29.8          | 30.4 | 30.3 | 30.8 | 31.3 |
| x=4H y=12H     | 23.7            | 24.3 | 24.3 | 24.8 | 31.4 | 29.8          | 30.4 | 30.3 | 30.9 | 31.4 |
| x=8H y=4H      | 24.3            | 24.9 | 24.8 | 25.4 | 30.9 | 29.3          | 29.9 | 29.8 | 30.4 | 30.9 |
| x=8H y=6H      | 24.3            | 24.8 | 24.8 | 25.3 | 31.2 | 29.7          | 30.2 | 30.2 | 30.7 | 31.2 |
| x=8H y=8H      | 24.3            | 24.7 | 24.9 | 25.3 | 31.2 | 29.7          | 30.2 | 30.3 | 30.7 | 31.2 |
| x=8H y=12H     | 24.3            | 24.7 | 24.9 | 25.2 | 31.3 | 29.8          | 30.2 | 30.3 | 30.7 | 31.3 |
| x=12H y=4H     | 24.3            | 24.9 | 24.8 | 25.3 | 30.8 | 29.3          | 29.8 | 29.8 | 30.3 | 30.8 |
| x=12H y=6H     | 24.3            | 24.8 | 24.9 | 25.3 | 31.1 | 29.6          | 30.1 | 30.2 | 30.6 | 31.1 |
| x=12H y=8H     | 24.3            | 24.7 | 24.9 | 25.3 | 31.2 | 29.7          | 30.1 | 30.2 | 30.6 | 31.2 |