

## Luminaire

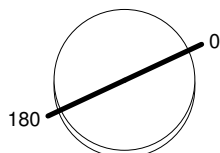
Code AD12401  
Name PICTO 100 New led Verticale DIM Bianco 4000K flood

## Measurem.

Code FTS1603576  
Name PICTO 100 New led Verticale DIM Bianco 4000K flood

|                                                                                                |                  |                 |                 |                             |                |                 |                 |
|------------------------------------------------------------------------------------------------|------------------|-----------------|-----------------|-----------------------------|----------------|-----------------|-----------------|
| Luminaire Flux                                                                                 | 2928.10 lm       | Luminaire Power | 35.00 W         | Efficacy                    | 83.66 lm/W     | Efficiency      | 100.00%         |
| Lamps Flux                                                                                     | 2928.10 lm       | Maximum value   | 1909.63 cd/klm  | Position                    | C=0.00 G=0.00  | CG              | Rotosymmetrical |
| Round Luminaire<br>Round Luminous Area                                                         |                  | Diam.<br>Diam.  | 100 mm<br>80 mm | Height<br>Height            | 100 mm<br>0 mm |                 |                 |
| Horizontal Luminous Area                                                                       |                  | 0.005027 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°           |                | 0.001216 m2     |                 |
| Coordinate system                                                                              |                  | CG              |                 | Symmetry Type               |                | Rotosymmetrical |                 |
| Date                                                                                           |                  | 20-04-2017      |                 | Maximum Gamma Angle         |                | 180             |                 |
| Measurement Distance                                                                           |                  | 0.00            |                 | Measurement Flux            |                | 2928.10 lm      |                 |
| LED Flux=3606lm LED Power=31W Eff=81% EfcLed=116lm/W EfcLum=84lm/W Ra=90 SDCM=3 L70(6K)=50000h |                  |                 |                 |                             |                |                 |                 |
| C.I.E.                                                                                         | 87 95 99 100 100 |                 |                 | D DIN 5040                  |                | A60             |                 |
| F UTE                                                                                          | 1.00 A           |                 |                 | B NBN                       |                | BZ 1            |                 |

Diam=100mm



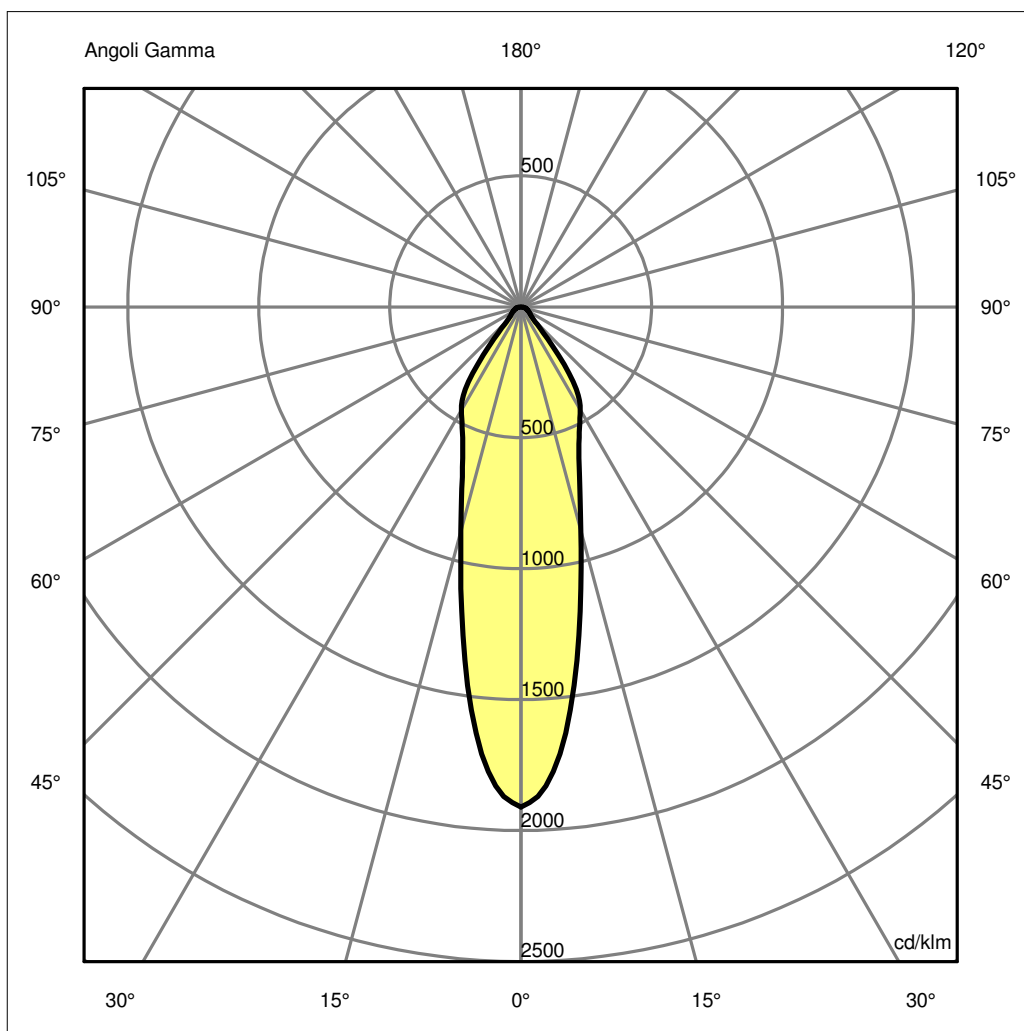
Semipiani C

180.0 ——— 0.0

ULOR 0.01 %

DLOR 99.99 %

RN 0.01 %



## Luminaire

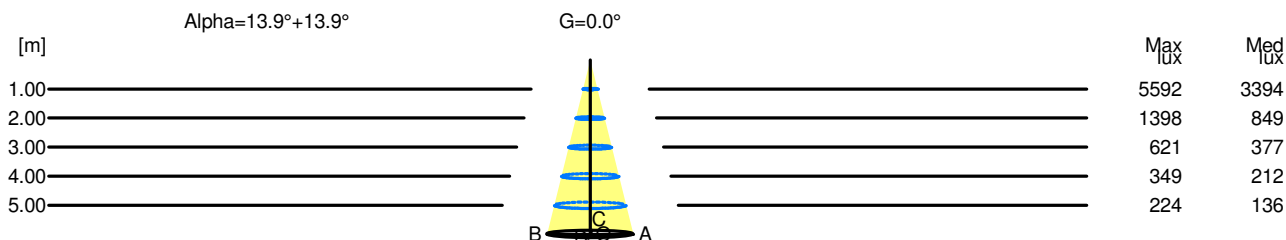
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**Measur.**  
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| Round Luminaire<br>Round Luminous Area                                                         |                  | Diam.<br>Diam.  | 100 mm<br>80 mm | Height<br>Height            | 100 mm<br>0 mm |                 |                 |
| Horizontal Luminous Area                                                                       |                  | 0.005027 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°           |                | 0.001216 m2     |                 |
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| C.I.E.                                                                                         | 87 95 99 100 100 |                 |                 | D DIN 5040                  |                | A60             |                 |
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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   | 0.25 | 0.50 | 0.74 | 0.99 | 1.24 | OC   | 0.25 | 0.50 | 0.74 | 0.99 | 1.24 |
| OB   | 0.25 | 0.50 | 0.74 | 0.99 | 1.24 | OD   | 0.25 | 0.50 | 0.74 | 0.99 | 1.24 |

|    |                                |         |         |         |         |        |        |       |       |       |
|----|--------------------------------|---------|---------|---------|---------|--------|--------|-------|-------|-------|
|    | Luminous Intensities [ cd/klm] |         |         |         |         |        |        |       |       |       |
|    | 0                              | 5       | 15      | 25      | 35      | 45     | 55     | 65    | 75    | 85    |
| OA | 5591.60                        | 5017.02 | 2593.96 | 1545.00 | 1022.06 | 205.04 | 121.02 | 79.91 | 55.05 | 15.88 |
| OB | 5591.60                        | 5017.02 | 2593.96 | 1545.00 | 1022.06 | 205.04 | 121.02 | 79.91 | 55.05 | 15.88 |
| OC | 5591.60                        | 5017.02 | 2593.96 | 1545.00 | 1022.06 | 205.04 | 121.02 | 79.91 | 55.05 | 15.88 |
| OD | 5591.60                        | 5017.02 | 2593.96 | 1545.00 | 1022.06 | 205.04 | 121.02 | 79.91 | 55.05 | 15.88 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.9°+13.9° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.50 | 5592    | 3394    |                   |       |
| 2.00 | 0.99 | 1398    | 849     |                   |       |
| 3.00 | 1.49 | 621     | 377     |                   |       |
| 4.00 | 1.98 | 349     | 212     |                   |       |
| 5.00 | 2.48 | 224     | 136     |                   |       |

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## Measur.

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|                |            |                 |                |          |               |            |                 |
|----------------|------------|-----------------|----------------|----------|---------------|------------|-----------------|
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| Lamps Flux     | 2928.10 lm | Maximum value   | 1909.63 cd/klm | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |

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      | 23.5            | 24.3 | 23.8 | 24.5 | 24.7 | 23.5          | 24.3 | 23.8 | 24.5 | 24.7 |
| x=2H y=3H      | 24.2            | 25.0 | 24.5 | 25.2 | 25.4 | 24.2          | 25.0 | 24.5 | 25.2 | 25.4 |
| x=2H y=4H      | 24.8            | 25.4 | 25.1 | 25.7 | 26.0 | 24.8          | 25.4 | 25.1 | 25.7 | 26.0 |
| x=2H y=6H      | 25.2            | 25.8 | 25.5 | 26.1 | 26.4 | 25.2          | 25.8 | 25.5 | 26.1 | 26.4 |
| x=2H y=8H      | 25.4            | 26.0 | 25.7 | 26.3 | 26.6 | 25.4          | 26.0 | 25.7 | 26.3 | 26.6 |
| x=2H y=12H     | 25.5            | 26.0 | 25.8 | 26.3 | 26.7 | 25.5          | 26.0 | 25.8 | 26.3 | 26.7 |
| x=4H y=2H      | 23.7            | 24.4 | 24.0 | 24.7 | 24.9 | 23.7          | 24.4 | 24.0 | 24.7 | 24.9 |
| x=4H y=3H      | 24.8            | 25.3 | 25.1 | 25.6 | 26.0 | 24.8          | 25.3 | 25.1 | 25.6 | 26.0 |
| x=4H y=4H      | 25.5            | 26.0 | 25.8 | 26.3 | 26.6 | 25.5          | 26.0 | 25.8 | 26.3 | 26.6 |
| x=4H y=6H      | 26.1            | 26.5 | 26.5 | 26.9 | 27.2 | 26.1          | 26.5 | 26.5 | 26.9 | 27.2 |
| x=4H y=8H      | 26.3            | 26.7 | 26.7 | 27.1 | 27.5 | 26.3          | 26.7 | 26.7 | 27.1 | 27.5 |
| x=4H y=12H     | 26.5            | 26.8 | 26.9 | 27.2 | 27.6 | 26.5          | 26.8 | 26.9 | 27.2 | 27.6 |
| x=8H y=4H      | 25.8            | 26.2 | 26.2 | 26.5 | 26.9 | 25.8          | 26.2 | 26.2 | 26.5 | 26.9 |
| x=8H y=6H      | 26.5            | 26.8 | 27.0 | 27.2 | 27.7 | 26.5          | 26.8 | 27.0 | 27.2 | 27.7 |
| x=8H y=8H      | 26.8            | 27.1 | 27.3 | 27.5 | 28.0 | 26.8          | 27.1 | 27.3 | 27.5 | 28.0 |
| x=8H y=12H     | 27.1            | 27.3 | 27.5 | 27.7 | 28.2 | 27.1          | 27.3 | 27.5 | 27.7 | 28.2 |
| x=12H y=4H     | 25.8            | 26.1 | 26.2 | 26.5 | 27.0 | 25.8          | 26.1 | 26.2 | 26.5 | 27.0 |
| x=12H y=6H     | 26.6            | 26.8 | 27.1 | 27.3 | 27.8 | 26.6          | 26.8 | 27.1 | 27.3 | 27.8 |
| x=12H y=8H     | 26.9            | 27.1 | 27.4 | 27.6 | 28.1 | 26.9          | 27.1 | 27.4 | 27.6 | 28.1 |