

## Luminaire

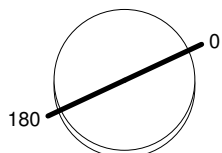
Code AD14101  
Name PICTO 100 New led Orizzontale ND Bianco 3000K flood

## Measurem.

Code FTS1603591  
Name PICTO 100 New led Orizzontale ND Bianco 3000K flood

|                                                                                                |                  |                 |                 |                             |                |                 |                 |
|------------------------------------------------------------------------------------------------|------------------|-----------------|-----------------|-----------------------------|----------------|-----------------|-----------------|
| Luminaire Flux                                                                                 | 2842.80 lm       | Luminaire Power | 35.00 W         | Efficacy                    | 81.22 lm/W     | Efficiency      | 100.00%         |
| Lamps Flux                                                                                     | 2842.80 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            |                | 2842.80 lm      |                 |
| LED Flux=3501lm LED Power=31W Eff=81% EfcLed=113lm/W EfcLum=81lm/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



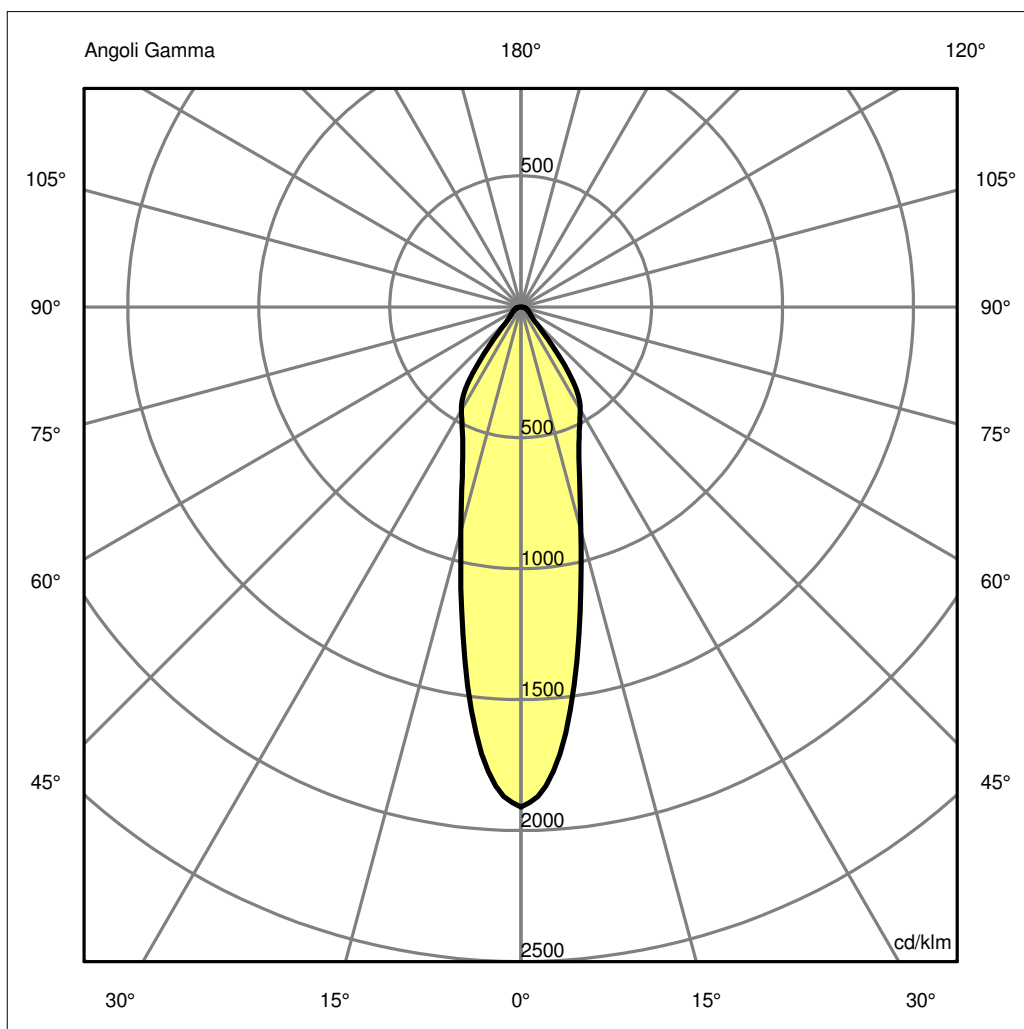
Semipiani C

180.0 — 0.0

ULOR 0.01 %

DLOR 99.99 %

RN 0.01 %



## Luminaire

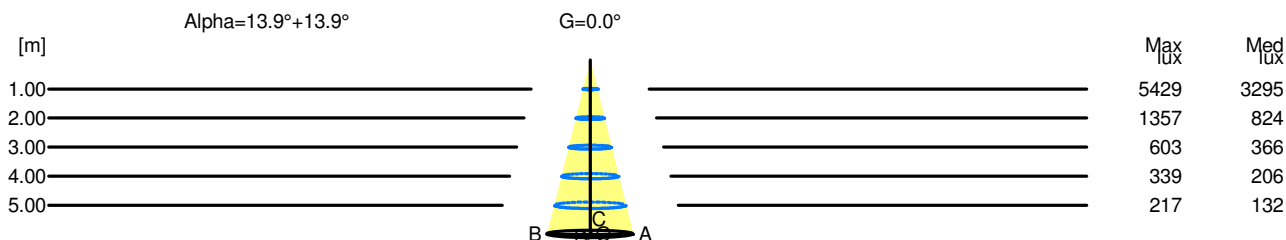
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Name PICTO 100 New led Orizzontale ND Bianco 3000K flood  
**Measur.**  
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|                                                                                                |                            |                                           |                 |                                                                                 |                |                                           |                 |
|------------------------------------------------------------------------------------------------|----------------------------|-------------------------------------------|-----------------|---------------------------------------------------------------------------------|----------------|-------------------------------------------|-----------------|
| Luminaire Flux                                                                                 | 2842.80 lm                 | Luminaire Power                           | 35.00 W         | Efficacy                                                                        | 81.22 lm/W     | Efficiency                                | 100.00%         |
| Lamps Flux                                                                                     | 2842.80 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<br>Emitting area on Plane 0°<br>Emitting area on Plane 90°            |                            | 0.005027 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>0.001216 m2 |                 |
| Coordinate system<br>Date<br>Measurement Distance                                              |                            | CG<br>20-04-2017<br>0.00                  |                 | Symmetry Type<br>Maximum Gamma Angle<br>Measurement Flux                        |                | Rotosymmetrical<br>180<br>2842.80 lm      |                 |
| LED Flux=3501lm LED Power=31W Eff=81% EfcLed=113lm/W EfcLum=81lm/W Ra=90 SDCM=3 L70(6K)=50000h |                            |                                           |                 |                                                                                 |                |                                           |                 |
| C.I.E.<br>F UTE                                                                                | 87 95 99 100 100<br>1.00 A |                                           |                 | D DIN 5040<br>B NBN                                                             | A60<br>BZ 1    |                                           |                 |

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 | 5428.71                        | 4870.87 | 2518.39 | 1499.99 | 992.28 | 199.07 | 117.50 | 77.59 | 53.45 | 15.42 |
| OB | 5428.71                        | 4870.87 | 2518.39 | 1499.99 | 992.28 | 199.07 | 117.50 | 77.59 | 53.45 | 15.42 |
| OC | 5428.71                        | 4870.87 | 2518.39 | 1499.99 | 992.28 | 199.07 | 117.50 | 77.59 | 53.45 | 15.42 |
| OD | 5428.71                        | 4870.87 | 2518.39 | 1499.99 | 992.28 | 199.07 | 117.50 | 77.59 | 53.45 | 15.42 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.9°+13.9° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.50 | 5429    | 3295    |                   |       |
| 2.00 | 0.99 | 1357    | 824     |                   |       |
| 3.00 | 1.49 | 603     | 366     |                   |       |
| 4.00 | 1.98 | 339     | 206     |                   |       |
| 5.00 | 2.48 | 217     | 132     |                   |       |

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## Measur.

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|                |            |                 |                |          |               |            |                 |
|----------------|------------|-----------------|----------------|----------|---------------|------------|-----------------|
| Luminaire Flux | 2842.80 lm | Luminaire Power | 35.00 W        | Efficacy | 81.22 lm/W    | Efficiency | 100.00%         |
| Lamps Flux     | 2842.80 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      | 23.4            | 24.2 | 23.7 | 24.4 | 24.6 | 23.4          | 24.2 | 23.7 | 24.4 | 24.6 |
| x=2H y=3H      | 24.1            | 24.9 | 24.4 | 25.1 | 25.3 | 24.1          | 24.9 | 24.4 | 25.1 | 25.3 |
| x=2H y=4H      | 24.6            | 25.3 | 25.0 | 25.6 | 25.9 | 24.6          | 25.3 | 25.0 | 25.6 | 25.9 |
| x=2H y=6H      | 25.1            | 25.7 | 25.4 | 26.0 | 26.3 | 25.1          | 25.7 | 25.4 | 26.0 | 26.3 |
| x=2H y=8H      | 25.3            | 25.9 | 25.6 | 26.2 | 26.5 | 25.3          | 25.9 | 25.6 | 26.2 | 26.5 |
| x=2H y=12H     | 25.4            | 25.9 | 25.7 | 26.2 | 26.6 | 25.4          | 25.9 | 25.7 | 26.2 | 26.6 |
| x=4H y=2H      | 23.6            | 24.3 | 23.9 | 24.6 | 24.8 | 23.6          | 24.3 | 23.9 | 24.6 | 24.8 |
| x=4H y=3H      | 24.7            | 25.2 | 25.0 | 25.5 | 25.9 | 24.7          | 25.2 | 25.0 | 25.5 | 25.9 |
| x=4H y=4H      | 25.4            | 25.9 | 25.7 | 26.2 | 26.5 | 25.4          | 25.9 | 25.7 | 26.2 | 26.5 |
| x=4H y=6H      | 26.0            | 26.4 | 26.4 | 26.8 | 27.1 | 26.0          | 26.4 | 26.4 | 26.8 | 27.1 |
| x=4H y=8H      | 26.2            | 26.6 | 26.6 | 27.0 | 27.4 | 26.2          | 26.6 | 26.6 | 27.0 | 27.4 |
| x=4H y=12H     | 26.4            | 26.7 | 26.8 | 27.1 | 27.5 | 26.4          | 26.7 | 26.8 | 27.1 | 27.5 |
| x=8H y=4H      | 25.7            | 26.1 | 26.1 | 26.4 | 26.8 | 25.7          | 26.1 | 26.1 | 26.4 | 26.8 |
| x=8H y=6H      | 26.4            | 26.7 | 26.9 | 27.1 | 27.6 | 26.4          | 26.7 | 26.9 | 27.1 | 27.6 |
| x=8H y=8H      | 26.7            | 27.0 | 27.2 | 27.4 | 27.9 | 26.7          | 27.0 | 27.2 | 27.4 | 27.9 |
| x=8H y=12H     | 26.9            | 27.2 | 27.4 | 27.6 | 28.1 | 26.9          | 27.2 | 27.4 | 27.6 | 28.1 |
| x=12H y=4H     | 25.7            | 26.0 | 26.1 | 26.4 | 26.8 | 25.7          | 26.0 | 26.1 | 26.4 | 26.8 |
| x=12H y=6H     | 26.5            | 26.7 | 26.9 | 27.2 | 27.7 | 26.5          | 26.7 | 26.9 | 27.2 | 27.7 |
| x=12H y=8H     | 26.8            | 27.0 | 27.3 | 27.5 | 28.0 | 26.8          | 27.0 | 27.3 | 27.5 | 28.0 |