

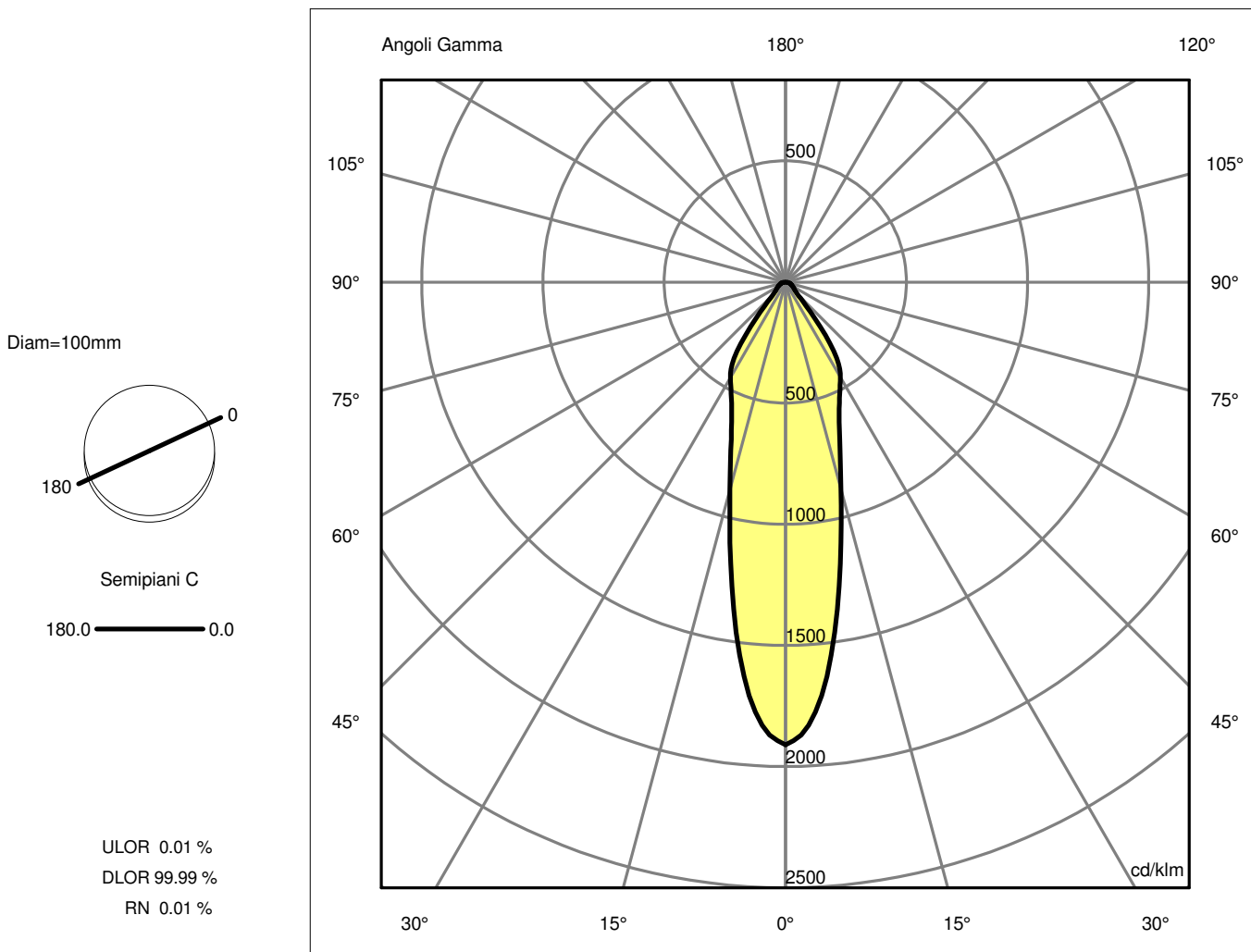
Luminaire

Code AD10104
Name PICTO 100 New led Verticale ND Nero 3000K flood

Measurem.

Code FTS1603579
Name PICTO 100 New led Verticale ND Nero 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 Round Luminous Area | | Diam. Diam. | 100 mm 80 mm | Height Height | 100 mm 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 | | |



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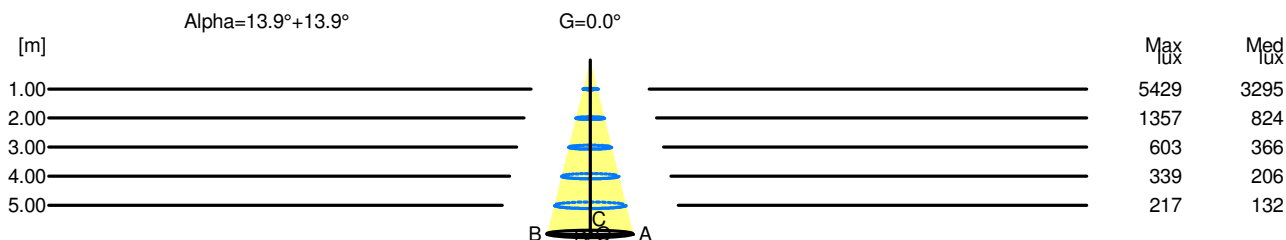
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Width at 50.00 % of Max Intensity

| 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 | 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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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 |