

Luminaire

Code BM11301
Name HOY SPOT PLAF ORIENT 3000K WF ND BCO

Measurem.

Code FTS2000277
Name HOY SPOT PLAF ORIENT 3000K WF ND BCO

| | | | | | | | |
|---|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 1914.65 lm | Luminaire Power | 22.00 W | Efficacy | 87.03 lm/W | Efficiency | 100.00% |
| Sources Flux | 1914.65 lm | Maximum value | 1307.01 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 90 mm | Height | 110 mm | | |
| Round Luminous Area | | Diam. | 74 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | | 0.004301 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° | | | 0.001040 m2 |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 27-04-2021 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1914.65 lm | |
| LED Flux=2253lm LED Power=19W Eff=85% EfcLed=118lm/W EfcLum=87lm/W CCT=3000 Ra=90 SDCM=2 L70(6K)=50000h | | | | | | | |
| C.I.E. | 92 99 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 A | | | B NBN | BZ 1 | | |

Diam=90mm



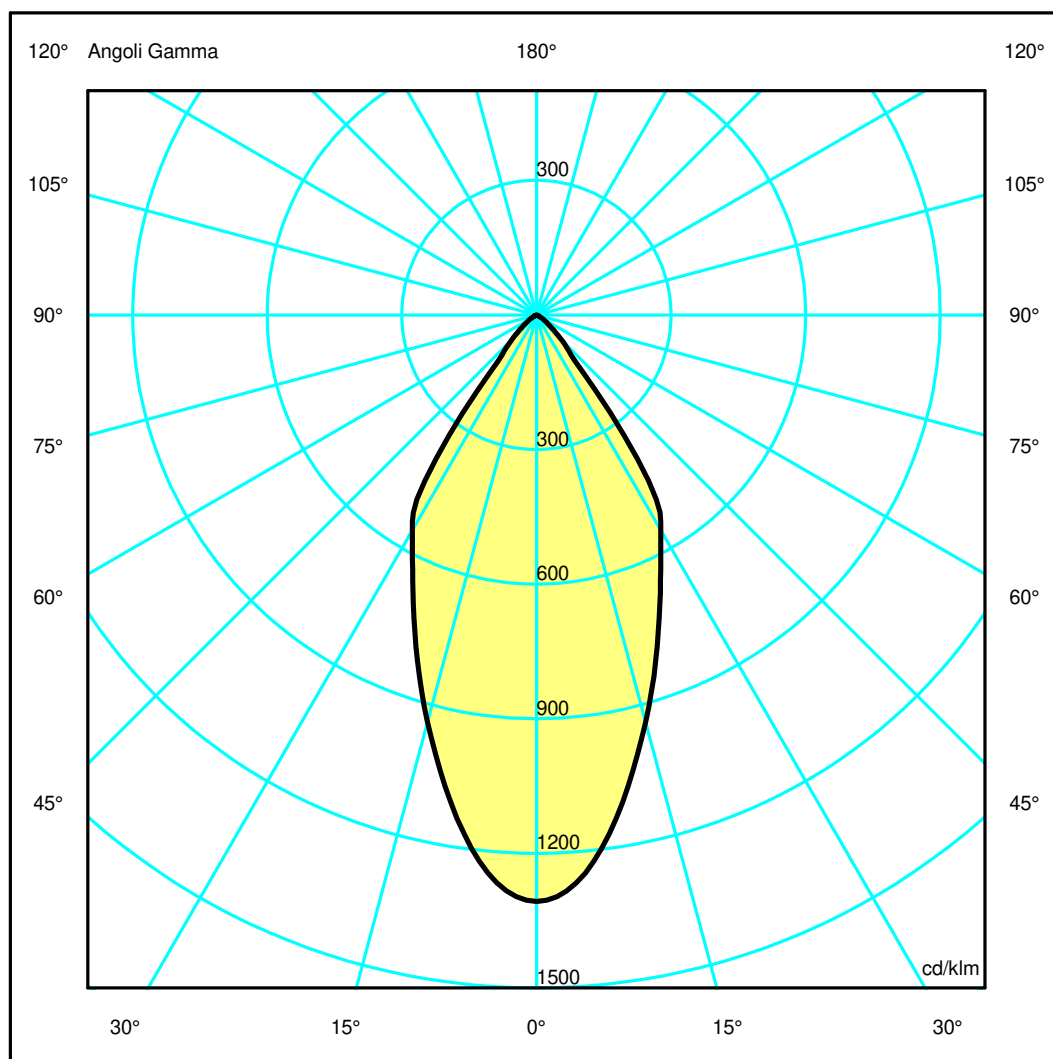
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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Measurement

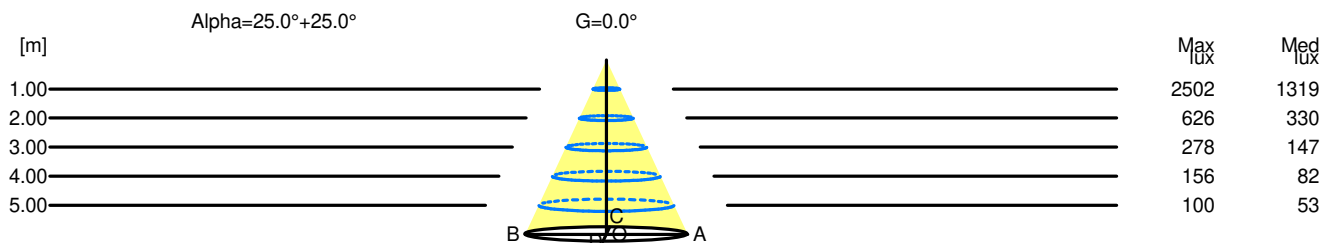
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|---|-------------------|-------------------------|----------------|-----------------------------|---------------|-------------------------|-----------------|
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| Round Luminaire | | Diam. | 90 mm | Height | 110 mm | | |
| Round Luminous Area | | Diam. | 74 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | 0.004301 m ² | | Emitting area on Plane 180° | | 0.000000 m ² | |
| Emitting area on Plane 0° | | 0.000000 m ² | | Emitting area on Plane 270° | | 0.000000 m ² | |
| Emitting area on Plane 90° | | 0.000000 m ² | | Glare area at 76° | | 0.001040 m ² | |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 27-04-2021 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1914.65 lm | |
| LED Flux=2253lm LED Power=19W Eff=85% EfcLed=118lm/W EfcLum=87lm/W CCT=3000 Ra=90 SDCM=2 L70(6K)=50000h | | | | | | | |
| C.I.E. | 92 99 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 A | | | B NBN | 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 | 0.47 | 0.93 | 1.40 | 1.86 | 2.33 | OC | 0.47 | 0.93 | 1.40 | 1.86 | 2.33 |
| OB | 0.47 | 0.93 | 1.40 | 1.86 | 2.33 | OD | 0.47 | 0.93 | 1.40 | 1.86 | 2.33 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|---------|---------|---------|--------|--------|-------|-------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 2502.48 | 2389.54 | 1797.76 | 1250.86 | 748.93 | 155.40 | 45.68 | 12.65 | 2.65 | 0.16 |
| OB | 2502.48 | 2389.54 | 1797.76 | 1250.86 | 748.93 | 155.40 | 45.68 | 12.65 | 2.65 | 0.16 |
| OC | 2502.48 | 2389.54 | 1797.76 | 1250.86 | 748.93 | 155.40 | 45.68 | 12.65 | 2.65 | 0.16 |
| OD | 2502.48 | 2389.54 | 1797.76 | 1250.86 | 748.93 | 155.40 | 45.68 | 12.65 | 2.65 | 0.16 |



| H[m] | D[m] | Max lux | Med lux | Alpha=25.0°+25.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.93 | 2502 | 1319 | | |
| 2.00 | 1.86 | 626 | 330 | | |
| 3.00 | 2.80 | 278 | 147 | | |
| 4.00 | 3.73 | 156 | 82 | | |
| 5.00 | 4.66 | 100 | 53 | | |