

Luminaire

Code BM21004
Name HOY SPOT BIN OR 3000K FL ND NRO OTK

Measurement

Code FTS2000281-B
Name HOY SPOT BIN OR 3000K FL ND NRO OTK

| | | | | | | | |
|---|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 1924 lm | Luminaire Power | 22.0 W | Efficacy | 87.455 lm/W | Efficiency | 100.00% |
| Source Flux | 1924 lm | Maximum value | 2570.70 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 90 mm | Height | 188 mm | | |
| Round Luminous Area | | Diam. | 69 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | 0.003739 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° | | 0.000905 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 07-03-2025 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1924 lm | |
| LED Flux=2253lm LED Power=19W Eff=85% EfcLed=118lm/W EfcLum=87lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(10k)=55400h | | | | | | | |
| C.I.E. | 97 | 100 | 100 | 100 | D DIN 5040 | A60 | |
| F UTE | -- | | | | B NBN | BZ 1 | |

Diam=90mm



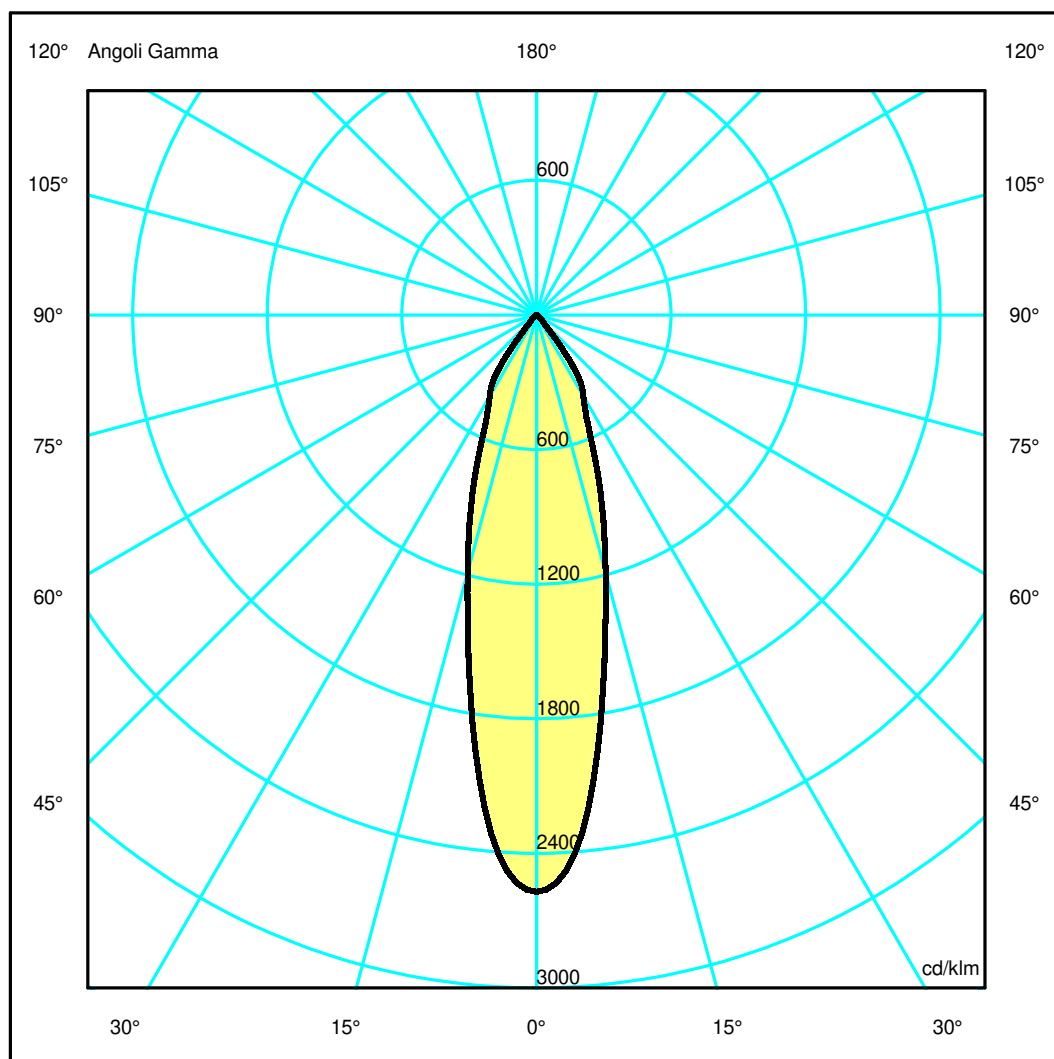
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Measurem.

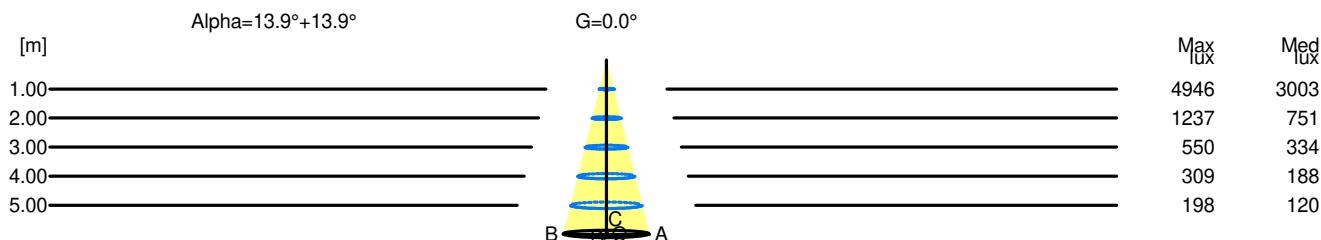
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Width at 50.00 % of Max Intensity

| | | | | | | | | | | | |
|------|------|------|------|------|------|------|------|------|------|------|------|
| 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 | 0.49 | 0.74 | 0.99 | 1.24 | OC | 0.25 | 0.49 | 0.74 | 0.99 | 1.24 |
| OB | 0.25 | 0.49 | 0.74 | 0.99 | 1.24 | OD | 0.25 | 0.49 | 0.74 | 0.99 | 1.24 |

| | | | | | | | | | | |
|----|--------------------------------|---------|---------|---------|--------|-------|-------|------|------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 4946.02 | 4464.43 | 2285.69 | 1049.49 | 575.04 | 64.96 | 13.39 | 4.49 | 1.00 | 0.08 |
| OB | 4946.02 | 4464.43 | 2285.69 | 1049.49 | 575.04 | 64.96 | 13.39 | 4.49 | 1.00 | 0.08 |
| OC | 4946.02 | 4464.43 | 2285.69 | 1049.49 | 575.04 | 64.96 | 13.39 | 4.49 | 1.00 | 0.08 |
| OD | 4946.02 | 4464.43 | 2285.69 | 1049.49 | 575.04 | 64.96 | 13.39 | 4.49 | 1.00 | 0.08 |



| H[m] | D[m] | Max lux | Med lux | Alpha=13.9°+13.9° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.49 | 4946 | 3003 | | |
| 2.00 | 0.99 | 1237 | 751 | | |
| 3.00 | 1.48 | 550 | 334 | | |
| 4.00 | 1.98 | 309 | 188 | | |
| 5.00 | 2.47 | 198 | 120 | | |