

Luminaire

Code BM02101
Name HOY SPOT SEMINC ORIENT 3000K XF BCO

Measur.

Code FTS2000243-B
Name HOY SPOT SEMINC ORIENT 3000K XF BCO

| | | | | | | | |
|---|-------------------|-----------------|---------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 1784 lm | Luminaire Power | 19.0 W | Efficacy | 93.895 lm/W | Efficiency | 100.00% |
| Source Flux | 1784 lm | Maximum value | 891.23 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 | | 1784 lm | |
| LED Flux=2253lm LED Power=19W Eff=79% EfcLed=119lm/W EfcLum=94lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(10k)=55400h | | | | | | | |
| C.I.E. | 79 95 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 B | | | B NBN | BZ 1 | | |

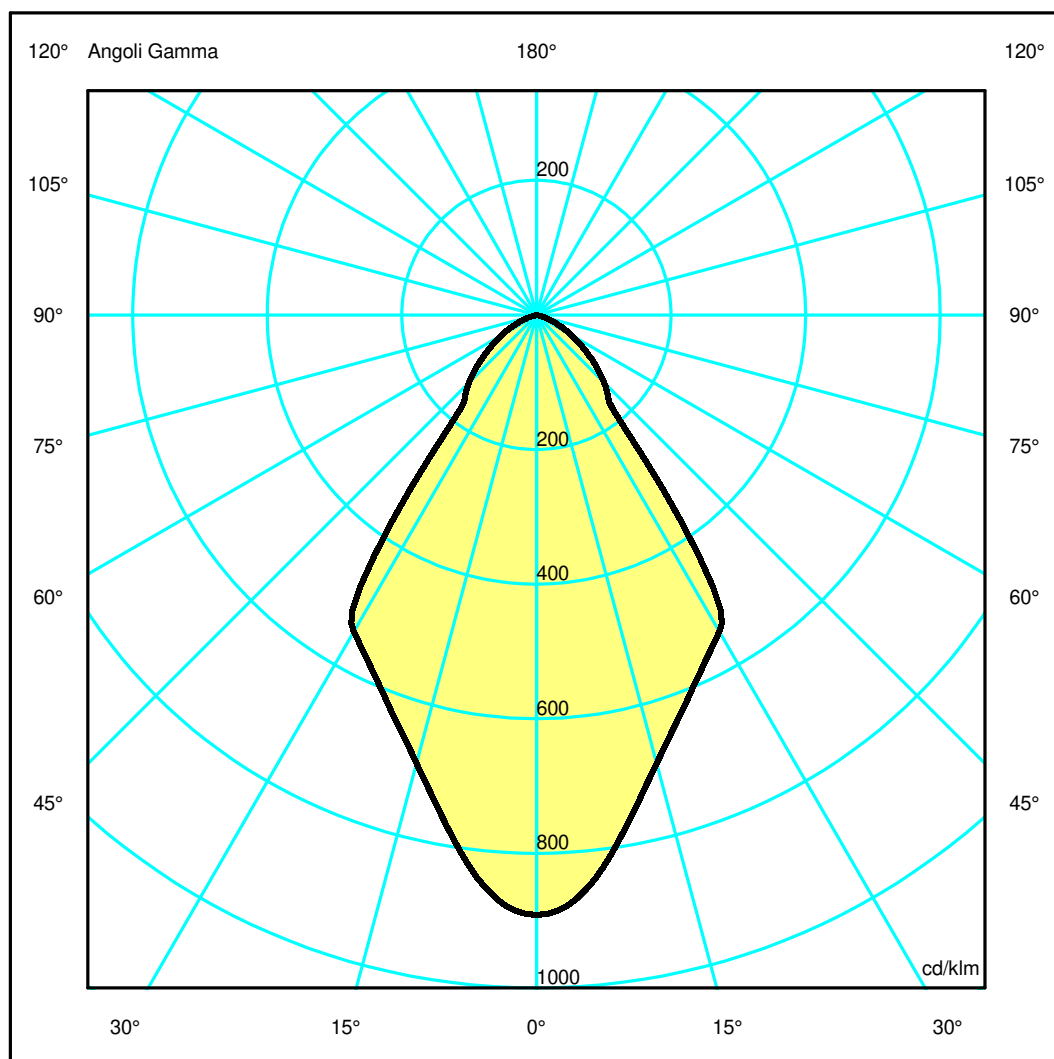
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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Measurem.

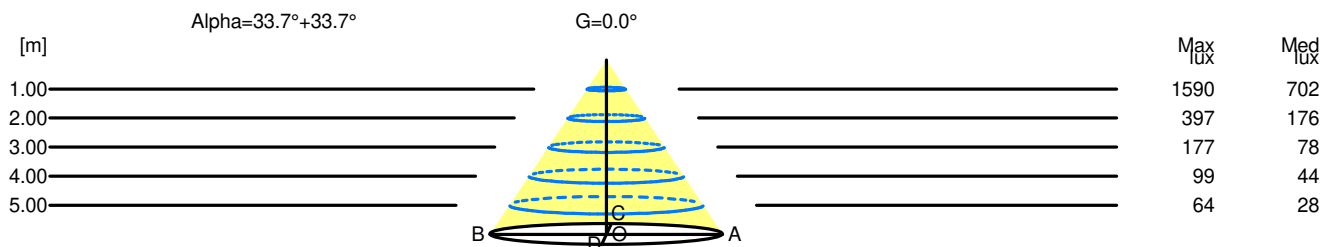
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| LED Flux=2253lm LED Power=19W Eff=79% EfcLed=119lm/W EfcLum=94lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(10k)=55400h | | | | | | | |
| C.I.E. | 79 95 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 B | | | B NBN | BZ 1 | | |

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 | 0.67 | 1.33 | 2.00 | 2.67 | 3.34 | OC | 0.67 | 1.33 | 2.00 | 2.67 | 3.34 |
| OB | 0.67 | 1.33 | 2.00 | 2.67 | 3.34 | OD | 0.67 | 1.33 | 2.00 | 2.67 | 3.34 |

| | | | | | | | | | | |
|----|--------------------------------|---------|---------|---------|--------|--------|--------|-------|-------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 1589.96 | 1526.70 | 1230.24 | 1034.96 | 668.46 | 253.62 | 150.31 | 69.17 | 15.91 | 0.71 |
| OB | 1589.96 | 1526.70 | 1230.24 | 1034.96 | 668.46 | 253.62 | 150.31 | 69.17 | 15.91 | 0.71 |
| OC | 1589.96 | 1526.70 | 1230.24 | 1034.96 | 668.46 | 253.62 | 150.31 | 69.17 | 15.91 | 0.71 |
| OD | 1589.96 | 1526.70 | 1230.24 | 1034.96 | 668.46 | 253.62 | 150.31 | 69.17 | 15.91 | 0.71 |



| H[m] | D[m] | Max lux | Med lux | Alpha=33.7°+33.7° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.33 | 1590 | 702 | | |
| 2.00 | 2.67 | 397 | 176 | | |
| 3.00 | 4.00 | 177 | 78 | | |
| 4.00 | 5.34 | 99 | 44 | | |
| 5.00 | 6.67 | 64 | 28 | | |