

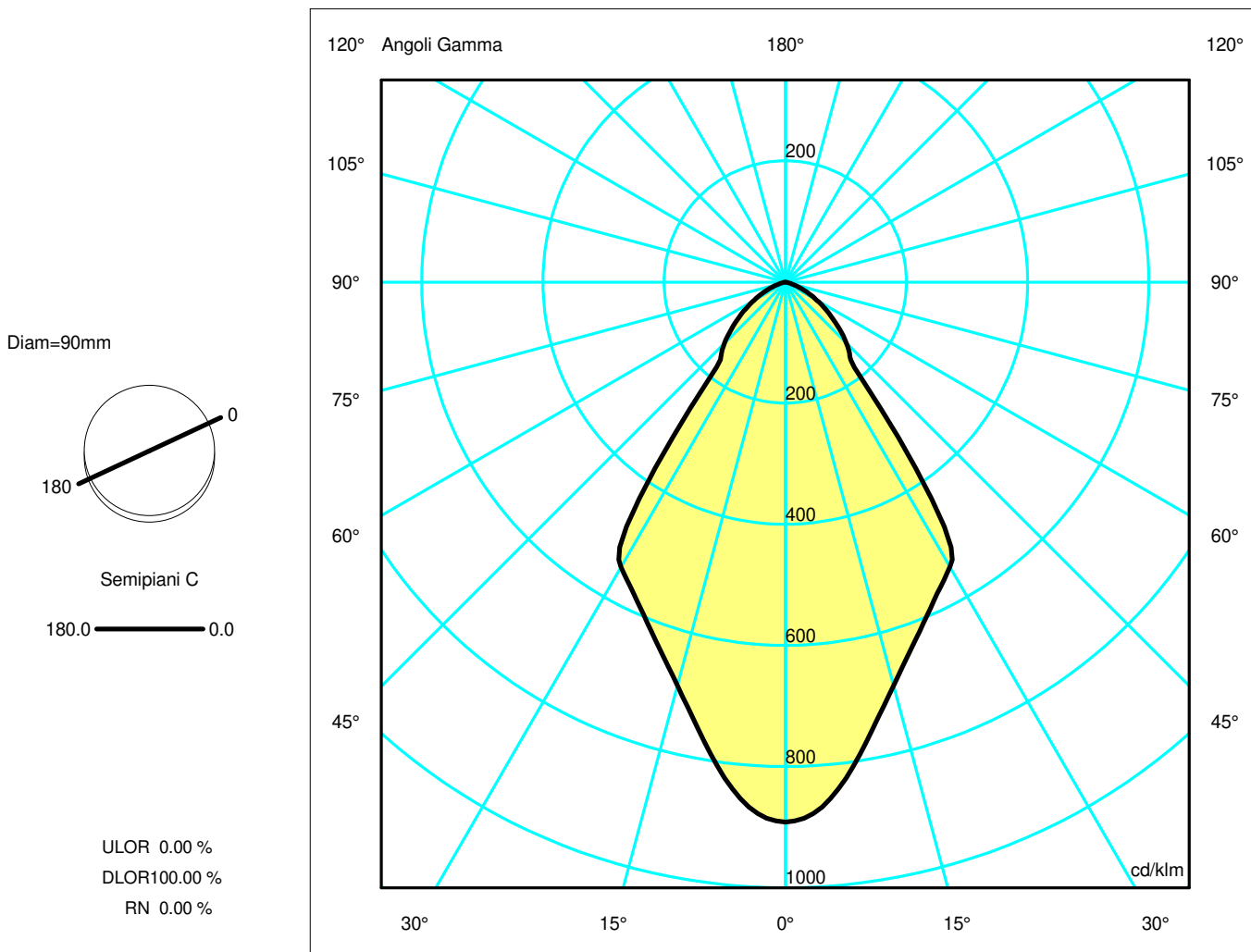
Luminaire

Code BM22804
Name HOY SPOT BIN 3000K XF ND NRO OTK

Measurem.

Code FTS2000691
Name HOY SPOT BIN 3000K XF ND NRO OTK

| | | | | | | | |
|--|---|---|---------------|----------|---|------------|-----------------|
| Luminaire Flux | 1922.90 lm | Luminaire Power | 22.00 W | Efficacy | 87.40 lm/W | Efficiency | 100.00% |
| Lamps Flux | 1922.90 lm | Maximum value | 891.23 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire Round Luminous Area | Diam. 90 mm Diam. 69 mm | Height | 188 mm | Height | 0 mm | | |
| Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90° | 0.003739 m2 0.000000 m2 0.000000 m2 | Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76° | | | 0.000000 m2 0.000000 m2 0.000905 m2 | | |
| Coordinate system | CG | Symmetry Type | | | Rotosymmetrical | | |
| Date | 14-11-2019 | Maximum Gamma Angle | | | 180 | | |
| Measurement Distance | 0.00 | Measurement Flux | | | 1922.90 lm | | |
| LED Flux=2427.9lm LED Power=19W Eff=79% EfcLed=128lm/W EfcLum=87lm/W CCT=3000K Ra=90 SDCM=2 L70(6K)=50000h | | | | | | | |
| C.I.E. | 79 95 100 100 100 | D DIN 5040 | | | A60 | | |
| F UTE | 1.00 B | B NBN | | | BZ 1 | | |



Luminaire

Code BM22804
Name HOY SPOT BIN 3000K XF ND NRO OTK

Measurement

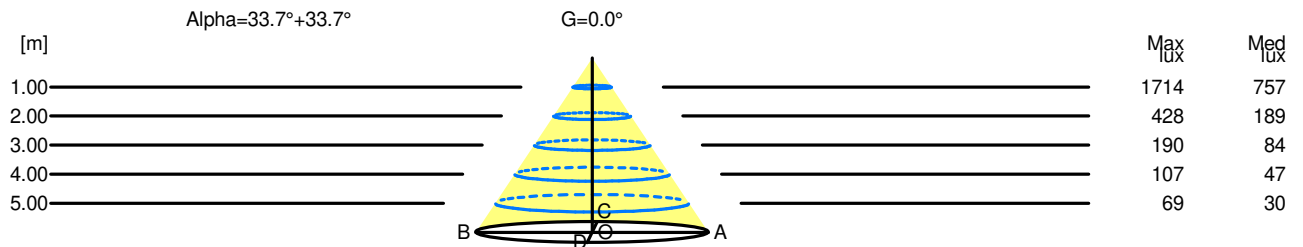
Code FTS2000691
Name HOY SPOT BIN 3000K XF ND NRO OTK

| | | | | | | | |
|--|-------------------|-----------------|---------------|-----------------------------|---------------|------------|-----------------|
| Luminaire Flux | 1922.90 lm | Luminaire Power | 22.00 W | Efficacy | 87.40 lm/W | Efficiency | 100.00% |
| Lamps Flux | 1922.90 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 | 180 | | Rotosymmetrical |
| Date | 14-11-2019 | | | Maximum Gamma Angle | 180 | | |
| Measurement Distance | 0.00 | | | Measurement Flux | 1922.90 lm | | |
| LED Flux=2427.9lm LED Power=19W Eff=79% EfcLed=128lm/W EfcLum=87lm/W CCT=3000K Ra=90 SDCM=2 L70(6K)=50000h | | | | | | | |
| 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 | 1713.75 | 1645.56 | 1326.02 | 1115.54 | 720.50 | 273.37 | 162.01 | 74.56 | 17.14 | 0.77 |
| OB | 1713.75 | 1645.56 | 1326.02 | 1115.54 | 720.50 | 273.37 | 162.01 | 74.56 | 17.14 | 0.77 |
| OC | 1713.75 | 1645.56 | 1326.02 | 1115.54 | 720.50 | 273.37 | 162.01 | 74.56 | 17.14 | 0.77 |
| OD | 1713.75 | 1645.56 | 1326.02 | 1115.54 | 720.50 | 273.37 | 162.01 | 74.56 | 17.14 | 0.77 |



| H[m] | D[m] | Max lux | Med lux | Alpha=33.7°+33.7° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.33 | 1714 | 757 | | |
| 2.00 | 2.67 | 428 | 189 | | |
| 3.00 | 4.00 | 190 | 84 | | |
| 4.00 | 5.34 | 107 | 47 | | |
| 5.00 | 6.67 | 69 | 30 | | |