

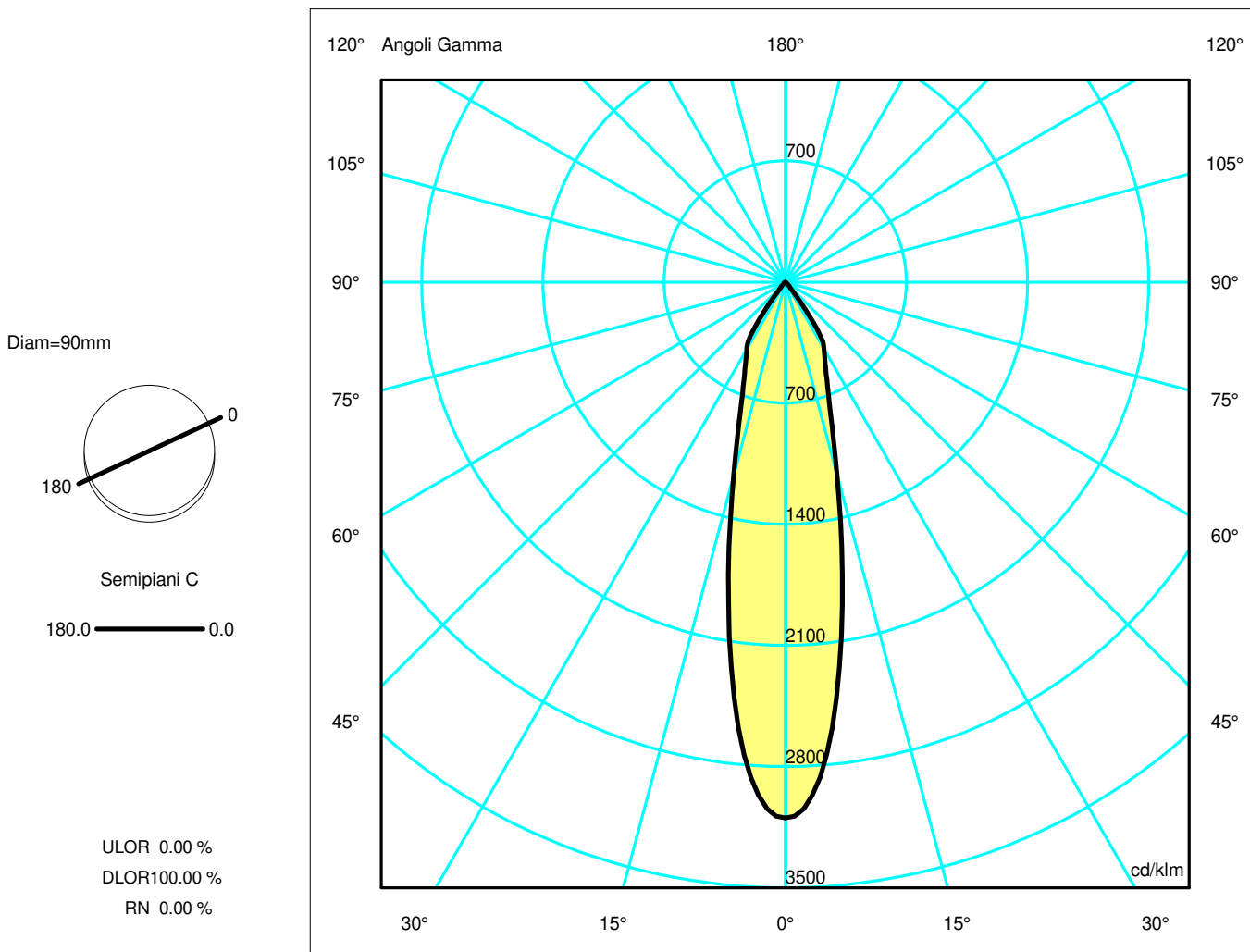
**Luminaire**

Code BM00404  
Name HOY SPOT SEMINC ORIENT 3000K FL NRO

**Measurem.**

Code FTS2000247  
Name HOY SPOT SEMINC ORIENT 3000K FL NRO

|   |   |   |   |          |               |            |                 |
|---|---|---|---|----------|---------------|------------|-----------------|
| Luminaire Flux  | 1895.91 lm                                | Luminaire Power   | 19.00 W                                   | Efficacy | 99.78 lm/W    | Efficiency | 100.00%         |
| Lamps Flux  | 1895.91 lm                                | Maximum value   | 3096.14 cd/klm                            | Position | C=0.00 G=0.00 | CG         | Rotosymmetrical |
| Round Luminaire<br>Round Luminous Area  | Diam. 90 mm<br>Diam. 69 mm                | Height  | 188 mm                                    | Height   | 0 mm          |            |                 |
| Horizontal Luminous Area<br>Emitting area on Plane 0°<br>Emitting area on Plane 90°                         | 0.003739 m2<br>0.000000 m2<br>0.000000 m2 | Emitting area on Plane 180°<br>Emitting area on Plane 270°<br>Glare area at 76° | 0.000000 m2<br>0.000000 m2<br>0.000905 m2 |          |               |            |                 |
| Coordinate system   | CG  | Symmetry Type   | Rotosymmetrical                           |          |               |            |                 |
| Date  | 22-11-2019                                | Maximum Gamma Angle   | 180                                       |          |               |            |                 |
| Measurement Distance  | 0.00                                      | Measurement Flux  | 1895.91 lm                                |          |               |            |                 |
| LED Flux=2427.9lm LED Power=19W Eff=78% EfcLed=128lm/W EfcLum=100lm/W CCT=3000K Ra=90 SDCM=2 L70(6K)=50000h |   |   |   |          |               |            |                 |
| C.I.E.  | 98 100 100 100 100                        | D DIN 5040  | A60                                       |          |               |            |                 |
| F UTE   | --  | B NBN   | BZ 1                                      |          |               |            |                 |



## Luminaire

Code BM00404  
Name HOY SPOT SEMINC ORIENT 3000K FL NRO

## Measur.

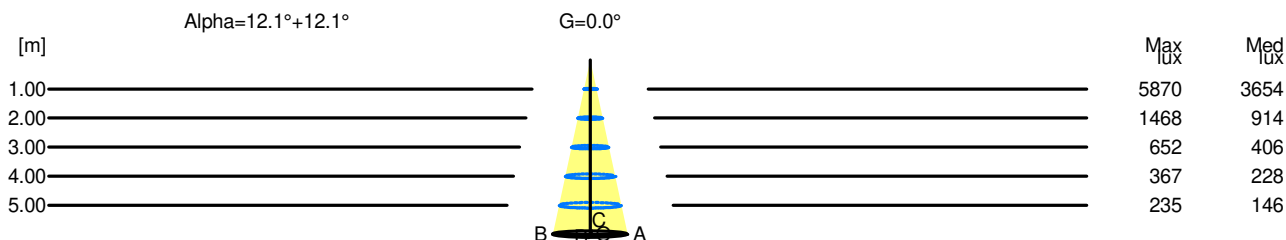
Code FTS2000247  
Name HOY SPOT SEMINC ORIENT 3000K FL NRO

|   |            |   |                |   |                     |   |                 |
|---|------------|---|----------------|---|---------------------|---|-----------------|
| Luminaire Flux  | 1895.91 lm | Luminaire Power                           | 19.00 W        | Efficacy  | 99.78 lm/W          | Efficiency                                | 100.00%         |
| Lamps Flux  | 1895.91 lm | Maximum value                             | 3096.14 cd/klm | Position  | C=0.00 G=0.00       | CG  | Rotosymmetrical |
| Round Luminaire<br>Round Luminous Area  |            | Diam.<br>Diam.                            | 90 mm<br>69 mm | Height<br>Height  | 188 mm<br>0 mm      |   |                 |
| Horizontal Luminous Area<br>Emitting area on Plane 0°<br>Emitting area on Plane 90°                         |            | 0.003739 m2<br>0.000000 m2<br>0.000000 m2 |                | Emitting area on Plane 180°<br>Emitting area on Plane 270°<br>Glare area at 76° |                     | 0.000000 m2<br>0.000000 m2<br>0.000905 m2 |                 |
| Coordinate system<br>Date<br>Measurement Distance   |            | CG<br>22-11-2019<br>0.00                  |                | Symmetry Type<br>Maximum Gamma Angle<br>Measurement Flux                        |                     | Rotosymmetrical<br>180<br>1895.91 lm      |                 |
| LED Flux=2427.9lm LED Power=19W Eff=78% EfcLed=128lm/W EfcLum=100lm/W CCT=3000K Ra=90 SDCM=2 L70(6K)=50000h |            |   |                |   |                     |   |                 |
| C.I.E.<br>F UTE   | 98<br>--   | 100<br>--                                 | 100<br>--      | 100<br>--   | D DIN 5040<br>B NBN | A60<br>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   | 0.21 | 0.43 | 0.64 | 0.86 | 1.07 | OC   | 0.21 | 0.43 | 0.64 | 0.86 | 1.07 |
| OB   | 0.21 | 0.43 | 0.64 | 0.86 | 1.07 | OD   | 0.21 | 0.43 | 0.64 | 0.86 | 1.07 |

|    | Luminous Intensities [ cd/klm] |         |         |         |        |       |       |      |      |      |
|----|--------------------------------|---------|---------|---------|--------|-------|-------|------|------|------|
|    | 0                              | 5       | 15      | 25      | 35     | 45    | 55    | 65   | 75   | 85   |
| OA | 5870.01                        | 5193.88 | 2188.50 | 1044.88 | 501.84 | 45.30 | 10.80 | 5.27 | 1.54 | 0.43 |
| OB | 5870.01                        | 5193.88 | 2188.50 | 1044.88 | 501.84 | 45.30 | 10.80 | 5.27 | 1.54 | 0.43 |
| OC | 5870.01                        | 5193.88 | 2188.50 | 1044.88 | 501.84 | 45.30 | 10.80 | 5.27 | 1.54 | 0.43 |
| OD | 5870.01                        | 5193.88 | 2188.50 | 1044.88 | 501.84 | 45.30 | 10.80 | 5.27 | 1.54 | 0.43 |



| H[m] | D[m] | Max lux | Med lux | Alpha=12.1°+12.1° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.43 | 5870    | 3654    |                   |       |
| 2.00 | 0.86 | 1468    | 914     |                   |       |
| 3.00 | 1.29 | 652     | 406     |                   |       |
| 4.00 | 1.72 | 367     | 228     |                   |       |
| 5.00 | 2.15 | 235     | 146     |                   |       |