

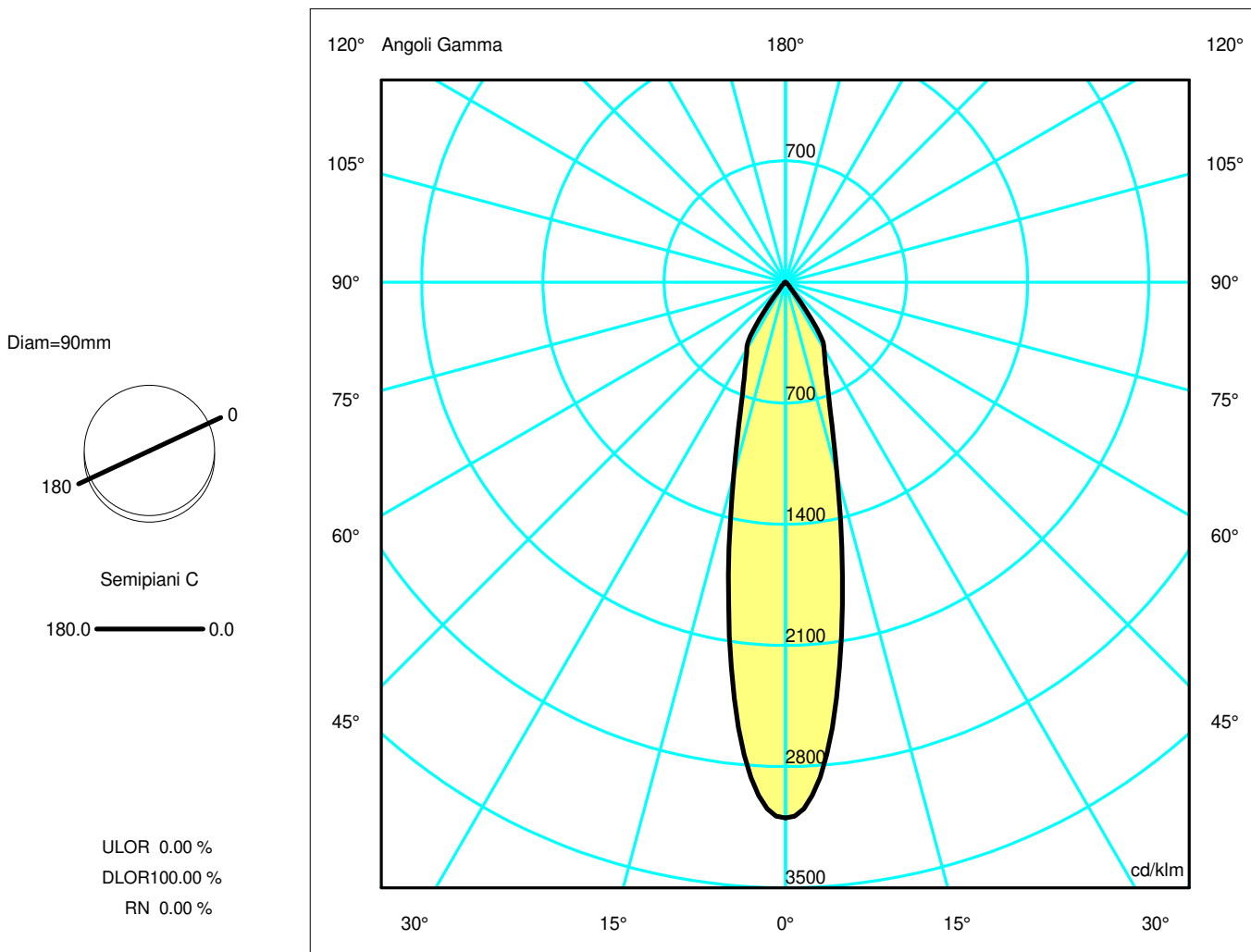
## Luminaire

Code BM10704  
Name HOY SPOT PLAF ORIENT 3000K FL ND NRO

## Measurem.

Code FTS2000282  
Name HOY SPOT PLAF ORIENT 3000K FL ND NRO

|  |   |   |                |          |   |            |                 |
|--|---|---|----------------|----------|---|------------|-----------------|
| Luminaire Flux   | 1895.91 lm                                | Luminaire Power   | 22.00 W        | Efficacy | 86.18 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=86lm/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 BM10704  
Name HOY SPOT PLAF ORIENT 3000K FL ND NRO

## Measur.

Code FTS2000282  
Name HOY SPOT PLAF ORIENT 3000K FL ND NRO

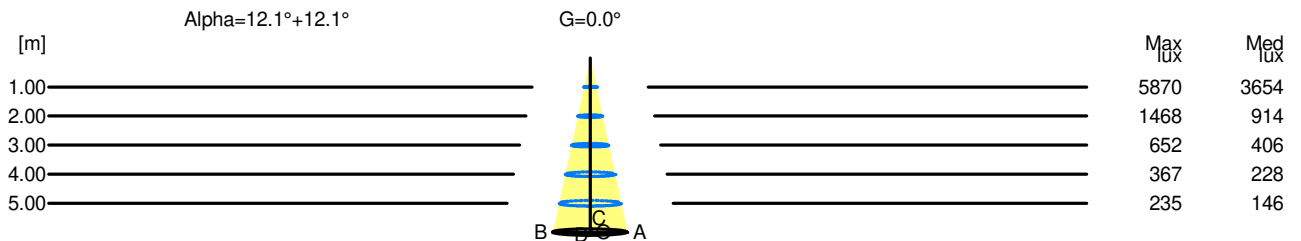
|  |            |                 |                |                             |               |                 |                 |
|--|------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux   | 1895.91 lm | Luminaire Power | 22.00 W        | Efficacy                    | 86.18 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  |            | 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   |            | 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=86lm/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            |

### 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     |                   |       |