

## Luminaire

Code BM23104  
Name HOY SPOT BIN 3000K XF DALI NRO OTK

## Measurem.

Code FTS2000273-B  
Name HOY SPOT BIN 3000K XF DALI NRO OTK

|   |                   |                 |               |                             |               |                 |                 |
|---|-------------------|-----------------|---------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux  | 1784 lm           | Luminaire Power | 22.0 W        | Efficacy                    | 81.091 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=81lm/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          |                 |                 |

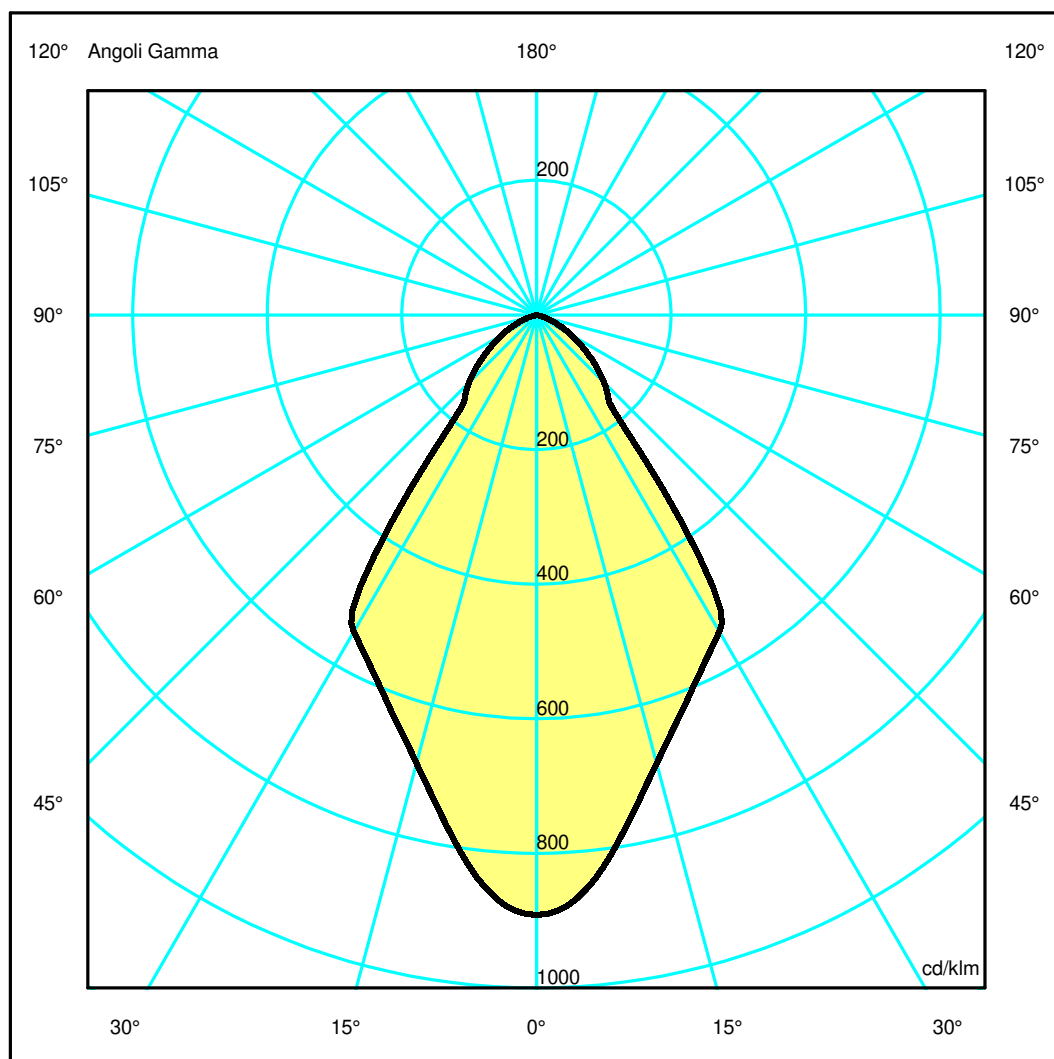
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



## Luminaire

Code BM23104  
Name HOY SPOT BIN 3000K XF DALI NRO OTK

## Measurem.

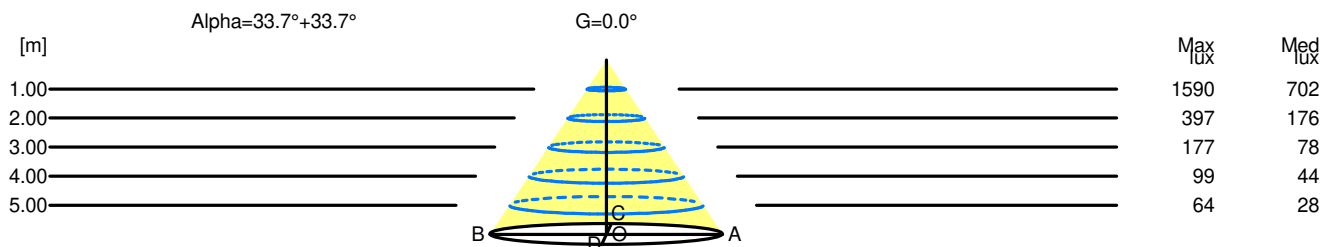
Code FTS2000273-B  
Name HOY SPOT BIN 3000K XF DALI NRO OTK

|   |                   |                 |               |                             |               |                 |                 |
|---|-------------------|-----------------|---------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux  | 1784 lm           | Luminaire Power | 22.0 W        | Efficacy                    | 81.091 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=81lm/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      |                   |       |