

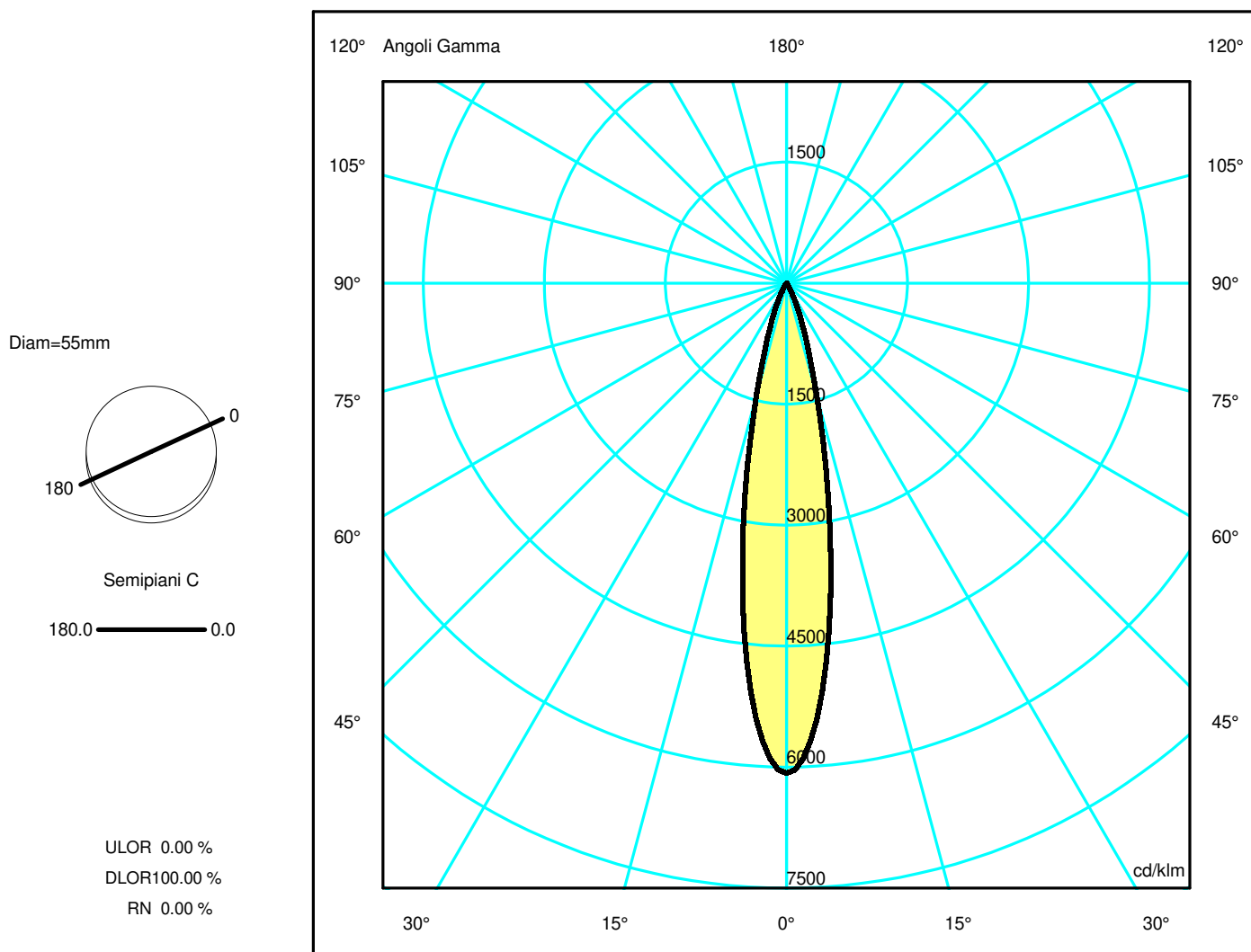
## Luminaire

Code CA01104+AP90400  
 Name GOPLE 60 SPOT TRK16 48V FL 3000K NRO + VECTOR 40 - ANTI-DUZZLE LOUVRE

## Measurement

Code FTS2200091  
 Name GOPLE 60 SPOT TRK16 48V FL 3000K NRO + VECTOR 40 - ANTI-DUZZLE LOUVRE

|  |        |                         |                |                             |               |                         |                 |
|--|--------|-------------------------|----------------|-----------------------------|---------------|-------------------------|-----------------|
| Luminaire Flux   | 308 lm | Luminaire Power         | 9.0 W          | Efficacy                    | 34.189 lm/W   | Efficiency              | 100.00%         |
| Source Flux  | 308 lm | Maximum value           | 6075.95 cd/klm | Position                    | C=0.00 G=0.00 | CG                      | Rotosymmetrical |
| Round Luminaire  |        | Diam.                   | 55 mm          | Height                      | 110 mm        |                         |                 |
| Round Luminous Area  |        | Diam.                   | 35 mm          | Height                      | 0 mm          |                         |                 |
| Horizontal Luminous Area   |        | 0.000962 m <sup>2</sup> |                | Emitting area on Plane 180° |               | 0.000000 m <sup>2</sup> |                 |
| Emitting area on Plane 0°  |        | 0.000000 m <sup>2</sup> |                | Emitting area on Plane 270° |               | 0.000000 m <sup>2</sup> |                 |
| Emitting area on Plane 90°   |        | 0.000000 m <sup>2</sup> |                | Glare area at 76°           |               | 0.000233 m <sup>2</sup> |                 |
| Coordinate system  |        | CG                      |                | Symmetry Type               |               | Rotosymmetrical         |                 |
| Date   |        | 07-03-2022              |                | Maximum Gamma Angle         |               | 180                     |                 |
| Measurement Distance   |        | 0.00                    |                | Measurement Flux            |               | 308 lm                  |                 |
| LED Flux=867lm LED Power=7.9W Eff=35% EfcLed=110lm/W EfcLum=34lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=50000h |        |                         |                |                             |               |                         |                 |
| C.I.E.   | 99     | 100                     | 100            | 100                         | D DIN 5040    | A60                     |                 |
| F UTE  | --     |                         |                |                             | B NBN         | BZ 1                    |                 |



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## Measurerm.

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 Name GOPLE 60 SPOT TRK16 48V FL 3000K NRO + VECTOR 40 - ANTI-DUZZLE LOUVRE

|                            |        |                 |                |                             |               |                 |                 |
|----------------------------|--------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux             | 308 lm | Luminaire Power | 9.0 W          | Efficacy                    | 34.189 lm/W   | Efficiency      | 100.00%         |
| Source Flux                | 308 lm | Maximum value   | 6075.95 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire            |        | Diam.           | 55 mm          | Height                      | 110 mm        |                 |                 |
| Round Luminous Area        |        | Diam.           | 35 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area   |        | 0.000962 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°           |               | 0.000233 m2     |                 |
| Coordinate system          |        | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                       |        | 07-03-2022      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance       |        | 0.00            |                | Measurement Flux            |               | 308 lm          |                 |

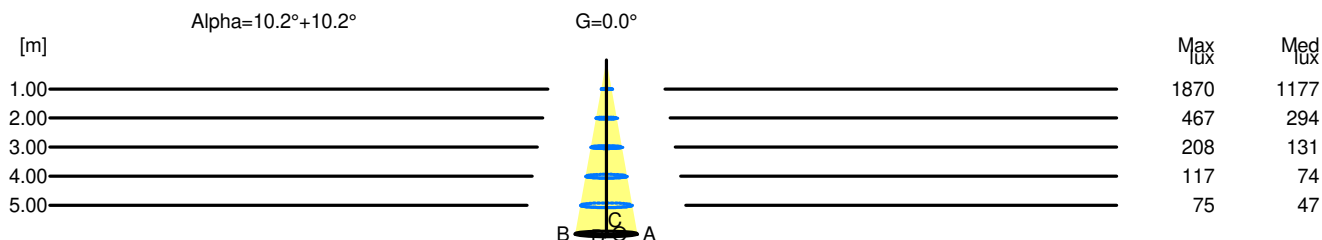
LED Flux=867lm LED Power=7.9W Eff=35% EfcLed=110lm/W EfcLum=34lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=50000h

|        |    |     |     |     |     |            |      |
|--------|----|-----|-----|-----|-----|------------|------|
| C.I.E. | 99 | 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   | 0.18 | 0.36 | 0.54 | 0.72 | 0.90 | OC   | 0.18 | 0.36 | 0.54 | 0.72 | 0.90 |
| OB   | 0.18 | 0.36 | 0.54 | 0.72 | 0.90 | OD   | 0.18 | 0.36 | 0.54 | 0.72 | 0.90 |

|    | Luminous Intensities [ cd/klm ] |         |        |       |       |      |      |      |      |      |
|----|---------------------------------|---------|--------|-------|-------|------|------|------|------|------|
|    | 0                               | 5       | 15     | 25    | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 1869.57                         | 1565.03 | 444.17 | 83.75 | 10.67 | 2.50 | 0.70 | 0.27 | 0.22 | 0.18 |
| OB | 1869.57                         | 1565.03 | 444.17 | 83.75 | 10.67 | 2.50 | 0.70 | 0.27 | 0.22 | 0.18 |
| OC | 1869.57                         | 1565.03 | 444.17 | 83.75 | 10.67 | 2.50 | 0.70 | 0.27 | 0.22 | 0.18 |
| OD | 1869.57                         | 1565.03 | 444.17 | 83.75 | 10.67 | 2.50 | 0.70 | 0.27 | 0.22 | 0.18 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.2°+10.2° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.36 | 1870    | 1177    |                   |       |
| 2.00 | 0.72 | 467     | 294     |                   |       |
| 3.00 | 1.08 | 208     | 131     |                   |       |
| 4.00 | 1.43 | 117     | 74      |                   |       |
| 5.00 | 1.79 | 75      | 47      |                   |       |