

## Luminaire

Code CA21001+AP90300  
 Name GOPLE 60 S / TRK16 48V 3000K SP BCO + VECTOR 40 - SOFT FILTER

## Measurement

Code FTS2200086  
 Name GOPLE 60 S / TRK16 48V 3000K SP BCO + VECTOR 40 - SOFT FILTER

|   |        |                 |                |                             |               |                 |                 |
|---|--------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux  | 446 lm | Luminaire Power | 9.0 W          | Efficacy                    | 49.506 lm/W   | Efficiency      | 100.00%         |
| Source Flux   | 446 lm | Maximum value   | 5632.00 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            |               | 446 lm          |                 |
| LED Flux=688lm LED Power=8.4W Eff=65% EfcLed=82lm/W EfcLum=50lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |        |                 |                |                             |               |                 |                 |
| C.I.E.  | 98     | 100             | 100            | 100                         | D DIN 5040    | A60             |                 |
| F UTE   | --     |                 |                |                             | B NBN         | BZ 1            |                 |

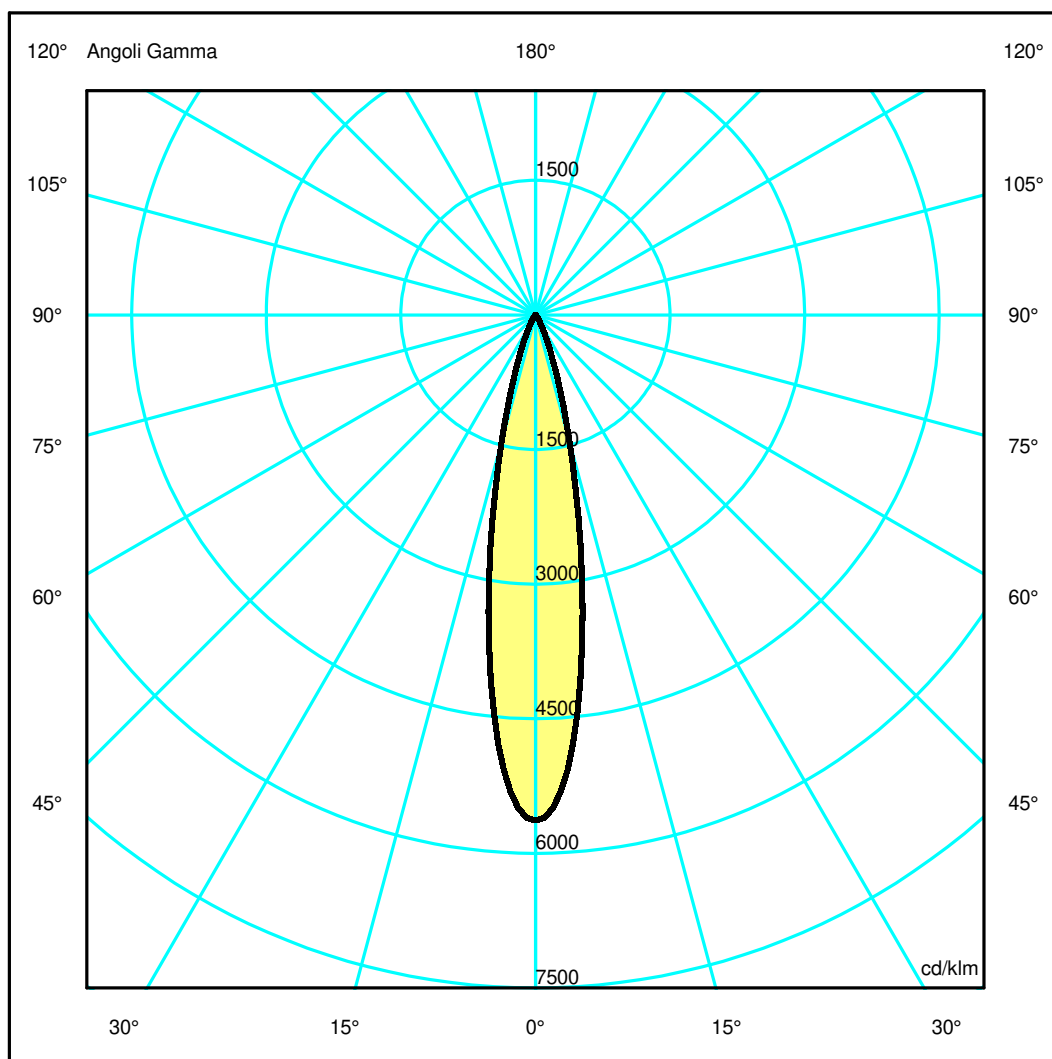
Diam=55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
 DLOR 100.00 %  
 RN 0.00 %



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## Measurem.

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|                            |        |                         |                |                             |               |                         |                 |
|----------------------------|--------|-------------------------|----------------|-----------------------------|---------------|-------------------------|-----------------|
| Luminaire Flux             | 446 lm | Luminaire Power         | 9.0 W          | Efficacy                    | 49.506 lm/W   | Efficiency              | 100.00%         |
| Source Flux                | 446 lm | Maximum value           | 5632.00 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            |               | 446 lm                  |                 |

LED Flux=688lm LED Power=8.4W Eff=65% EfcLed=82lm/W EfcLum=50lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

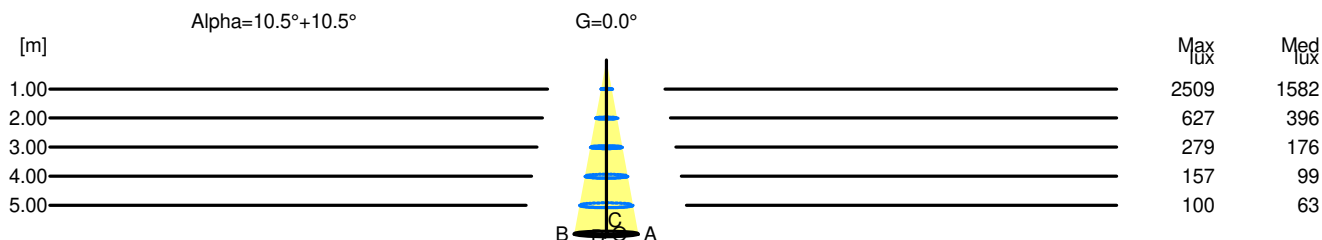
|        |    |     |     |     |     |            |      |
|--------|----|-----|-----|-----|-----|------------|------|
| C.I.E. | 98 | 100 | 100 | 100 | 100 | D DIN 5040 | A60  |
| F UTE  | -- |     |     |     |     | B NBN      | BZ 1 |

### 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   | 0.18 | 0.37 | 0.55 | 0.74 | 0.92 | OC   | 0.18 | 0.37 | 0.55 | 0.74 | 0.92 |
| OB   | 0.18 | 0.37 | 0.55 | 0.74 | 0.92 | OD   | 0.18 | 0.37 | 0.55 | 0.74 | 0.92 |

### Luminous Intensities [ cd/klm]

|    | 0       | 5       | 15     | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
|----|---------|---------|--------|--------|-------|------|------|------|------|------|
| OA | 2509.34 | 2136.52 | 650.44 | 117.78 | 24.21 | 6.49 | 2.31 | 1.26 | 0.62 | 0.24 |
| OB | 2509.34 | 2136.52 | 650.44 | 117.78 | 24.21 | 6.49 | 2.31 | 1.26 | 0.62 | 0.24 |
| OC | 2509.34 | 2136.52 | 650.44 | 117.78 | 24.21 | 6.49 | 2.31 | 1.26 | 0.62 | 0.24 |
| OD | 2509.34 | 2136.52 | 650.44 | 117.78 | 24.21 | 6.49 | 2.31 | 1.26 | 0.62 | 0.24 |



| H[m] | D[m] | Max lux | Med lux | Alpha=10.5°+10.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.37 | 2509    | 1582    |                   |       |
| 2.00 | 0.74 | 627     | 396     |                   |       |
| 3.00 | 1.11 | 279     | 176     |                   |       |
| 4.00 | 1.48 | 157     | 99      |                   |       |
| 5.00 | 1.85 | 100     | 63      |                   |       |