

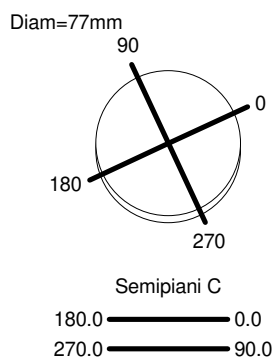
## Luminaire

Code CA11104+AP91200  
Name GOPLE 80 SPOT TRK16 48V FL 3000K NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

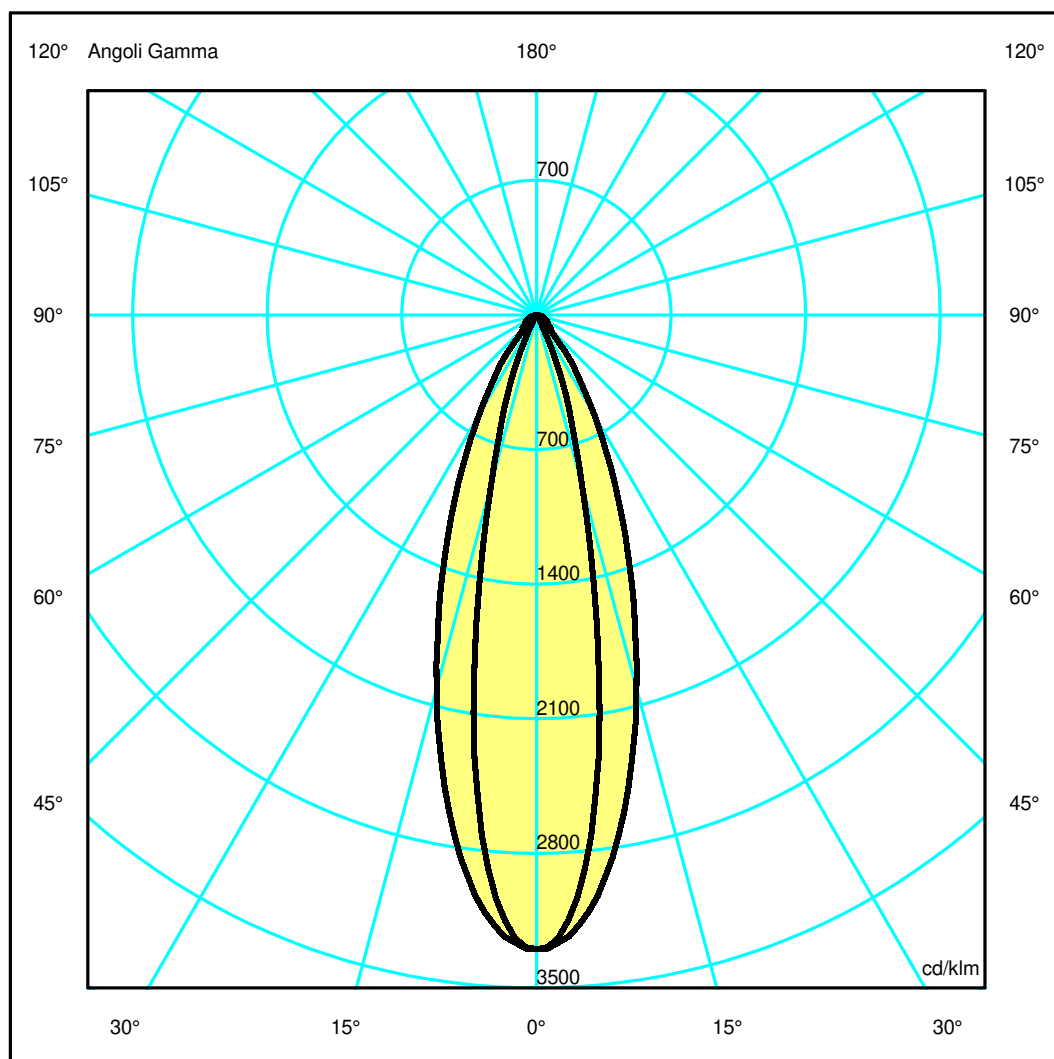
## Measurem.

Code FTS2200056-A  
Name GOPLE 80 SPOT TRK16 48V FL 3000K NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

|  |                  |                 |                |                             |               |                    |                    |
|--|------------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux   | 1298 lm          | Luminaire Power | 19.0 W         | Efficacy                    | 68.316 lm/W   | Efficiency         | 100.00%            |
| Source Flux  | 1298 lm          | Maximum value   | 3297.87 cd/klm | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical |
| Round Luminaire  |                  | Diam.           | 77 mm          | Height                      | 150 mm        |                    |                    |
| Round Luminous Area  |                  | Diam.           | 48 mm          | Height                      | 0 mm          |                    |                    |
| Horizontal Luminous Area   |                  | 0.001810 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°           |               | 0.000438 m2        |                    |
| Coordinate system  |                  | CG              |                | Symmetry Type               |               | Double Symmetrical |                    |
| Date   |                  | 08-01-2025      |                | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance   |                  | 0.00            |                | Measurement Flux            |               | 1298 lm            |                    |
| LED Flux=2584lm LED Power=18W Eff=50% EfcLed=147lm/W EfcLum=68lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6k)=33000h |                  |                 |                |                             |               |                    |                    |
| C.I.E.   | 94 98 99 100 100 |                 |                | D DIN 5040                  | A60           |                    |                    |
| F UTE  | 1.00 A           |                 |                | B NBN                       | BZ 1          |                    |                    |



ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



## Luminaire

Code CA11104+AP91200

Name GOPLE 80 SPOT TRK16 48V FL 3000K NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

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Code FTS2200056-A

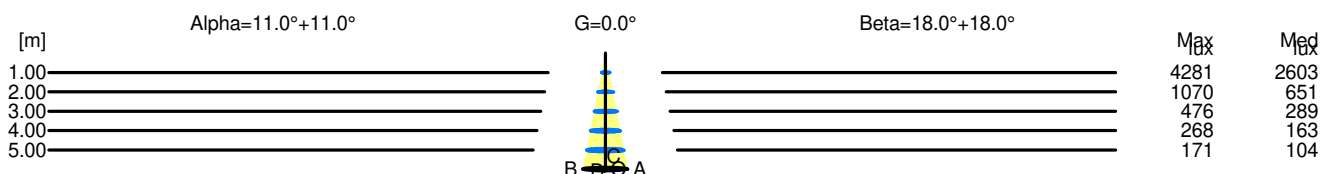
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| F UTE  | 1.00 A           |                 |                | B NBN                       | BZ 1          |                    |                    |

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   | 0.19 | 0.39 | 0.58 | 0.78 | 0.97 | OC   | 0.32 | 0.65 | 0.97 | 1.30 | 1.62 |
| OB   | 0.19 | 0.39 | 0.58 | 0.78 | 0.97 | OD   | 0.32 | 0.65 | 0.97 | 1.30 | 1.62 |

|    |                                |         |         |         |        |        |       |       |       |      |
|----|--------------------------------|---------|---------|---------|--------|--------|-------|-------|-------|------|
|    | Luminous Intensities [ cd/klm] |         |         |         |        |        |       |       |       |      |
|    | 0                              | 5       | 15      | 25      | 35     | 45     | 55    | 65    | 75    | 85   |
| OA | 4280.63                        | 3751.61 | 1187.96 | 189.52  | 32.57  | 14.19  | 8.81  | 6.20  | 4.61  | 1.34 |
| OB | 4280.63                        | 3751.61 | 1187.96 | 189.52  | 32.57  | 14.19  | 8.81  | 6.20  | 4.61  | 1.34 |
| OC | 4280.63                        | 4042.54 | 2603.81 | 1245.98 | 454.48 | 125.35 | 95.57 | 62.85 | 40.76 | 9.43 |
| OD | 4280.63                        | 4042.54 | 2603.81 | 1245.98 | 454.48 | 125.35 | 95.57 | 62.85 | 40.76 | 9.43 |



| H[m] | D[m] | Max lux | Med lux | Alpha=11.0°+11.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.39 | 4281    | 2603    |                   |       |
| 2.00 | 0.78 | 1070    | 651     |                   |       |
| 3.00 | 1.17 | 476     | 289     |                   |       |
| 4.00 | 1.56 | 268     | 163     |                   |       |
| 5.00 | 1.94 | 171     | 104     |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=18.0°+18.0° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.65 | 4281    | 2603    |                  |       |
| 2.00 | 1.30 | 1070    | 651     |                  |       |
| 3.00 | 1.95 | 476     | 289     |                  |       |
| 4.00 | 2.60 | 268     | 163     |                  |       |
| 5.00 | 3.25 | 171     | 104     |                  |       |