

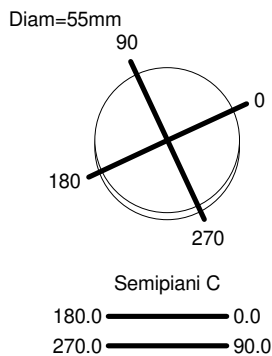
Luminaire

Code CA20004+AP90200
 Name GOPLE 60 S / TRK16 48V 2700K SP NRO + VECTOR 40 - LENS FOR ELLIPTICAL EMISSION

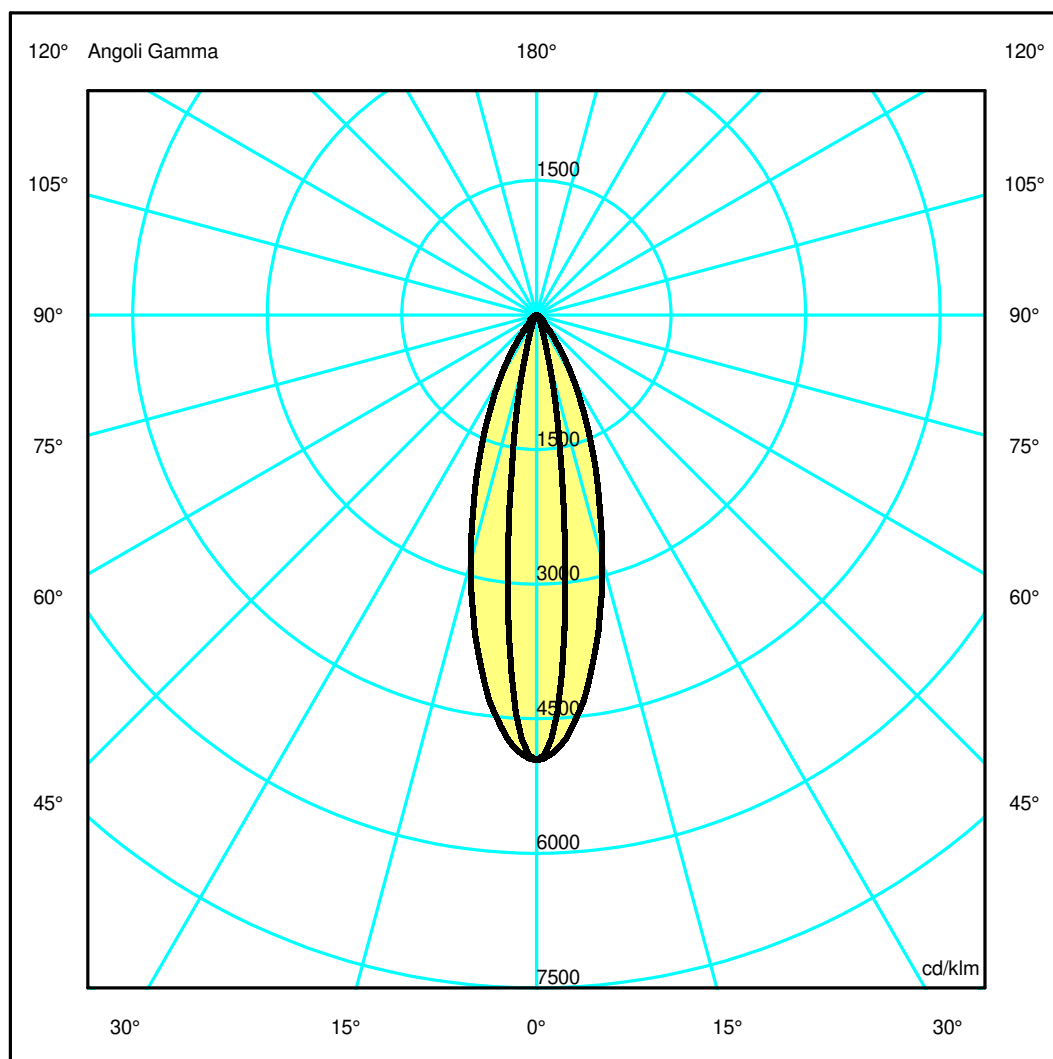
Measurement

Code FTS2200076
 Name GOPLE 60 S / TRK16 48V 2700K SP NRO + VECTOR 40 - LENS FOR ELLIPTICAL EMISSION

| | | | | | | | |
|---|-------------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux | 370 lm | Luminaire Power | 9.0 W | Efficacy | 41.158 lm/W | Efficiency | 100.00% |
| Source Flux | 370 lm | Maximum value | 4963.04 cd/klm | Position | C=0.00 G=0.00 | CG | Double Symmetrical |
| 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 | | Double Symmetrical | |
| Date | | 07-03-2022 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 370 lm | |
| LED Flux=688lm LED Power=8.4W Eff=54% EfcLed=82lm/W EfcLum=41lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=50000h | | | | | | | |
| C.I.E. | 96 99 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 A | | | B NBN | BZ 1 | | |



ULOR 0.00 %
 DLOR100.00 %
 RN 0.00 %



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| Round Luminous Area | | Diam. | 35 mm | Height | 0 mm | | |
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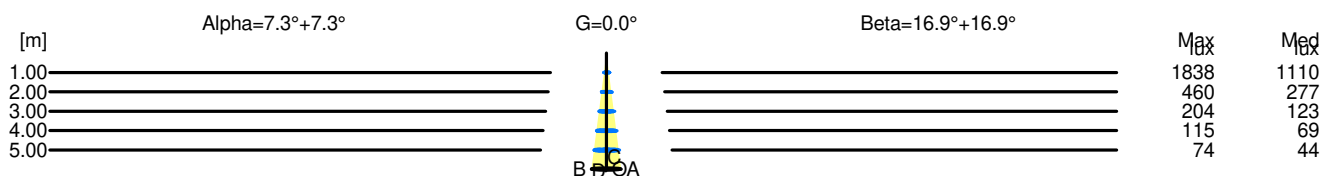
LED Flux=688lm LED Power=8.4W Eff=54% EfcLed=82lm/W EfcLum=41lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

| | | | |
|--------|-------------------|------------|------|
| C.I.E. | 96 99 100 100 100 | D DIN 5040 | A60 |
| 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 | 0.13 | 0.26 | 0.38 | 0.51 | 0.64 | OC | 0.30 | 0.61 | 0.91 | 1.22 | 1.52 |
| OB | 0.13 | 0.26 | 0.38 | 0.51 | 0.64 | OD | 0.30 | 0.61 | 0.91 | 1.22 | 1.52 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|---------|---------|--------|--------|-------|-------|-------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 1838.41 | 1314.67 | 200.28 | 40.72 | 11.83 | 3.62 | 1.54 | 0.96 | 0.61 | 0.28 |
| OB | 1838.41 | 1314.67 | 200.28 | 40.72 | 11.83 | 3.62 | 1.54 | 0.96 | 0.61 | 0.28 |
| OC | 1838.41 | 1703.16 | 1046.06 | 485.79 | 161.36 | 38.38 | 23.88 | 12.67 | 2.32 | 0.25 |
| OD | 1838.41 | 1703.16 | 1046.06 | 485.79 | 161.36 | 38.38 | 23.88 | 12.67 | 2.32 | 0.25 |



| H[m] | D[m] | Max lux | Med lux | Alpha=7.3°+7.3° | G=0.0 |
|------|------|---------|---------|-----------------|-------|
| 1.00 | 0.26 | 1838 | 1110 | | |
| 2.00 | 0.51 | 460 | 277 | | |
| 3.00 | 0.77 | 204 | 123 | | |
| 4.00 | 1.02 | 115 | 69 | | |
| 5.00 | 1.28 | 74 | 44 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=16.9°+16.9° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.61 | 1838 | 1110 | | |
| 2.00 | 1.22 | 460 | 277 | | |
| 3.00 | 1.83 | 204 | 123 | | |
| 4.00 | 2.43 | 115 | 69 | | |
| 5.00 | 3.04 | 74 | 44 | | |