

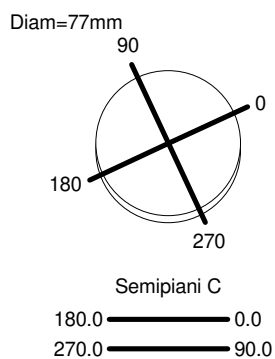
Luminaire

Code CA31201+AP91200
Name GOPLE 80 S / TRK16 48V 3000K WF BCO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

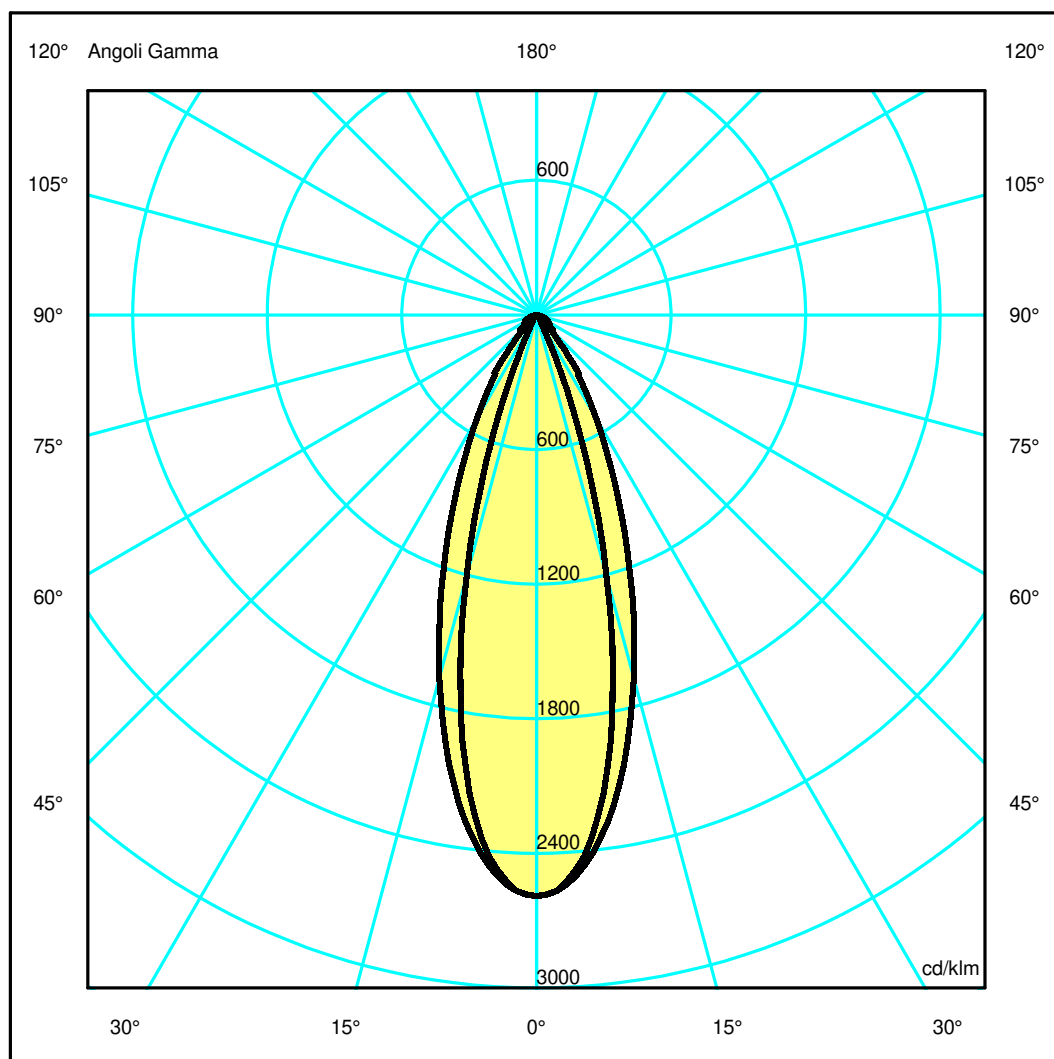
Measurem.

Code FTS2200060-A
Name GOPLE 80 S / TRK16 48V 3000K WF BCO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

| | | | | | | | |
|--|------------------|-----------------|----------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux | 1385 lm | Luminaire Power | 19.0 W | Efficacy | 72.895 lm/W | Efficiency | 100.00% |
| Source Flux | 1385 lm | Maximum value | 2589.45 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 | | 1385 lm | |
| LED Flux=2584lm LED Power=18W Eff=54% EfcLed=147lm/W EfcLum=73lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6k)=33000h | | | | | | | |
| C.I.E. | 93 98 99 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 A | | | B NBN | BZ 1 | | |



ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Measurem.

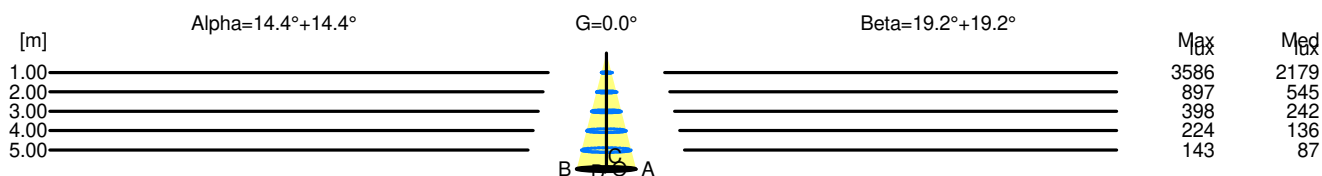
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Name GOPLE 80 S / TRK16 48V 3000K WF BCO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

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| Coordinate system | | CG | | Symmetry Type | | Double Symmetrical | |
| Date | | 08-01-2025 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1385 lm | |
| LED Flux=2584lm LED Power=18W Eff=54% EfcLed=147lm/W EfcLum=73lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6k)=33000h | | | | | | | |
| C.I.E. | 93 98 99 100 100 | | | 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 | 0.26 | 0.51 | 0.77 | 1.03 | 1.28 | OC | 0.35 | 0.70 | 1.04 | 1.39 | 1.74 |
| OB | 0.26 | 0.51 | 0.77 | 1.03 | 1.28 | OD | 0.35 | 0.70 | 1.04 | 1.39 | 1.74 |

| | | | | | | | | | | |
|----|--------------------------------|---------|---------|---------|--------|--------|-------|-------|-------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 3586.38 | 3357.48 | 1665.92 | 204.18 | 39.25 | 20.46 | 11.31 | 7.25 | 4.78 | 1.31 |
| OB | 3586.38 | 3357.48 | 1665.92 | 204.18 | 39.25 | 20.46 | 11.31 | 7.25 | 4.78 | 1.31 |
| OC | 3586.38 | 3410.66 | 2321.51 | 1146.43 | 442.04 | 126.89 | 97.72 | 64.50 | 39.32 | 8.23 |
| OD | 3586.38 | 3410.66 | 2321.51 | 1146.43 | 442.04 | 126.89 | 97.72 | 64.50 | 39.32 | 8.23 |



| H[m] | D[m] | Max lux | Med lux | Alpha=14.4°+14.4° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.51 | 3586 | 2179 | | |
| 2.00 | 1.03 | 897 | 545 | | |
| 3.00 | 1.54 | 398 | 242 | | |
| 4.00 | 2.05 | 224 | 136 | | |
| 5.00 | 2.57 | 143 | 87 | | |

| H[m] | D[m] | Max lux | Med lux | Beta=19.2°+19.2° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 0.70 | 3586 | 2179 | | |
| 2.00 | 1.39 | 897 | 545 | | |
| 3.00 | 2.09 | 398 | 242 | | |
| 4.00 | 2.78 | 224 | 136 | | |
| 5.00 | 3.48 | 143 | 87 | | |