

## Luminaire

Code CA31201  
Name GOPLE 80 S / TRK16 48V 3000K WF BCO

## Measurement

Code FTS2200061  
Name GOPLE 80 S / TRK16 48V 3000K WF BCO

|                            |         |                 |                |                             |               |                 |                 |
|----------------------------|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux             | 1854 lm | Luminaire Power | 23.0 W         | Efficacy                    | 80.623 lm/W   | Efficiency      | 100.00%         |
| Source Flux                | 1854 lm | Maximum value   | 3574.81 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire            |         | Diam.           | 77 mm          | Height                      | 150 mm        |                 |                 |
| Round Luminous Area        |         | Diam.           | 46 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area   |         |                 | 0.001662 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°           |               |                 | 0.000402 m2     |
| Coordinate system          |         | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date                       |         | 01-03-2022      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance       |         | 0.00            |                | Measurement Flux            |               | 1854 lm         |                 |

LED Flux=2435lm LED Power=22W Eff=76% EfcLed=113lm/W EfcLum=81lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

C.I.E. 99 100 100 100 100  
F UTE --

D DIN 5040  
B NBN

A60  
BZ 1

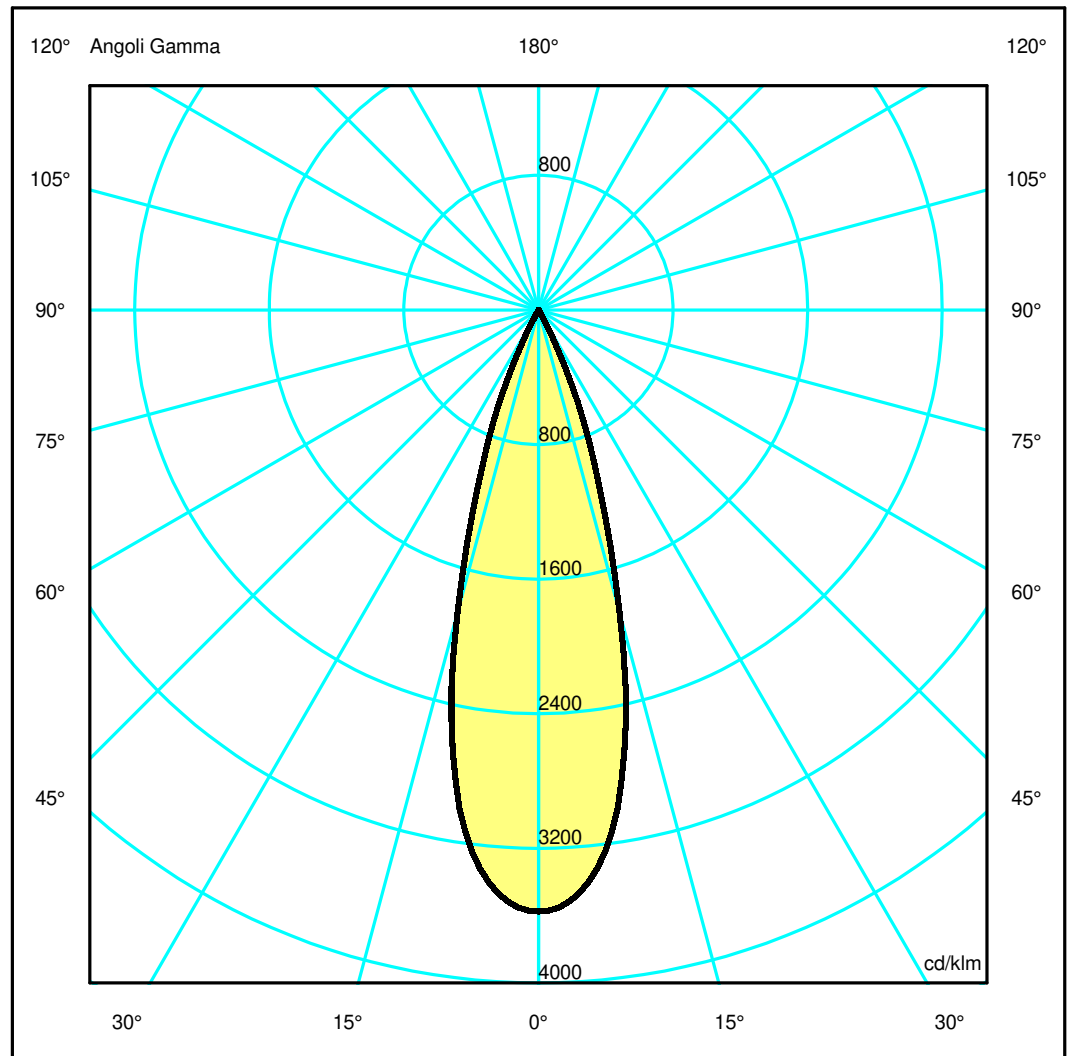
Diam=77mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measurerm.

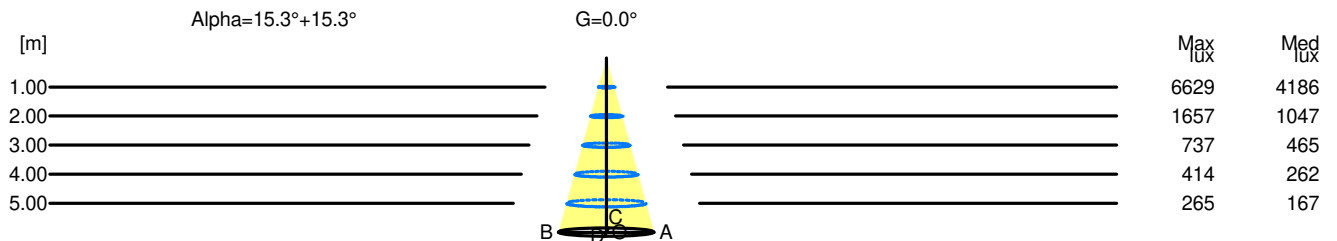
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|  |         |                 |                |                             |               |                 |                 |
|--|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
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| Measurement Distance   |         | 0.00            |                | Measurement Flux            |               | 1854 lm         |                 |
| LED Flux=2435lm LED Power=22W Eff=76% EfcLed=113lm/W EfcLum=81lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |         |                 |                |                             |               |                 |                 |
| C.I.E.   | 99      | 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   | 0.27 | 0.55 | 0.82 | 1.10 | 1.37 | OC   | 0.27 | 0.55 | 0.82 | 1.10 | 1.37 |
| OB   | 0.27 | 0.55 | 0.82 | 1.10 | 1.37 | OD   | 0.27 | 0.55 | 0.82 | 1.10 | 1.37 |

|    | Luminous Intensities [ cd/klm ] |         |         |        |       |      |      |      |      |      |
|----|---------------------------------|---------|---------|--------|-------|------|------|------|------|------|
|    | 0                               | 5       | 15      | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 6628.92                         | 6329.25 | 3447.25 | 665.28 | 17.97 | 6.34 | 3.48 | 2.49 | 1.51 | 0.56 |
| OB | 6628.92                         | 6329.25 | 3447.25 | 665.28 | 17.97 | 6.34 | 3.48 | 2.49 | 1.51 | 0.56 |
| OC | 6628.92                         | 6329.25 | 3447.25 | 665.28 | 17.97 | 6.34 | 3.48 | 2.49 | 1.51 | 0.56 |
| OD | 6628.92                         | 6329.25 | 3447.25 | 665.28 | 17.97 | 6.34 | 3.48 | 2.49 | 1.51 | 0.56 |



| H[m] | D[m] | Max lux | Med lux | Alpha=15.3°+15.3° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.55 | 6629    | 4186    |                   |       |
| 2.00 | 1.10 | 1657    | 1047    |                   |       |
| 3.00 | 1.65 | 737     | 465     |                   |       |
| 4.00 | 2.19 | 414     | 262     |                   |       |
| 5.00 | 2.74 | 265     | 167     |                   |       |