

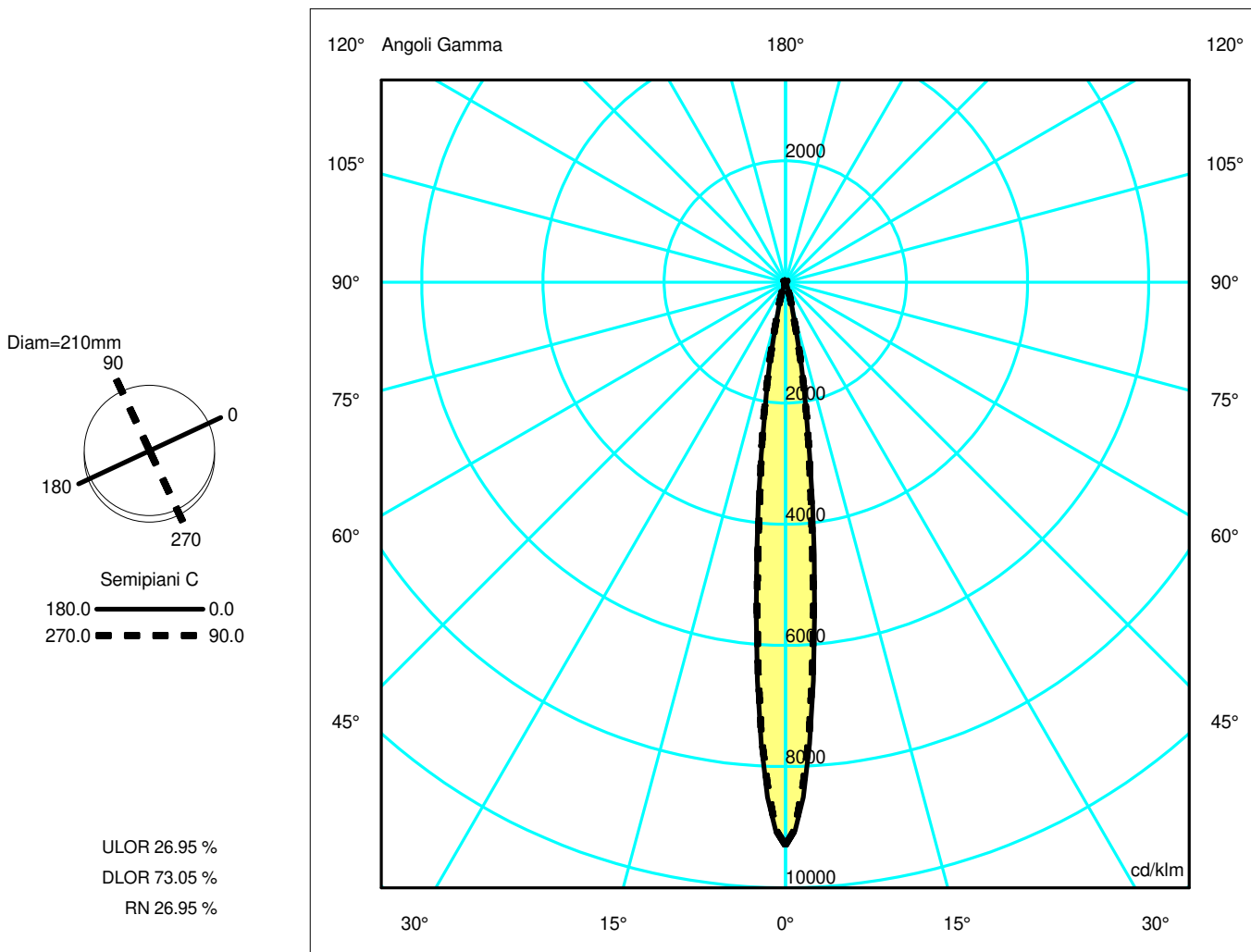
## Luminaire

Code 1407010A  
Name GOPLE S RWB - W+RWB

## Measurement

Code FTS2000738  
Name GOPLE S RWB - W+RWB

|   |                         |                 |                |                             |                         |            |                    |
|---|-------------------------|-----------------|----------------|-----------------------------|-------------------------|------------|--------------------|
| Luminaire Flux                                      | 1605.58 lm              | Luminaire Power | 31.00 W        | Efficacy                    | 51.79 lm/W              | Efficiency | 100.00%            |
| Lamps Flux  | 1605.58 lm              | Maximum value   | 9294.31 cd/klm | Position                    | C=0.00 G=0.00           | CG         | Double Symmetrical |
| Round Luminaire<br>Round Luminous Area              |                         | Diam.           | 210 mm         | Height                      | 420 mm                  |            |                    |
|   |                         | Diam.           | 210 mm         | Height                      | 420 mm                  |            |                    |
| Horizontal Luminous Area                            | 0.034636 m <sup>2</sup> |                 |                | Emitting area on Plane 180° | 0.088200 m <sup>2</sup> |            |                    |
| Emitting area on Plane 0°                           | 0.088200 m <sup>2</sup> |                 |                | Emitting area on Plane 270° | 0.088200 m <sup>2</sup> |            |                    |
| Emitting area on Plane 90°                          | 0.088200 m <sup>2</sup> |                 |                | Glare area at 76°           | 0.093959 m <sup>2</sup> |            |                    |
| Coordinate system                                   | CG                      |                 |                | Symmetry Type               | Double Symmetrical      |            |                    |
| Date  | 16-07-2019              |                 |                | Maximum Gamma Angle         | 180                     |            |                    |
| Measurement Distance                                | 0.00                    |                 |                | Measurement Flux            | 1605.58 lm              |            |                    |
| EfcLum=52lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000h |                         |                 |                |                             |                         |            |                    |
| C.I.E.  | 82 88 94 73 100         |                 |                | D DIN 5040                  | B61                     |            |                    |
| F UTE   | 0.73 B + 0.27 T         |                 |                | B NBN                       | BZ 1 / 3 / BZ 2         |            |                    |



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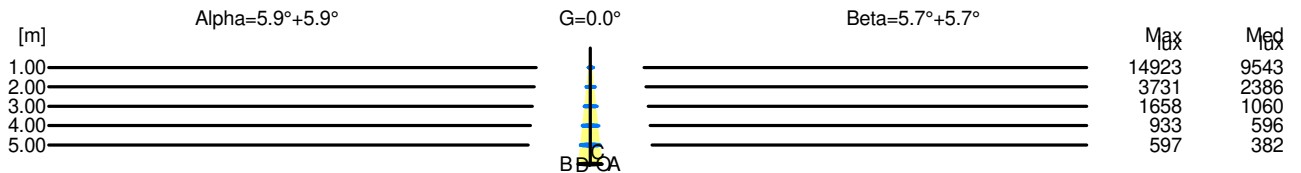
Code FTS2000738  
Name GOPLE S RWB - W+RWB

|   |                 |                         |                |                             |                 |                         |                    |
|---|-----------------|-------------------------|----------------|-----------------------------|-----------------|-------------------------|--------------------|
| Luminaire Flux                                      | 1605.58 lm      | Luminaire Power         | 31.00 W        | Efficacy                    | 51.79 lm/W      | Efficiency              | 100.00%            |
| Lamps Flux  | 1605.58 lm      | Maximum value           | 9294.31 cd/klm | Position                    | C=0.00 G=0.00   | CG                      | Double Symmetrical |
| Round Luminaire                                     |                 | Diam.                   | 210 mm         | Height                      | 420 mm          |                         |                    |
| Round Luminous Area                                 |                 | Diam.                   | 210 mm         | Height                      | 420 mm          |                         |                    |
| Horizontal Luminous Area                            |                 | 0.034636 m <sup>2</sup> |                | Emitting area on Plane 180° |                 | 0.088200 m <sup>2</sup> |                    |
| Emitting area on Plane 0°                           |                 | 0.088200 m <sup>2</sup> |                | Emitting area on Plane 270° |                 | 0.088200 m <sup>2</sup> |                    |
| Emitting area on Plane 90°                          |                 | 0.088200 m <sup>2</sup> |                | Glare area at 76°           |                 | 0.093959 m <sup>2</sup> |                    |
| Coordinate system                                   |                 | CG                      |                | Symmetry Type               |                 | Double Symmetrical      |                    |
| Date  |                 | 16-07-2019              |                | Maximum Gamma Angle         |                 | 180                     |                    |
| Measurement Distance                                |                 | 0.00                    |                | Measurement Flux            |                 | 1605.58 lm              |                    |
| EfcLum=52lm/W CCT=3000K Ra=90 SDCM=3 L70(6K)=50000h |                 |                         |                |                             |                 |                         |                    |
| C.I.E.  | 82 88 94 73 100 |                         |                | D DIN 5040                  | B61             |                         |                    |
| F UTE   | 0.73 B + 0.27 T |                         |                | B NBN                       | BZ 1 / 3 / BZ 2 |                         |                    |

### 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   | 0.10 | 0.21 | 0.31 | 0.41 | 0.52 | OC   | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 |
| OB   | 0.10 | 0.21 | 0.31 | 0.41 | 0.52 | OD   | 0.10 | 0.20 | 0.30 | 0.40 | 0.50 |

|    | Luminous Intensities [ cd/klm] |         |        |        |       |       |       |       |       |       |  |
|----|--------------------------------|---------|--------|--------|-------|-------|-------|-------|-------|-------|--|
|    | 0                              | 5       | 15     | 25     | 35    | 45    | 55    | 65    | 75    | 85    |  |
| OA | 14922.75                       | 8853.55 | 642.42 | 90.08  | 71.59 | 46.38 | 44.21 | 44.50 | 45.37 | 46.23 |  |
| OB | 14922.75                       | 8853.55 | 642.42 | 90.08  | 71.59 | 46.38 | 44.21 | 44.50 | 45.37 | 46.23 |  |
| OC | 14922.75                       | 8602.56 | 672.61 | 102.37 | 68.48 | 47.54 | 45.60 | 45.58 | 46.53 | 47.78 |  |
| OD | 14922.75                       | 8602.56 | 672.61 | 102.37 | 68.48 | 47.54 | 45.60 | 45.58 | 46.53 | 47.78 |  |



| H[m] | D[m] | Max lux | Med lux | Alpha=5.9°+5.9° | G=0.0 |
|------|------|---------|---------|-----------------|-------|
| 1.00 | 0.21 | 14923   | 9543    |                 |       |
| 2.00 | 0.41 | 3731    | 2386    |                 |       |
| 3.00 | 0.62 | 1658    | 1060    |                 |       |
| 4.00 | 0.82 | 933     | 596     |                 |       |
| 5.00 | 1.03 | 597     | 382     |                 |       |

| H[m] | D[m] | Max lux | Med lux | Beta=5.7°+5.7° | G=0.0 |
|------|------|---------|---------|----------------|-------|
| 1.00 | 0.20 | 14923   | 9543    |                |       |
| 2.00 | 0.40 | 3731    | 2386    |                |       |
| 3.00 | 0.60 | 1658    | 1060    |                |       |
| 4.00 | 0.79 | 933     | 596     |                |       |
| 5.00 | 0.99 | 597     | 382     |                |       |