

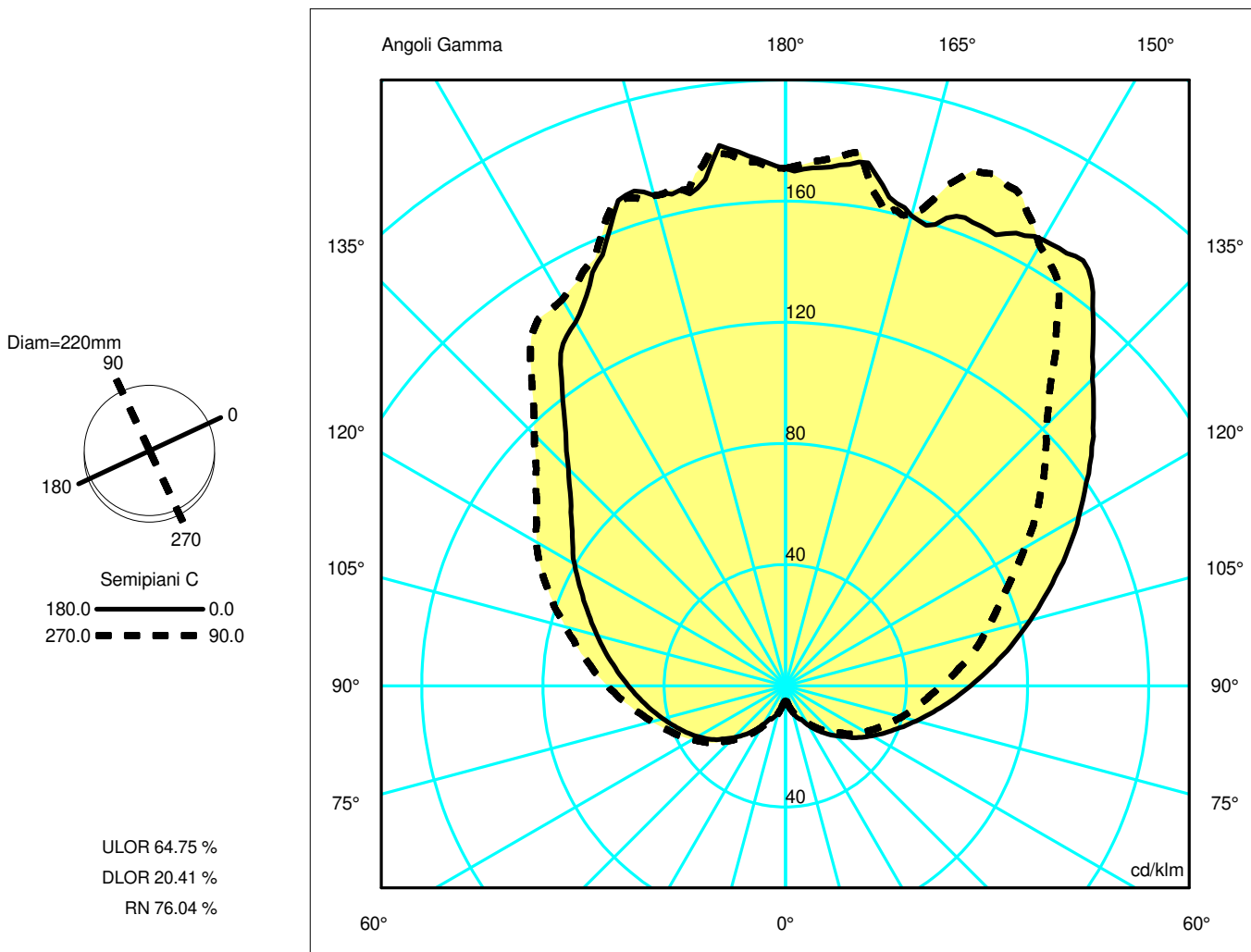
## Luminaire

Code 1410020A  
Name GOPLE LAMP F WHITE

## Measurem.

Code FTS2000318  
Name GOPLE LAMP F WHITE

|   |                      |   |                  |   |                  |   |              |
|---|----------------------|---|------------------|---|------------------|---|--------------|
| Luminaire Flux  | 2088.17 lm           | Luminaire Power                           | 20.00 W          | Efficacy  | 104.41 lm/W      | Efficiency                                | 85.16%       |
| Lamps Flux  | 2452.00 lm           | Maximum value                             | 182.82 cd/klm    | Position  | C=95.00 G=158.00 | CG  | Asymmetrical |
| Round Luminaire<br>Round Luminous Area  |                      | Diam.<br>Diam.                            | 220 mm<br>220 mm | Height<br>Height  | 410 mm<br>410 mm |   |              |
| Horizontal Luminous Area<br>Emitting area on Plane 0°<br>Emitting area on Plane 90° |                      | 0.038013 m2<br>0.090200 m2<br>0.090200 m2 |                  | Emitting area on Plane 180°<br>Emitting area on Plane 270°<br>Glare area at 76° |                  | 0.090200 m2<br>0.090200 m2<br>0.096717 m2 |              |
| Coordinate system<br>Date<br>Measurement Distance                                   |                      | CG<br>12-07-2018<br>0.00                  |                  | Symmetry Type<br>Maximum Gamma Angle<br>Measurement Flux                        |                  | Asymmetrical<br>180<br>2452.00 lm         |              |
| Greenlux LCG607150 20W E27 3000K  |                      |   |                  |   |                  |   |              |
| C.I.E.<br>F UTE   | 12 33 62 24 85<br>-- |   |                  | D DIN 5040<br>B NBN   |                  | D13<br>BZ 10                              |              |



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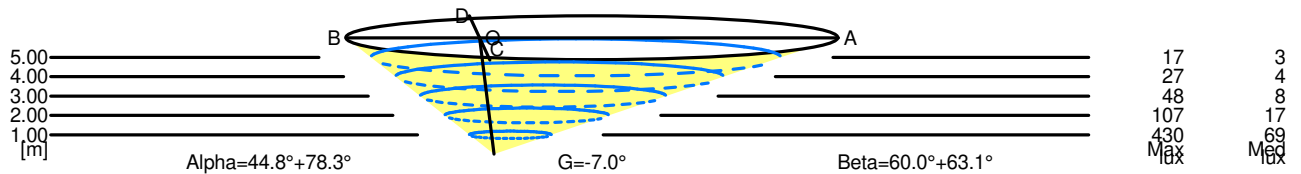
Code FTS2000318  
Name GOPLE LAMP F WHITE

|                                   |                |                 |               |                             |                  |              |              |
|-----------------------------------|----------------|-----------------|---------------|-----------------------------|------------------|--------------|--------------|
| Luminaire Flux                    | 2088.17 lm     | Luminaire Power | 20.00 W       | Efficacy                    | 104.41 lm/W      | Efficiency   | 85.16%       |
| Lamps Flux                        | 2452.00 lm     | Maximum value   | 182.82 cd/klm | Position                    | C=95.00 G=158.00 | CG           | Asymmetrical |
| Round Luminaire                   |                | Diam.           | 220 mm        | Height                      | 410 mm           |              |              |
| Round Luminous Area               |                | Diam.           | 220 mm        | Height                      | 410 mm           |              |              |
| Horizontal Luminous Area          | 0.038013 m2    |                 |               | Emitting area on Plane 180° |                  | 0.090200 m2  |              |
| Emitting area on Plane 0°         | 0.090200 m2    |                 |               | Emitting area on Plane 270° |                  | 0.090200 m2  |              |
| Emitting area on Plane 90°        | 0.090200 m2    |                 |               | Glare area at 76°           |                  | 0.096717 m2  |              |
| Coordinate system                 | CG             |                 |               | Symmetry Type               |                  | Asymmetrical |              |
| Date                              | 12-07-2018     |                 |               | Maximum Gamma Angle         |                  | 180          |              |
| Measurement Distance              | 0.00           |                 |               | Measurement Flux            |                  | 2452.00 lm   |              |
| Greenplux LCG607150 20W E27 3000K |                |                 |               |                             |                  |              |              |
| C.I.E.                            | 12 33 62 24 85 |                 |               | D DIN 5040                  | D13              |              |              |
| F UTE                             | --             |                 |               | B NBN                       | BZ 10            |              |              |

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   | 3.09 | 6.17 | 9.26 | 12.34 | 15.43 | OC   | 1.74 | 3.48 | 5.23 | 6.97 | 8.71 |
| OB   | 1.15 | 2.30 | 3.45 | 4.60  | 5.75  | OD   | 1.98 | 3.97 | 5.95 | 7.94 | 9.92 |

|    |                                |        |        |        |        |        |        |        |        |        |
|----|--------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
|    | Luminous Intensities [ cd/klm] |        |        |        |        |        |        |        |        |        |
|    | 0                              | 5      | 15     | 25     | 35     | 45     | 55     | 65     | 75     | 85     |
| OA | 418.78                         | 421.79 | 394.31 | 403.01 | 420.20 | 351.49 | 299.76 | 250.67 | 205.01 | 166.47 |
| OB | 418.78                         | 433.83 | 411.05 | 369.42 | 317.48 | 248.53 | 210.58 | 182.40 | 157.69 | 136.60 |
| OC | 418.78                         | 428.61 | 395.73 | 442.64 | 386.34 | 299.02 | 249.56 | 201.14 | 167.96 | 139.71 |
| OD | 418.78                         | 428.12 | 410.83 | 376.31 | 353.95 | 287.42 | 245.84 | 217.42 | 184.51 | 156.51 |



|      |       |         |         |                          |
|------|-------|---------|---------|--------------------------|
| 5.00 | 21.18 | 17      | 3       |                          |
| 4.00 | 16.94 | 27      | 4       |                          |
| 3.00 | 12.71 | 48      | 8       |                          |
| 2.00 | 8.47  | 107     | 17      |                          |
| 1.00 | 4.24  | 430     | 69      |                          |
| H[m] | D[m]  | Max lux | Med lux | Alpha=44.8°+78.3° G=-7.0 |

|      |       |         |         |                        |
|------|-------|---------|---------|------------------------|
| 5.00 | 18.63 | 17      | 3       |                        |
| 4.00 | 14.91 | 27      | 4       |                        |
| 3.00 | 11.18 | 48      | 8       |                        |
| 2.00 | 7.45  | 107     | 17      |                        |
| 1.00 | 3.73  | 430     | 69      |                        |
| H[m] | D[m]  | Max lux | Med lux | Beta=63.1°+60.0° G=0.0 |