

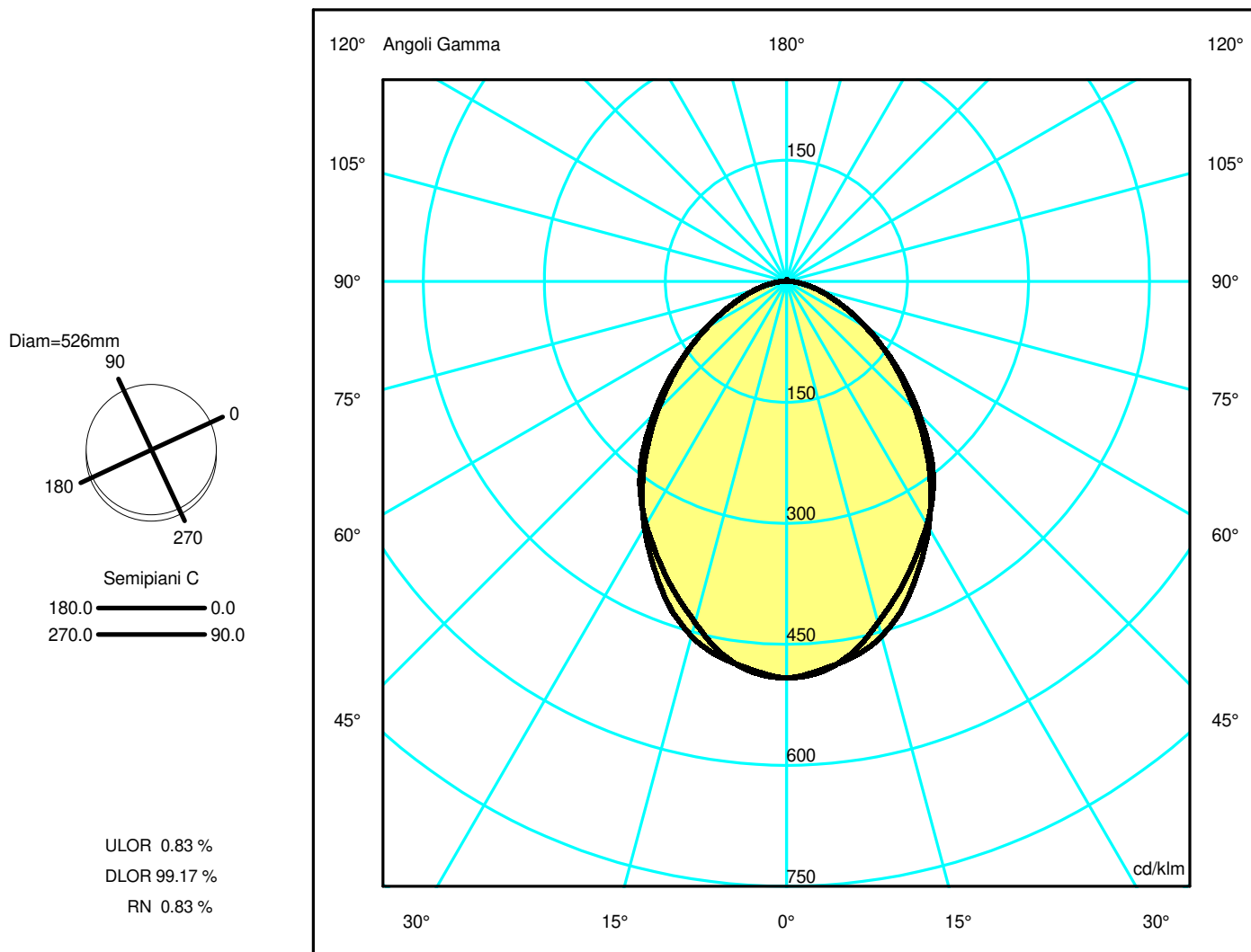
## Luminaire

Code 0210W10APP  
Name CALIPSO C/W 2700K - APP COMPATIBILE

## Measurement

Code FTS1702505-A  
Name CALIPSO C/W 2700K - APP COMPATIBILE

|                                                                                                                |                 |                 |                         |                             |               |                    |                         |
|----------------------------------------------------------------------------------------------------------------|-----------------|-----------------|-------------------------|-----------------------------|---------------|--------------------|-------------------------|
| Luminaire Flux                                                                                                 | 4038 lm         | Luminaire Power | 50.0 W                  | Efficacy                    | 80.756 lm/W   | Efficiency         | 100.00%                 |
| Source Flux                                                                                                    | 4038 lm         | Maximum value   | 491.37 cd/klm           | Position                    | C=0.00 G=0.00 | CG                 | Double Symmetrical      |
| Round Luminaire                                                                                                |                 | Diam.           | 526 mm                  | Height                      | 76 mm         |                    |                         |
| Round Luminous Area                                                                                            |                 | Diam.           | 526 mm                  | Height                      | 0 mm          |                    |                         |
| Horizontal Luminous Area                                                                                       |                 |                 | 0.217301 m <sup>2</sup> | Emitting area on Plane 180° |               |                    | 0.000000 m <sup>2</sup> |
| Emitting area on Plane 0°                                                                                      |                 |                 | 0.000000 m <sup>2</sup> | Emitting area on Plane 270° |               |                    | 0.000000 m <sup>2</sup> |
| Emitting area on Plane 90°                                                                                     |                 |                 | 0.000000 m <sup>2</sup> | Glare area at 76°           |               |                    | 0.052570 m <sup>2</sup> |
| Coordinate system                                                                                              |                 | CG              |                         | Symmetry Type               |               | Double Symmetrical |                         |
| Date                                                                                                           |                 | 01-08-2023      |                         | Maximum Gamma Angle         |               | 180                |                         |
| Measurement Distance                                                                                           |                 | 0.00            |                         | Measurement Flux            |               | 4038 lm            |                         |
| LED Flux=7128lm LED Power=40W Eff=57% EfcLed=178lm/W EfcLum=81lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |                 |                 |                         |                             |               |                    |                         |
| C.I.E.                                                                                                         | 57 86 97 99 100 |                 |                         | D DIN 5040                  | A41           |                    |                         |
| F UTE                                                                                                          | 0.99 D + 0.01 T |                 |                         | B NBN                       | BZ 3          |                    |                         |



## Luminaire

Code 0210W10APP  
Name CALIPSO C/W 2700K - APP COMPATIBILE

## Measurment.

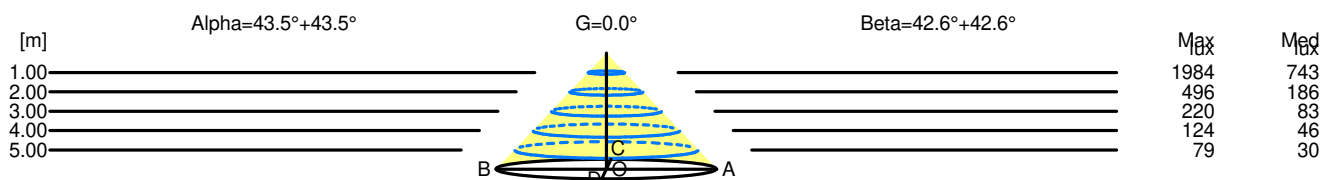
Code FTS1702505-A  
Name CALIPSO C/W 2700K - APP COMPATIBILE

|                                                                                                                |                 |                 |               |                             |               |            |                    |
|----------------------------------------------------------------------------------------------------------------|-----------------|-----------------|---------------|-----------------------------|---------------|------------|--------------------|
| Luminaire Flux                                                                                                 | 4038 lm         | Luminaire Power | 50.0 W        | Efficacy                    | 80.756 lm/W   | Efficiency | 100.00%            |
| Source Flux                                                                                                    | 4038 lm         | Maximum value   | 491.37 cd/klm | Position                    | C=0.00 G=0.00 | CG         | Double Symmetrical |
| Round Luminaire                                                                                                |                 | Diam.           | 526 mm        | Height                      | 76 mm         |            |                    |
| Round Luminous Area                                                                                            |                 | Diam.           | 526 mm        | Height                      | 0 mm          |            |                    |
| Horizontal Luminous Area                                                                                       |                 |                 | 0.217301 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°           |               |            | 0.052570 m2        |
| Coordinate system                                                                                              |                 | CG              |               | Symmetry Type               |               |            | Double Symmetrical |
| Date                                                                                                           |                 | 01-08-2023      |               | Maximum Gamma Angle         |               |            | 180                |
| Measurement Distance                                                                                           |                 | 0.00            |               | Measurement Flux            |               |            | 4038 lm            |
| LED Flux=7128lm LED Power=40W Eff=57% EfcLed=178lm/W EfcLum=81lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=50000h |                 |                 |               |                             |               |            |                    |
| C.I.E.                                                                                                         | 57 86 97 99 100 |                 |               | D DIN 5040                  | A41           |            |                    |
| F UTE                                                                                                          | 0.99 D + 0.01 T |                 |               | B NBN                       | BZ 3          |            |                    |

### 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   | 0.95 | 1.90 | 2.85 | 3.80 | 4.75 | OC   | 0.92 | 1.84 | 2.76 | 3.68 | 4.60 |
| OB   | 0.95 | 1.90 | 2.85 | 3.80 | 4.75 | OD   | 0.92 | 1.84 | 2.76 | 3.68 | 4.60 |

|    | Luminous Intensities [ cd/klm] |         |         |         |         |        |        |        |        |       |
|----|--------------------------------|---------|---------|---------|---------|--------|--------|--------|--------|-------|
|    | 0                              | 5       | 15      | 25      | 35      | 45     | 55     | 65     | 75     | 85    |
| OA | 1984.06                        | 1963.42 | 1769.03 | 1525.60 | 1277.21 | 939.39 | 606.42 | 337.54 | 162.79 | 51.02 |
| OB | 1984.06                        | 1963.42 | 1769.03 | 1525.60 | 1277.21 | 939.39 | 606.42 | 337.54 | 162.79 | 51.02 |
| OC | 1984.06                        | 1953.00 | 1838.49 | 1574.74 | 1259.74 | 912.48 | 601.66 | 341.76 | 162.87 | 51.82 |
| OD | 1984.06                        | 1953.00 | 1838.49 | 1574.74 | 1259.74 | 912.48 | 601.66 | 341.76 | 162.87 | 51.82 |



| H[m] | D[m] | Max lux | Med lux | Alpha=43.5°+43.5° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.90 | 1984    | 743     |                   |       |
| 2.00 | 3.80 | 496     | 186     |                   |       |
| 3.00 | 5.70 | 220     | 83      |                   |       |
| 4.00 | 7.59 | 124     | 46      |                   |       |
| 5.00 | 9.49 | 79      | 30      |                   |       |

| H[m] | D[m] | Max lux | Med lux | Beta=42.6°+42.6° | G=0.0 |
|------|------|---------|---------|------------------|-------|
| 1.00 | 1.84 | 1984    | 743     |                  |       |
| 2.00 | 3.68 | 496     | 186     |                  |       |
| 3.00 | 5.52 | 220     | 83      |                  |       |
| 4.00 | 7.36 | 124     | 46      |                  |       |
| 5.00 | 9.21 | 79      | 30      |                  |       |