

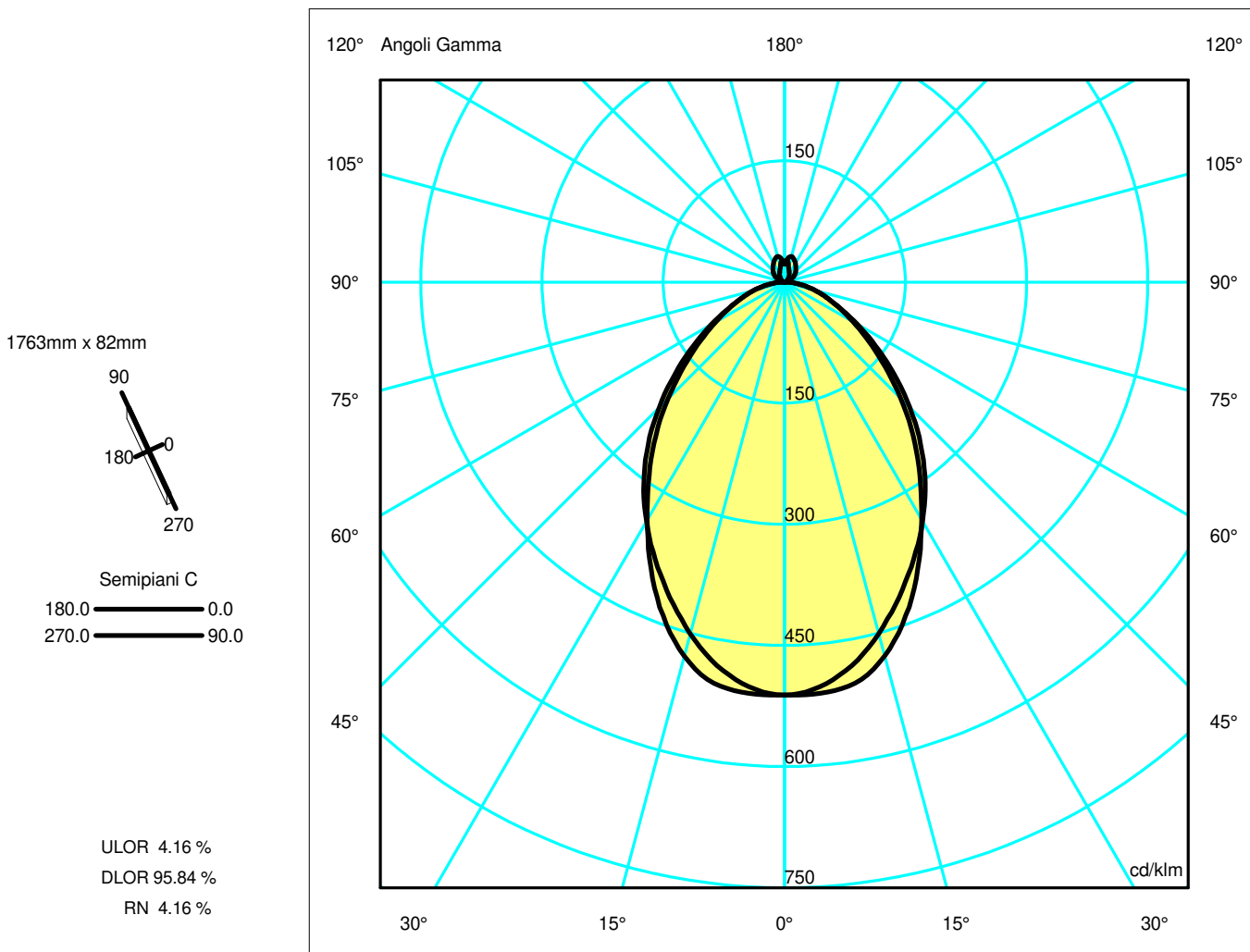
## Luminaire

Code 0224010A  
Name CALIPSO LINEAR 180 S

## Measurerm.

Code FTS1901905  
Name CALIPSO LINEAR 180 S

|   |                 |                             |               |          |               |            |                    |
|---|-----------------|-----------------------------|---------------|----------|---------------|------------|--------------------|
| Luminaire Flux  | 4477.12 lm      | Luminaire Power             | 63.00 W       | Efficacy | 71.07 lm/W    | Efficiency | 100.00%            |
| Lamps Flux  | 4477.12 lm      | Maximum value               | 511.76 cd/klm | Position | C=0.00 G=2.00 | CG         | Double Symmetrical |
| Rectangular Luminaire   |                 | Length                      | 1763 mm       | Width    | 82 mm         | Height     | 70 mm              |
| Rectangular Luminous Area   |                 | Length                      | 1730 mm       | Width    | 70 mm         | Height     | 0 mm               |
| Horizontal Luminous Area  | 0.121100 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°           |               |          |               |            | 0.029297 m2        |
| Coordinate system   | CG              | Symmetry Type               |               |          |               |            | Double Symmetrical |
| Date  | 19-07-2019      | Maximum Gamma Angle         |               |          |               |            | 180                |
| Measurement Distance  | 0.00            | Measurement Flux            |               |          |               |            | 4477.12 lm         |
| LED Flux=7765.362lm LED Power=58W Eff=58% EfcLed=134lm/W EfcLum=71lm/W CCT=3000K Ra=90 SDCM=3 L90(20K)=50000h |                 |                             |               |          |               |            |                    |
| C.I.E.  | 60 87 97 96 100 | D DIN 5040                  |               | A41      |               |            |                    |
| F UTE   | 0.96 D + 0.04 T | B NBN                       |               | BZ 3     |               |            |                    |



## Luminaire

Code 0224010A  
Name CALIPSO LINEAR 180 S

## Measur.

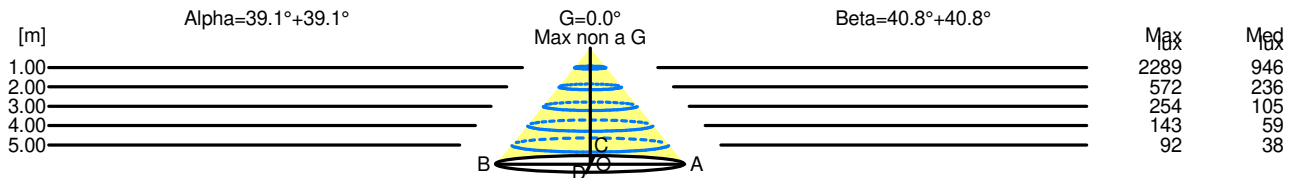
Code FTS1901905  
Name CALIPSO LINEAR 180 S

|   |                 |                 |               |                             |               |                    |                    |
|---|-----------------|-----------------|---------------|-----------------------------|---------------|--------------------|--------------------|
| Luminaire Flux  | 4477.12 lm      | Luminaire Power | 63.00 W       | Efficacy                    | 71.07 lm/W    | Efficiency         | 100.00%            |
| Lamps Flux  | 4477.12 lm      | Maximum value   | 511.76 cd/klm | Position                    | C=0.00 G=2.00 | CG                 | Double Symmetrical |
| Rectangular Luminaire   |                 | Length          | 1763 mm       | Width                       | 82 mm         | Height             | 70 mm              |
| Rectangular Luminous Area   |                 | Length          | 1730 mm       | Width                       | 70 mm         | Height             | 0 mm               |
| Horizontal Luminous Area  | 0.121100 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°           |               | 0.029297 m2        |                    |
| Coordinate system   | CG              |                 |               | Symmetry Type               |               | Double Symmetrical |                    |
| Date  | 19-07-2019      |                 |               | Maximum Gamma Angle         |               | 180                |                    |
| Measurement Distance  | 0.00            |                 |               | Measurement Flux            |               | 4477.12 lm         |                    |
| LED Flux=7765.362lm LED Power=58W Eff=58% EfcLed=134lm/W EfcLum=71lm/W CCT=3000K Ra=90 SDCM=3 L90(20K)=50000h |                 |                 |               |                             |               |                    |                    |
| C.I.E.  | 60 87 97 96 100 |                 |               | D DIN 5040                  | A41           |                    |                    |
| F UTE   | 0.96 D + 0.04 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   | 0.81 | 1.62 | 2.44 | 3.25 | 4.06 | OC   | 0.86 | 1.73 | 2.59 | 3.45 | 4.32 |
| OB   | 0.81 | 1.62 | 2.44 | 3.25 | 4.06 | OD   | 0.86 | 1.73 | 2.59 | 3.45 | 4.32 |

|    |                                |         |         |         |         |        |        |        |        |       |
|----|--------------------------------|---------|---------|---------|---------|--------|--------|--------|--------|-------|
|    | Luminous Intensities [ cd/klm] |         |         |         |         |        |        |        |        |       |
|    | 0                              | 5       | 15      | 25      | 35      | 45     | 55     | 65     | 75     | 85    |
| OA | 2289.15                        | 2288.68 | 2146.13 | 1749.37 | 1307.55 | 911.09 | 570.63 | 329.94 | 174.40 | 52.15 |
| OB | 2289.15                        | 2288.68 | 2146.13 | 1749.37 | 1307.55 | 911.09 | 570.63 | 329.94 | 174.40 | 52.15 |
| OC | 2289.15                        | 2251.76 | 2017.80 | 1694.45 | 1359.15 | 982.07 | 615.97 | 338.58 | 173.96 | 51.54 |
| OD | 2289.15                        | 2251.76 | 2017.80 | 1694.45 | 1359.15 | 982.07 | 615.97 | 338.58 | 173.96 | 51.54 |



| H[m] | D[m] | Max lux | Med lux | Alpha=39.1°+39.1° | G=0.0<br>Max non a G |
|------|------|---------|---------|-------------------|----------------------|
| 1.00 | 1.62 | 2289    | 946     |                   |                      |
| 2.00 | 3.25 | 572     | 236     |                   |                      |
| 3.00 | 4.87 | 254     | 105     |                   |                      |
| 4.00 | 6.50 | 143     | 59      |                   |                      |
| 5.00 | 8.12 | 92      | 38      |                   |                      |

| H[m] | D[m] | Max lux | Med lux | Beta=40.8°+40.8° | G=0.0<br>Max non a G |
|------|------|---------|---------|------------------|----------------------|
| 1.00 | 1.73 | 2289    | 946     |                  |                      |
| 2.00 | 3.45 | 572     | 236     |                  |                      |
| 3.00 | 5.18 | 254     | 105     |                  |                      |
| 4.00 | 6.91 | 143     | 59      |                  |                      |
| 5.00 | 8.63 | 92      | 38      |                  |                      |