

## Luminaire

Code CH53602  
Name SYLT HELGOLAND 90 4000K WF BLU

## Measurem.

Code FTS2400501  
Name SYLT HELGOLAND 90 4000K WF BLU

|  |        |                 |                |                             |               |                 |                 |
|--|--------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux   | 893 lm | Luminaire Power | 6.0 W          | Efficacy                    | 148.833 lm/W  | Efficiency      | 100.00%         |
| Source Flux  | 893 lm | Maximum value   | 2351.60 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire  |        | Diam.           | 90 mm          | Height                      | 12 mm         |                 |                 |
| Round Luminous Area  |        | Diam.           | 64 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area   |        | 0.003217 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°           |               | 0.000778 m2     |                 |
| Coordinate system  |        | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date   |        | 03-12-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance   |        | 0.00            |                | Measurement Flux            |               | 893 lm          |                 |
| LED Flux=1081lm LED Power=6W Eff=83% EfcLed=180lm/W EfcLum=149lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h |        |                 |                |                             |               |                 |                 |
| C.I.E.   | 99     | 100             | 100            | 100                         | 100           | D DIN 5040      | A60             |
| F UTE  | --     |                 |                |                             |               | B NBN           | BZ 1            |

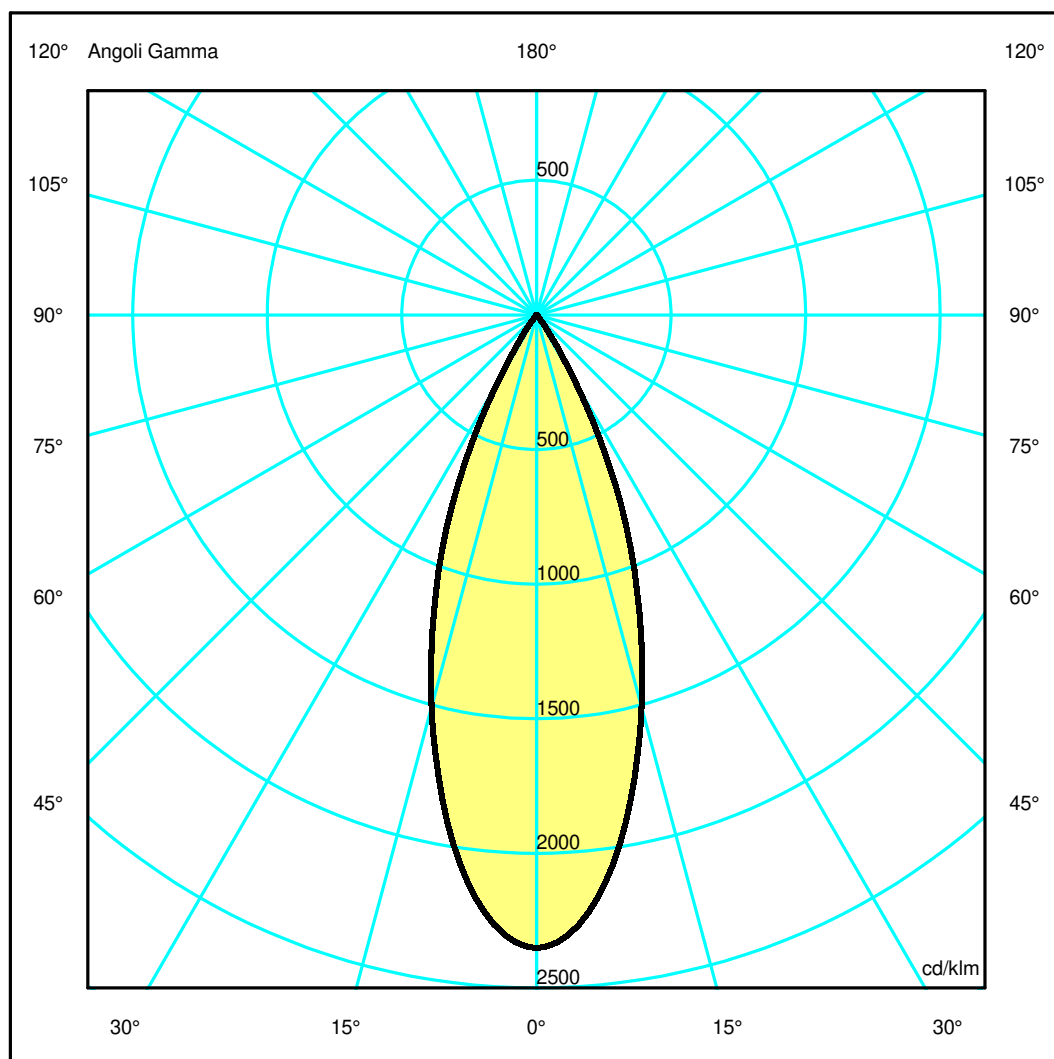
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



## Luminaire

Code CH53602  
Name SYLT HELGOLAND 90 4000K WF BLU

## Measurem.

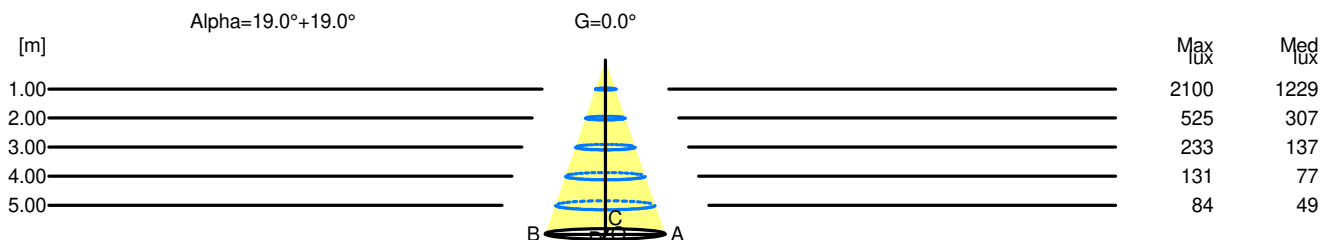
Code FTS2400501  
Name SYLT HELGOLAND 90 4000K WF BLU

|  |        |                 |                |                             |               |                 |                 |
|--|--------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux   | 893 lm | Luminaire Power | 6.0 W          | Efficacy                    | 148.833 lm/W  | Efficiency      | 100.00%         |
| Source Flux  | 893 lm | Maximum value   | 2351.60 cd/klm | Position                    | C=0.00 G=0.00 | CG              | Rotosymmetrical |
| Round Luminaire  |        | Diam.           | 90 mm          | Height                      | 12 mm         |                 |                 |
| Round Luminous Area  |        | Diam.           | 64 mm          | Height                      | 0 mm          |                 |                 |
| Horizontal Luminous Area   |        | 0.003217 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°           |               | 0.000778 m2     |                 |
| Coordinate system  |        | CG              |                | Symmetry Type               |               | Rotosymmetrical |                 |
| Date   |        | 03-12-2024      |                | Maximum Gamma Angle         |               | 180             |                 |
| Measurement Distance   |        | 0.00            |                | Measurement Flux            |               | 893 lm          |                 |
| LED Flux=1081lm LED Power=6W Eff=83% EfcLed=180lm/W EfcLum=149lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h |        |                 |                |                             |               |                 |                 |
| C.I.E.   | 99     | 100             | 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   | 0.34 | 0.69 | 1.03 | 1.38 | 1.72 | OC   | 0.34 | 0.69 | 1.03 | 1.38 | 1.72 |
| OB   | 0.34 | 0.69 | 1.03 | 1.38 | 1.72 | OD   | 0.34 | 0.69 | 1.03 | 1.38 | 1.72 |

|    |                                |         |         |        |       |      |      |      |      |      |
|----|--------------------------------|---------|---------|--------|-------|------|------|------|------|------|
|    | Luminous Intensities [ cd/klm] |         |         |        |       |      |      |      |      |      |
|    | 0                              | 5       | 15      | 25     | 35    | 45   | 55   | 65   | 75   | 85   |
| OA | 2099.98                        | 1988.17 | 1345.14 | 614.40 | 70.17 | 7.43 | 3.63 | 1.92 | 0.75 | 0.24 |
| OB | 2099.98                        | 1988.17 | 1345.14 | 614.40 | 70.17 | 7.43 | 3.63 | 1.92 | 0.75 | 0.24 |
| OC | 2099.98                        | 1988.17 | 1345.14 | 614.40 | 70.17 | 7.43 | 3.63 | 1.92 | 0.75 | 0.24 |
| OD | 2099.98                        | 1988.17 | 1345.14 | 614.40 | 70.17 | 7.43 | 3.63 | 1.92 | 0.75 | 0.24 |



| H[m] | D[m] | Max lux | Med lux | Alpha=19.0°+19.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.69 | 2100    | 1229    |                   |       |
| 2.00 | 1.38 | 525     | 307     |                   |       |
| 3.00 | 2.06 | 233     | 137     |                   |       |
| 4.00 | 2.75 | 131     | 77      |                   |       |
| 5.00 | 3.44 | 84      | 49      |                   |       |