

Luminaire

Code CH54205
Name SYLT HELGOLAND 90 2700K XF SLV

Measurem.

Code FTS2500111
Name SYLT HELGOLAND 90 2700K XF SLV

| | | | | | | | |
|--|--------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 819 lm | Luminaire Power | 6.0 W | Efficacy | 136.500 lm/W | Efficiency | 100.00% |
| Source Flux | 819 lm | Maximum value | 1216.44 cd/klm | Position | C=0.00 G=1.00 | 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 | | 819 lm | |
| LED Flux=1019lm LED Power=6W Eff=80% EfcLed=170lm/W EfcLum=137lm/W CCT=2700K 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 |

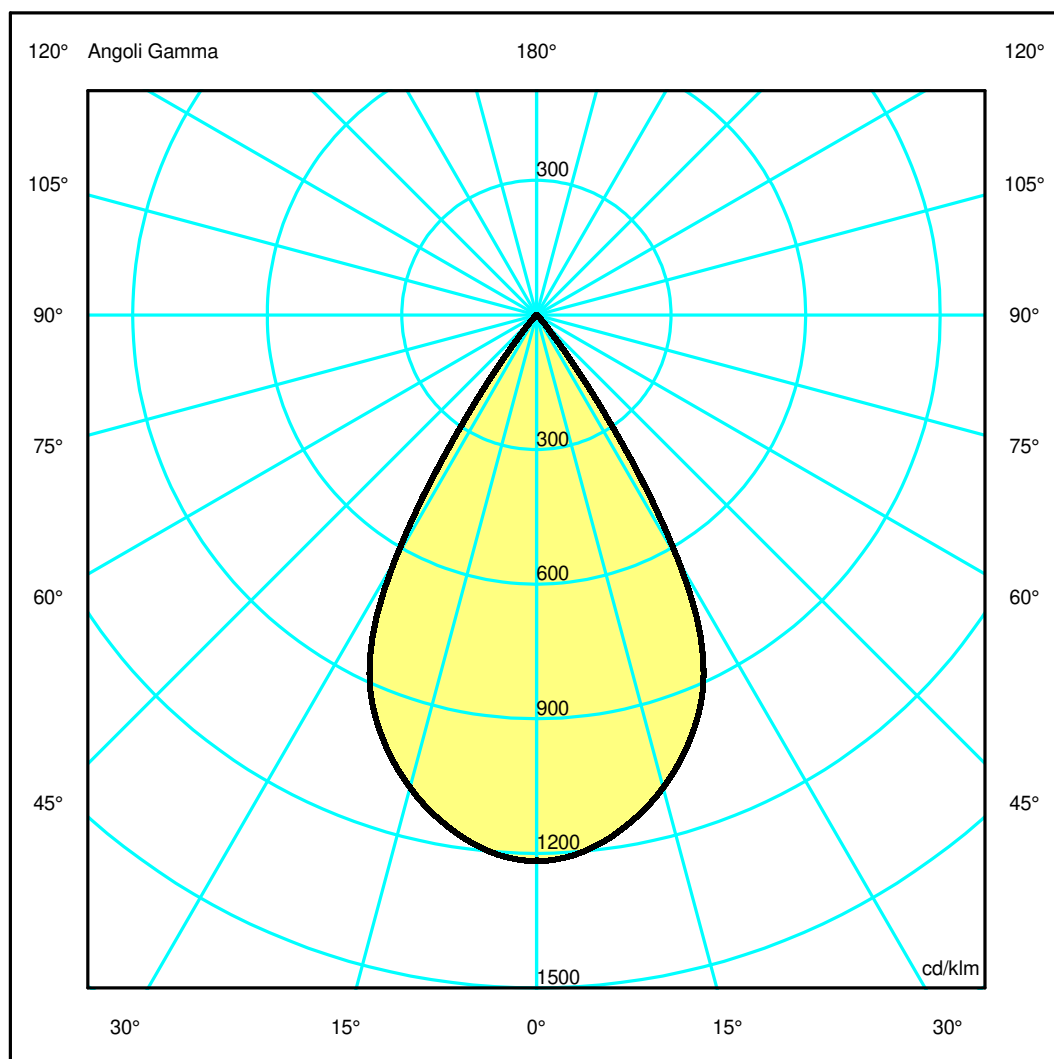
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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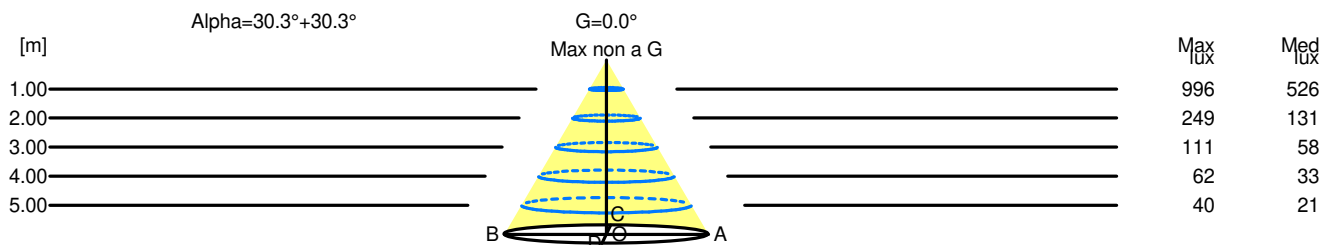
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| Date | | 03-12-2024 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 819 lm | |
| LED Flux=1019lm LED Power=6W Eff=80% EfcLed=170lm/W EfcLum=137lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(17k)=102000h | | | | | | | |
| 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 | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 | OC | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 |
| OB | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 | OD | 0.59 | 1.17 | 1.76 | 2.34 | 2.93 |

| | | | | | | | | | | |
|----|--------------------------------|--------|--------|--------|--------|------|------|------|------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 995.72 | 983.10 | 892.83 | 722.11 | 200.62 | 9.57 | 3.15 | 1.26 | 0.37 | 0.26 |
| OB | 995.72 | 983.10 | 892.83 | 722.11 | 200.62 | 9.57 | 3.15 | 1.26 | 0.37 | 0.26 |
| OC | 995.72 | 983.10 | 892.83 | 722.11 | 200.62 | 9.57 | 3.15 | 1.26 | 0.37 | 0.26 |
| OD | 995.72 | 983.10 | 892.83 | 722.11 | 200.62 | 9.57 | 3.15 | 1.26 | 0.37 | 0.26 |



| H[m] | D[m] | Max lux | Med lux | Alpha=30.3°+30.3° | G=0.0 Max non a G |
|------|------|---------|---------|-------------------|----------------------|
| 1.00 | 1.17 | 996 | 526 | | |
| 2.00 | 2.34 | 249 | 131 | | |
| 3.00 | 3.51 | 111 | 58 | | |
| 4.00 | 4.68 | 62 | 33 | | |
| 5.00 | 5.85 | 40 | 21 | | |