

Luminaire

Code CH56503
Name SYLT HELGOLAND 120 4000K FL COP

Measurem.

Code FTS2400503
Name SYLT HELGOLAND 120 4000K FL COP

| | | | | | | | |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 1080 lm | Luminaire Power | 8.5 W | Efficacy | 127.059 lm/W | Efficiency | 100.00% |
| Source Flux | 1080 lm | Maximum value | 3443.59 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 120 mm | Height | 12 mm | | |
| Round Luminous Area | | Diam. | 89 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | 0.006221 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° | | 0.001505 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 03-12-2024 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1080 lm | |
| LED Flux=1546lm LED Power=8.5W Eff=70% EfcLed=182lm/W EfcLum=127lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h | | | | | | | |
| C.I.E. | 96 99 100 100 100 | | | D DIN 5040 | | A60 | |
| F UTE | 1.00 A | | | B NBN | | BZ 1 | |

Diam=120mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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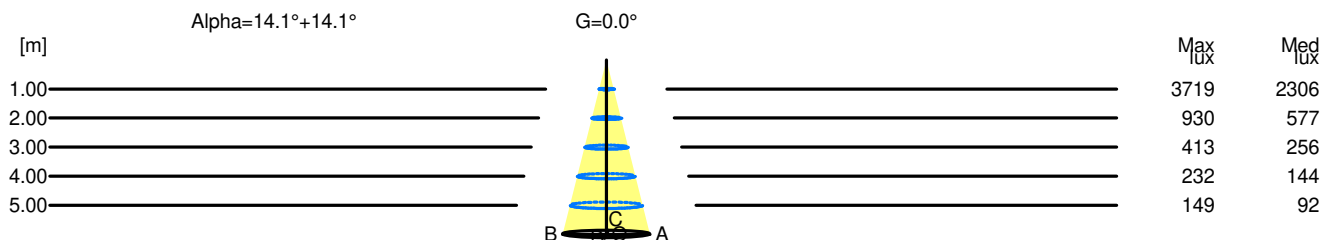
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| C.I.E. | 96 99 100 100 100 | | | D DIN 5040 | A60 | | |
| F UTE | 1.00 A | | | B NBN | BZ 1 | | |

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 | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 | OC | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 |
| OB | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 | OD | 0.25 | 0.50 | 0.75 | 1.00 | 1.25 |

| | | | | | | | | | | |
|----|--------------------------------|---------|---------|--------|-------|-------|-------|------|------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 3719.07 | 3426.04 | 1682.26 | 438.39 | 96.84 | 26.50 | 13.19 | 6.98 | 2.32 | 0.36 |
| OB | 3719.07 | 3426.04 | 1682.26 | 438.39 | 96.84 | 26.50 | 13.19 | 6.98 | 2.32 | 0.36 |
| OC | 3719.07 | 3426.04 | 1682.26 | 438.39 | 96.84 | 26.50 | 13.19 | 6.98 | 2.32 | 0.36 |
| OD | 3719.07 | 3426.04 | 1682.26 | 438.39 | 96.84 | 26.50 | 13.19 | 6.98 | 2.32 | 0.36 |



| H[m] | D[m] | Max lux | Med lux | Alpha=14.1°+14.1° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.50 | 3719 | 2306 | | |
| 2.00 | 1.00 | 930 | 577 | | |
| 3.00 | 1.50 | 413 | 256 | | |
| 4.00 | 2.00 | 232 | 144 | | |
| 5.00 | 2.51 | 149 | 92 | | |