

Luminaire

Code AX12001
Name HELGOLAND 120 ADJ 3000K WF BCO

Measurement

Code FTS2400516
Name HELGOLAND 120 ADJ 3000K WF BCO

| | | | | | | | |
|--|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 1277 lm | Luminaire Power | 8.5 W | Efficacy | 150.235 lm/W | Efficiency | 100.00% |
| Source Flux | 1277 lm | Maximum value | 2336.93 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 | | 1277 lm | |
| LED Flux=1546lm LED Power=8.5W Eff=83% EfcLed=182lm/W EfcLum=150lm/W CCT=3000K 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=120mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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Measurem.

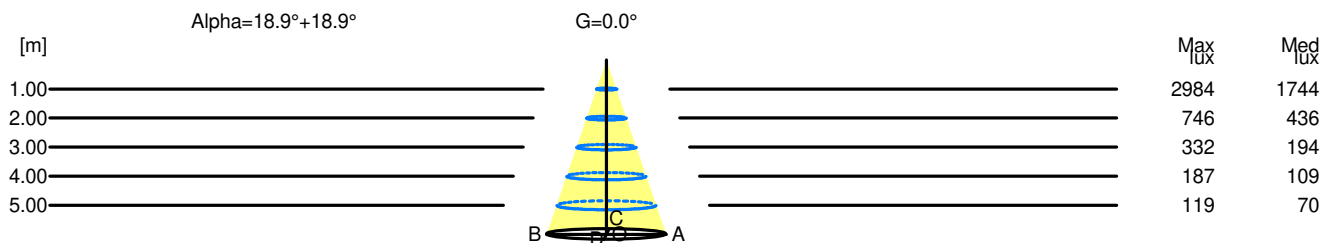
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| Round Luminous Area | | Diam. | 89 mm | Height | 0 mm | | |
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| C.I.E. | 99 | 100 | 100 | 100 | 100 | D DIN 5040 | A60 |
| F UTE | -- | | | | | B NBN | BZ 1 |

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 | 1.37 | 1.71 | OC | 0.34 | 0.69 | 1.03 | 1.37 | 1.71 |
| OB | 0.34 | 0.69 | 1.03 | 1.37 | 1.71 | OD | 0.34 | 0.69 | 1.03 | 1.37 | 1.71 |

| | | | | | | | | | | |
|----|--------------------------------|---------|---------|--------|--------|-------|------|------|------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 2984.26 | 2827.62 | 1898.24 | 874.20 | 113.81 | 11.37 | 5.88 | 3.06 | 1.08 | 0.32 |
| OB | 2984.26 | 2827.62 | 1898.24 | 874.20 | 113.81 | 11.37 | 5.88 | 3.06 | 1.08 | 0.32 |
| OC | 2984.26 | 2827.62 | 1898.24 | 874.20 | 113.81 | 11.37 | 5.88 | 3.06 | 1.08 | 0.32 |
| OD | 2984.26 | 2827.62 | 1898.24 | 874.20 | 113.81 | 11.37 | 5.88 | 3.06 | 1.08 | 0.32 |



| H[m] | D[m] | Max lux | Med lux | Alpha=18.9°+18.9° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.69 | 2984 | 1744 | | |
| 2.00 | 1.37 | 746 | 436 | | |
| 3.00 | 2.06 | 332 | 194 | | |
| 4.00 | 2.74 | 187 | 109 | | |
| 5.00 | 3.43 | 119 | 70 | | |