

Luminaire

Code AX08001
Name HELGOLAND 90 ADJ 2700K FL BCO

Measurement

Code FTS2500109.
Name HELGOLAND 90 ADJ 2700K FL BCO

| | | | | | | | |
|--|-------------------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 712 lm | Luminaire Power | 6.0 W | Efficacy | 118.667 lm/W | Efficiency | 100.00% |
| Source Flux | 712 lm | Maximum value | 3347.51 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 | | 712 lm | |
| LED Flux=1019lm LED Power=6W Eff=70% EfcLed=170lm/W EfcLum=119lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(17k)=102000h | | | | | | | |
| C.I.E. | 97 99 100 100 100 | | | D DIN 5040 | | A60 | |
| F UTE | -- | | | B NBN | | BZ 1 | |

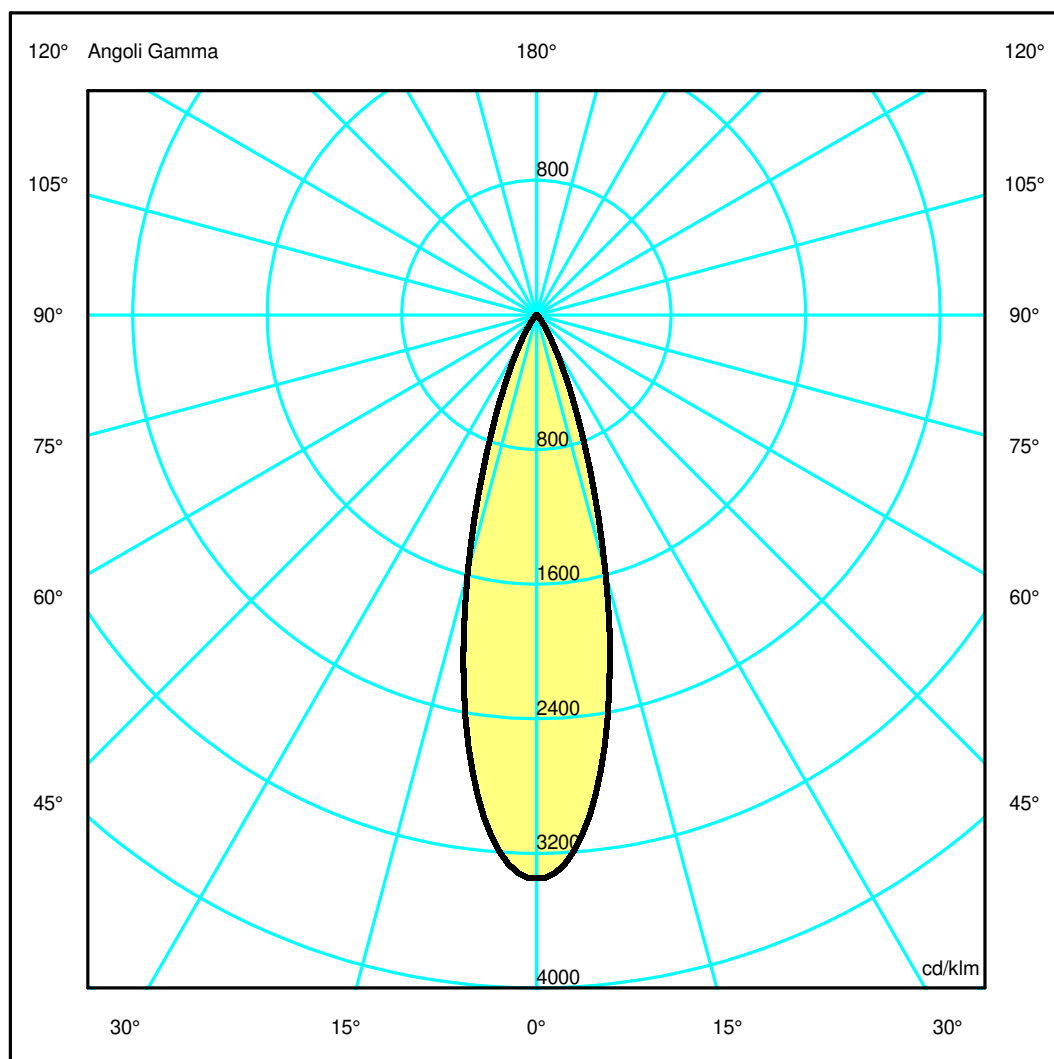
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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Measurem.

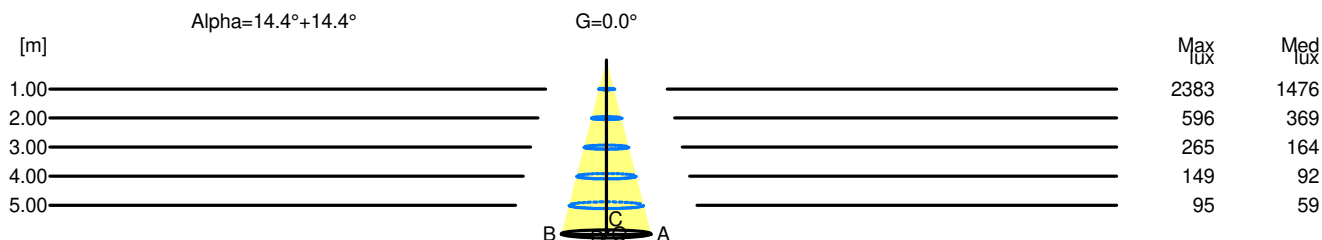
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| Round Luminaire | | Diam. | 90 mm | Height | 12 mm | | |
| Round Luminous Area | | Diam. | 64 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | 0.003217 m2 | | Emitting area on Plane 180° | | 0.000000 m2 | |
| Emitting area on Plane 0° | | 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 | | 712 lm | |
| LED Flux=1019lm LED Power=6W Eff=70% EfcLed=170lm/W EfcLum=119lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(17k)=102000h | | | | | | | |
| C.I.E. | 97 99 100 100 100 | | | 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 | 0.26 | 0.52 | 0.77 | 1.03 | 1.29 | OC | 0.26 | 0.52 | 0.77 | 1.03 | 1.29 |
| OB | 0.26 | 0.52 | 0.77 | 1.03 | 1.29 | OD | 0.26 | 0.52 | 0.77 | 1.03 | 1.29 |

| | | | | | | | | | | |
|----|--------------------------------|---------|---------|--------|-------|-------|------|------|------|------|
| | Luminous Intensities [cd/klm] | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 2383.43 | 2209.39 | 1125.20 | 301.64 | 62.59 | 14.64 | 6.91 | 3.78 | 1.31 | 0.23 |
| OB | 2383.43 | 2209.39 | 1125.20 | 301.64 | 62.59 | 14.64 | 6.91 | 3.78 | 1.31 | 0.23 |
| OC | 2383.43 | 2209.39 | 1125.20 | 301.64 | 62.59 | 14.64 | 6.91 | 3.78 | 1.31 | 0.23 |
| OD | 2383.43 | 2209.39 | 1125.20 | 301.64 | 62.59 | 14.64 | 6.91 | 3.78 | 1.31 | 0.23 |



| H[m] | D[m] | Max lux | Med lux | Alpha=14.4°+14.4° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 0.52 | 2383 | 1476 | | |
| 2.00 | 1.03 | 596 | 369 | | |
| 3.00 | 1.55 | 265 | 164 | | |
| 4.00 | 2.06 | 149 | 92 | | |
| 5.00 | 2.58 | 95 | 59 | | |