

Luminaire

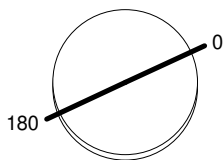
Code AX15204
Name HELGOLAND 160 FIX 3000K XF NRO

Measurement

Code FTS2400520
Name HELGOLAND 160 FIX 3000K XF NRO

| | | | | | | | |
|---|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 2463 lm | Luminaire Power | 17.0 W | Efficacy | 144.882 lm/W | Efficiency | 100.00% |
| Source Flux | 2463 lm | Maximum value | 1308.00 cd/klm | Position | C=0.00 G=0.00 | CG | Rotosymmetrical |
| Round Luminaire | | Diam. | 160 mm | Height | 12 mm | | |
| Round Luminous Area | | Diam. | 127 mm | Height | 0 mm | | |
| Horizontal Luminous Area | | 0.012668 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° | | 0.003065 m2 | |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 03-12-2024 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 2463 lm | |
| LED Flux=3064lm LED Power=17W Eff=80% EfcLed=180lm/W EfcLum=145lm/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=160mm



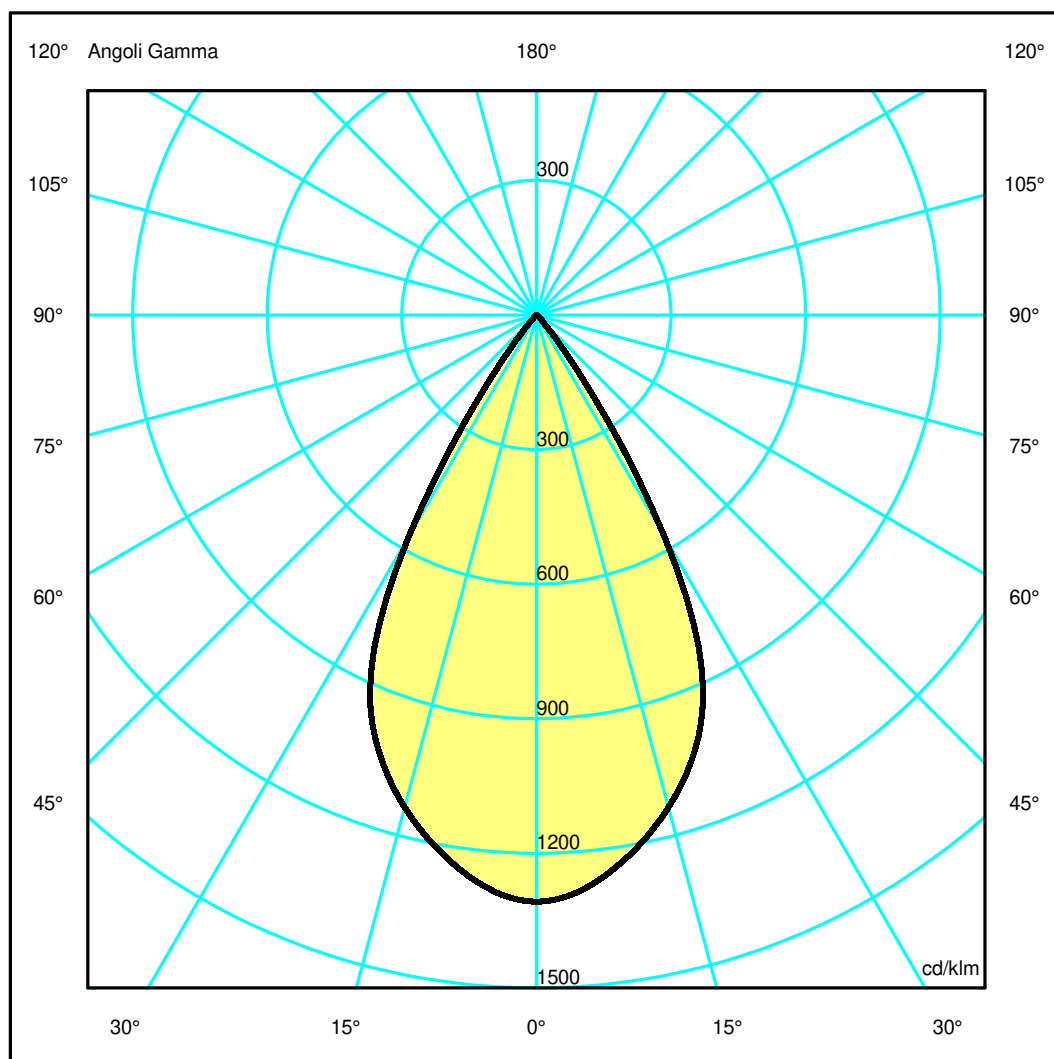
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Measurem.

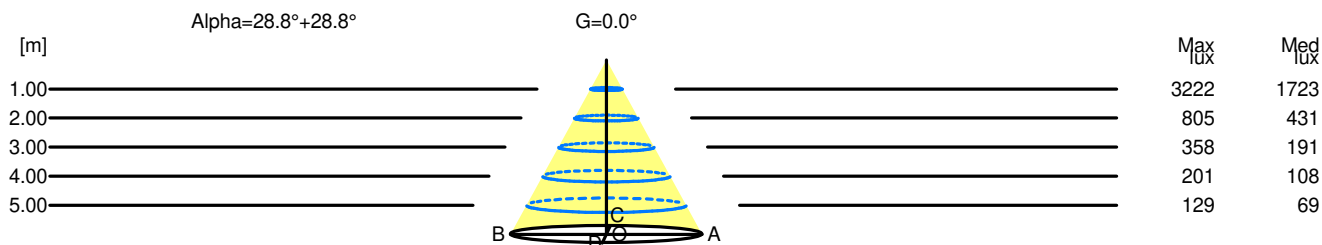
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| F UTE | -- | | | | | B NBN | BZ 1 |

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 | 0.55 | 1.10 | 1.65 | 2.20 | 2.75 | OC | 0.55 | 1.10 | 1.65 | 2.20 | 2.75 |
| OB | 0.55 | 1.10 | 1.65 | 2.20 | 2.75 | OD | 0.55 | 1.10 | 1.65 | 2.20 | 2.75 |

| | | | | | | | | | | | |
|----|--------------------------------|---------|---------|---------|--------|-------|-------|------|------|------|--|
| | Luminous Intensities [cd/klm] | | | | | | | | | | |
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 | |
| OA | 3221.61 | 3154.51 | 2798.08 | 2146.65 | 542.54 | 36.23 | 14.61 | 5.44 | 0.99 | 0.57 | |
| OB | 3221.61 | 3154.51 | 2798.08 | 2146.65 | 542.54 | 36.23 | 14.61 | 5.44 | 0.99 | 0.57 | |
| OC | 3221.61 | 3154.51 | 2798.08 | 2146.65 | 542.54 | 36.23 | 14.61 | 5.44 | 0.99 | 0.57 | |
| OD | 3221.61 | 3154.51 | 2798.08 | 2146.65 | 542.54 | 36.23 | 14.61 | 5.44 | 0.99 | 0.57 | |



| H[m] | D[m] | Max lux | Med lux | Alpha=28.8°+28.8° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.10 | 3222 | 1723 | | |
| 2.00 | 2.20 | 805 | 431 | | |
| 3.00 | 3.30 | 358 | 191 | | |
| 4.00 | 4.40 | 201 | 108 | | |
| 5.00 | 5.50 | 129 | 69 | | |