

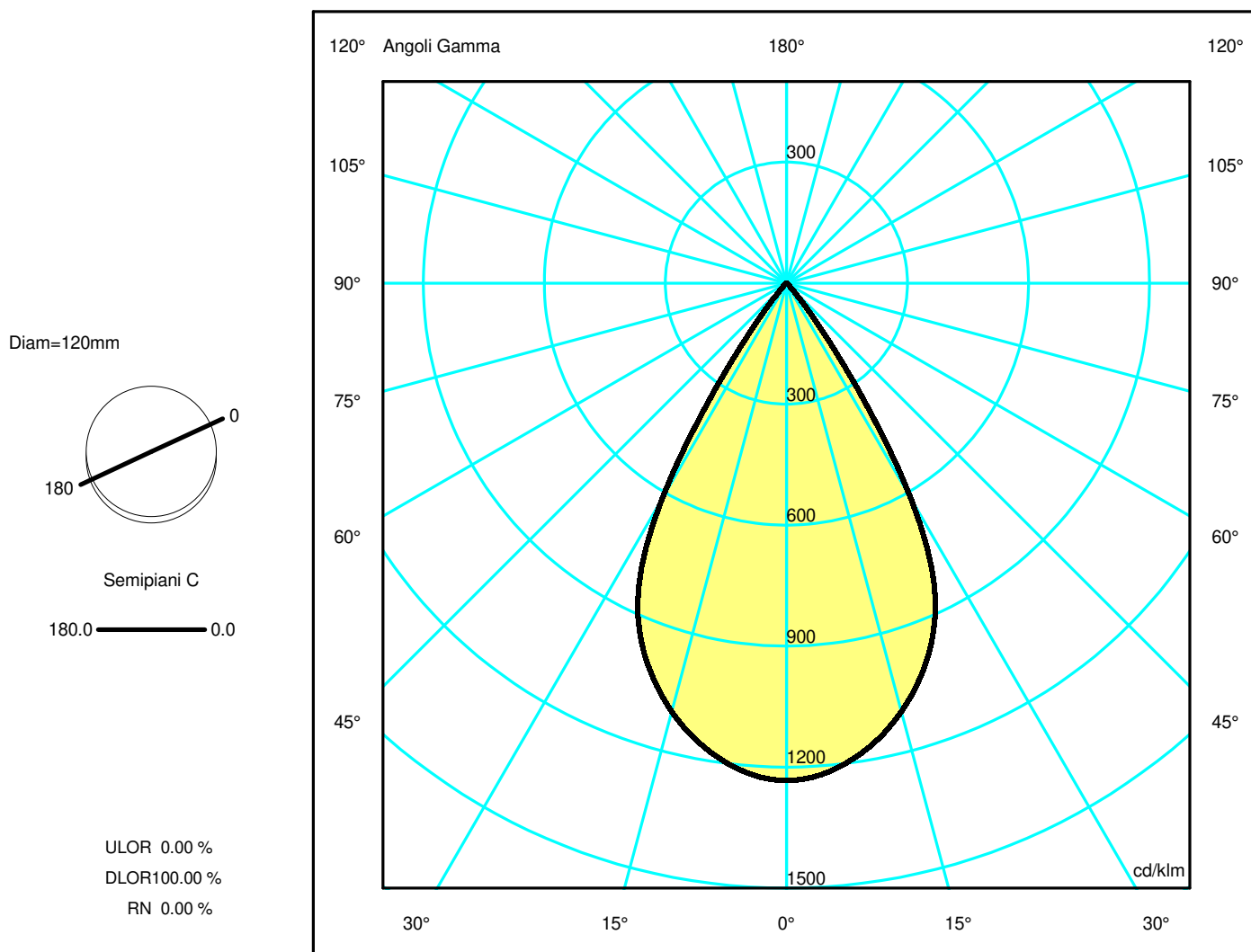
Luminaire

Code AX94504
Name HELGOLAND 120 FIX IP44 3000K XF NRO

Measurerm.

Code FTS2600057.
Name HELGOLAND 120 FIX IP44 3000K XF NRO

| | | | | | | | |
|--|---------|-----------------|----------------|-----------------------------|---------------|-----------------|-----------------|
| Luminaire Flux | 1180 lm | Luminaire Power | 8.5 W | Efficacy | 138.824 lm/W | Efficiency | 100.00% |
| Source Flux | 1180 lm | Maximum value | 1232.92 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 | | 1180 lm | |
| LED Flux=1546lm LED Power=8.5W Eff=76% EfcLed=182lm/W EfcLum=139lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h | | | | | | | |
| C.I.E. | 99 | 100 | 100 | 100 | D DIN 5040 | A60 | |
| F UTE | -- | | | | B NBN | BZ 1 | |



Luminaire

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Name HELGOLAND 120 FIX IP44 3000K XF NRO

Measurum.

Code FTS2600057.
Name HELGOLAND 120 FIX IP44 3000K XF NRO

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|----------------------------|---------|-------------------------|----------------|-----------------------------|---------------|-------------------------|-----------------|
| Luminaire Flux | 1180 lm | Luminaire Power | 8.5 W | Efficacy | 138.824 lm/W | Efficiency | 100.00% |
| Source Flux | 1180 lm | Maximum value | 1232.92 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 m ² | | Emitting area on Plane 180° | | 0.000000 m ² | |
| Emitting area on Plane 0° | | 0.000000 m ² | | Emitting area on Plane 270° | | 0.000000 m ² | |
| Emitting area on Plane 90° | | 0.000000 m ² | | Glare area at 76° | | 0.001505 m ² | |
| Coordinate system | | CG | | Symmetry Type | | Rotosymmetrical | |
| Date | | 03-12-2024 | | Maximum Gamma Angle | | 180 | |
| Measurement Distance | | 0.00 | | Measurement Flux | | 1180 lm | |

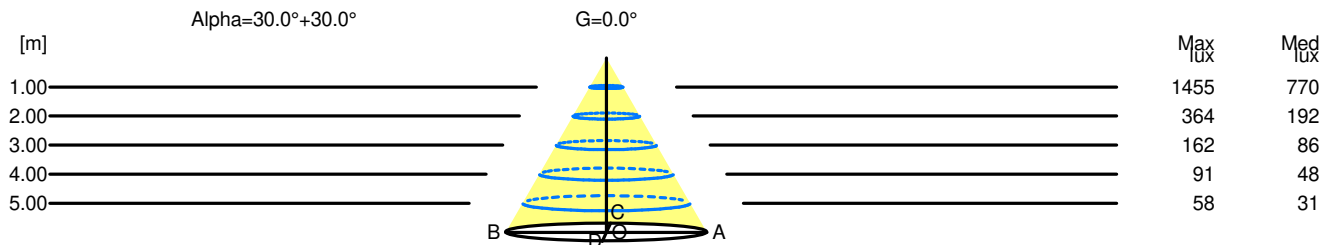
LED Flux=1546lm LED Power=8.5W Eff=76% EfcLed=182lm/W EfcLum=139lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h

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

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 | 0.58 | 1.15 | 1.73 | 2.31 | 2.89 | OC | 0.58 | 1.15 | 1.73 | 2.31 | 2.89 |
| OB | 0.58 | 1.15 | 1.73 | 2.31 | 2.89 | OD | 0.58 | 1.15 | 1.73 | 2.31 | 2.89 |

| | Luminous Intensities [cd/klm] | | | | | | | | | |
|----|---------------------------------|---------|---------|---------|--------|-------|------|------|------|------|
| | 0 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 |
| OA | 1454.85 | 1433.93 | 1297.52 | 1030.11 | 290.30 | 15.23 | 5.46 | 2.14 | 0.51 | 0.33 |
| OB | 1454.85 | 1433.93 | 1297.52 | 1030.11 | 290.30 | 15.23 | 5.46 | 2.14 | 0.51 | 0.33 |
| OC | 1454.85 | 1433.93 | 1297.52 | 1030.11 | 290.30 | 15.23 | 5.46 | 2.14 | 0.51 | 0.33 |
| OD | 1454.85 | 1433.93 | 1297.52 | 1030.11 | 290.30 | 15.23 | 5.46 | 2.14 | 0.51 | 0.33 |



| H[m] | D[m] | Max lux | Med lux | Alpha=30.0°+30.0° | G=0.0 |
|------|------|---------|---------|-------------------|-------|
| 1.00 | 1.15 | 1455 | 770 | | |
| 2.00 | 2.31 | 364 | 192 | | |
| 3.00 | 3.46 | 162 | 86 | | |
| 4.00 | 4.62 | 91 | 48 | | |
| 5.00 | 5.77 | 58 | 31 | | |