

## Luminaire

Code AX92804  
Name HELGOLAND 90 FIX IP44 2700K FL NRO

## Measurement

Code FTS2600070.  
Name HELGOLAND 90 FIX IP44 2700K FL NRO

Luminaire Flux	676 lm	Luminaire Power	6.0 W	Efficacy	112.667 lm/W	Efficiency	100.00%
Source Flux	676 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		676 lm	
LED Flux=1019lm LED Power=6W Eff=66% EfcLed=170lm/W EfcLum=113lm/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



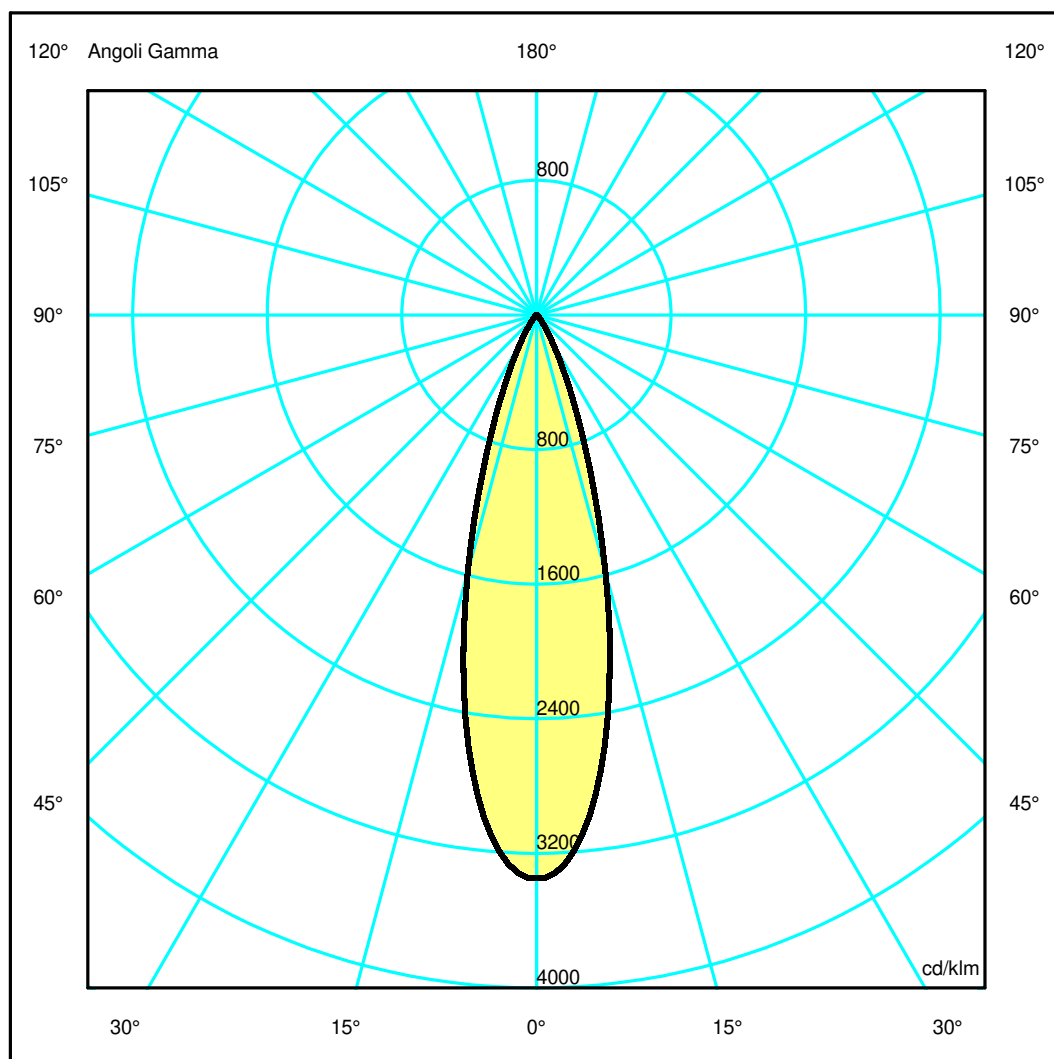
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



## Luminaire

Code AX92804  
Name HELGOLAND 90 FIX IP44 2700K FL NRO

## Measurem.

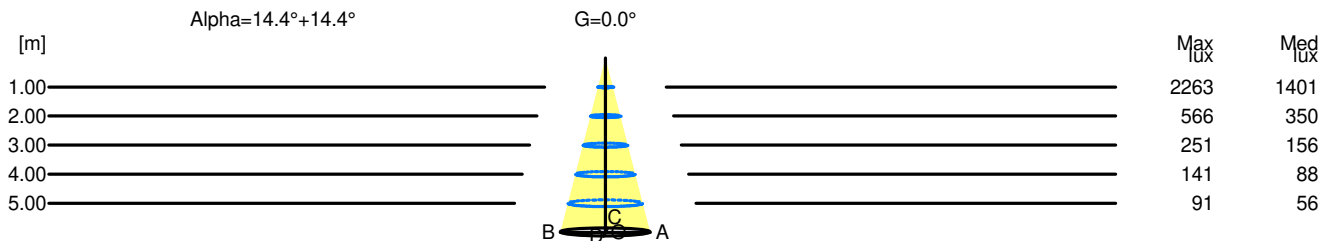
Code FTS2600070.  
Name HELGOLAND 90 FIX IP44 2700K FL NRO

Luminaire Flux	676 lm	Luminaire Power	6.0 W	Efficacy	112.667 lm/W	Efficiency	100.00%
Source Flux	676 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		676 lm	
LED Flux=1019lm LED Power=6W Eff=66% EfcLed=170lm/W EfcLum=113lm/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	2262.92	2097.68	1068.31	286.39	59.42	13.90	6.56	3.59	1.24	0.22
OB	2262.92	2097.68	1068.31	286.39	59.42	13.90	6.56	3.59	1.24	0.22
OC	2262.92	2097.68	1068.31	286.39	59.42	13.90	6.56	3.59	1.24	0.22
OD	2262.92	2097.68	1068.31	286.39	59.42	13.90	6.56	3.59	1.24	0.22



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.52	2263	1401		
2.00	1.03	566	350		
3.00	1.55	251	156		
4.00	2.06	141	88		
5.00	2.58	91	56		