

Luminaire

Code AX05501
Name HELGOLAND 90 FIX 4000K FL BCO

Measurement

Code FTS2600019.
Name HELGOLAND 90 FIX 4000K FL BCO

Luminaire Flux	873 lm	Luminaire Power	6.0 W	Efficacy	145.500 lm/W	Efficiency	100.00%
Source Flux	873 lm	Maximum value	2961.35 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		02-04-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		873 lm	
LED Flux=1081lm LED Power=6W Eff=81% EfcLed=180lm/W EfcLum=146lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	88 96 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

Diam=90mm



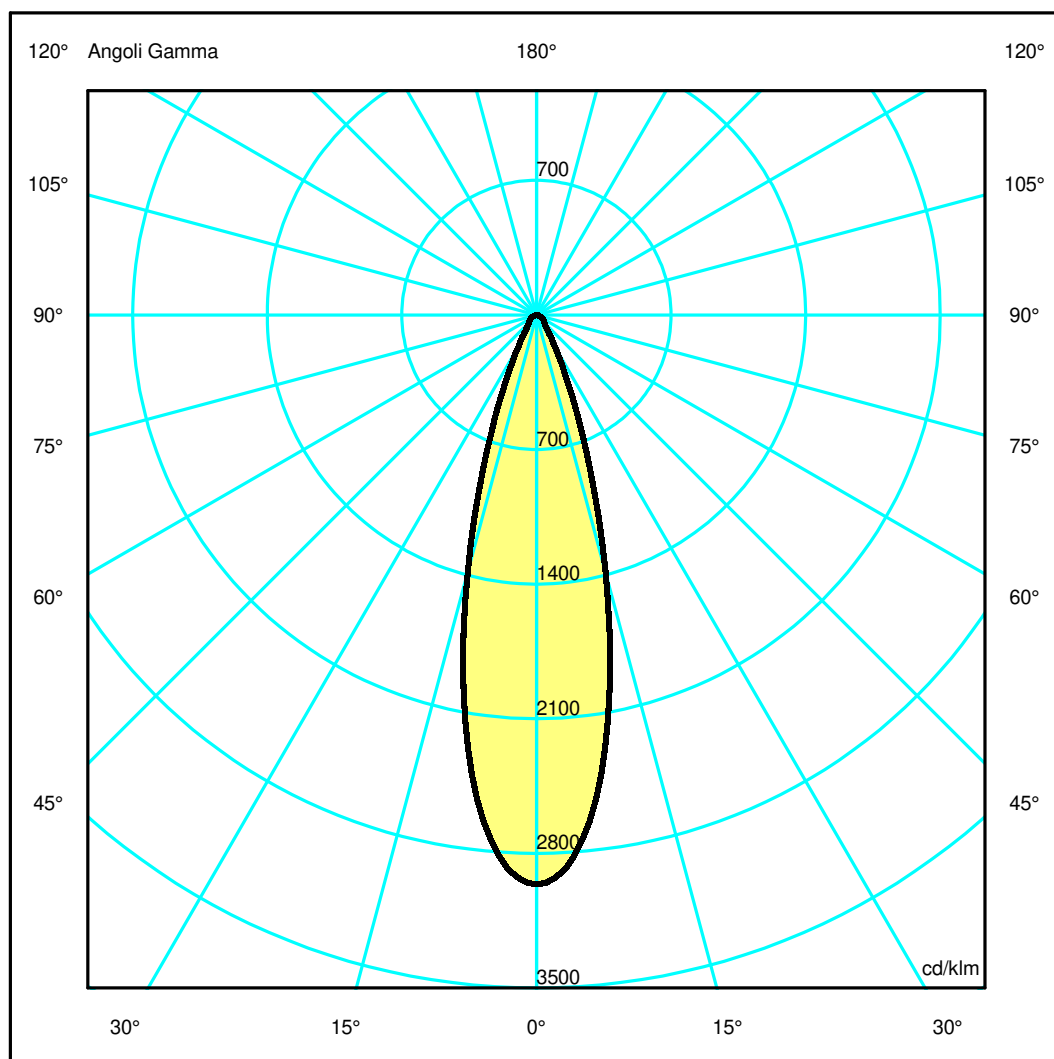
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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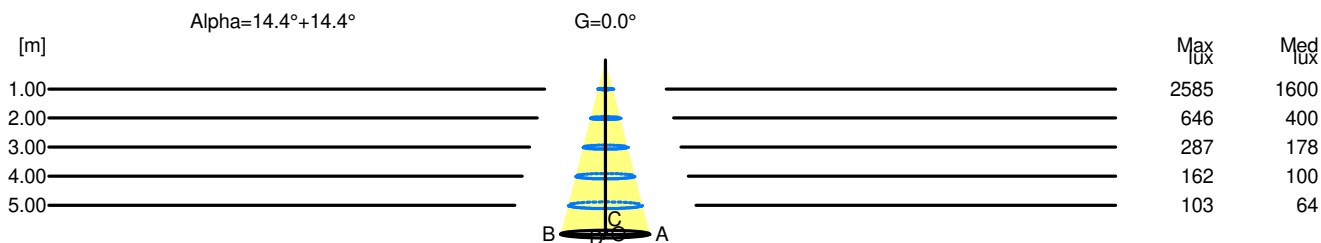
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F UTE	1.00 A			B NBN	BZ 1		

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	0.51	0.77	1.02	1.28	OC	0.26	0.51	0.77	1.02	1.28
OB	0.26	0.51	0.77	1.02	1.28	OD	0.26	0.51	0.77	1.02	1.28

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2585.26	2391.56	1210.40	334.35	94.12	49.48	37.42	23.00	10.77	2.55
OB	2585.26	2391.56	1210.40	334.35	94.12	49.48	37.42	23.00	10.77	2.55
OC	2585.26	2391.56	1210.40	334.35	94.12	49.48	37.42	23.00	10.77	2.55
OD	2585.26	2391.56	1210.40	334.35	94.12	49.48	37.42	23.00	10.77	2.55



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.51	2585	1600		
2.00	1.02	646	400		
3.00	1.54	287	178		
4.00	2.05	162	100		
5.00	2.56	103	64		