

Luminaire

Code AX06001
Name HELGOLAND 90 FIX 2700K FL BCO

Measurement

Code FTS2600043.
Name HELGOLAND 90 FIX 2700K FL BCO

Luminaire Flux	823 lm	Luminaire Power	6.0 W	Efficacy	137.167 lm/W	Efficiency	100.00%
Source Flux	823 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		823 lm	
LED Flux=1019lm LED Power=6W Eff=81% EfcLed=170lm/W EfcLum=137lm/W CCT=2700K 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



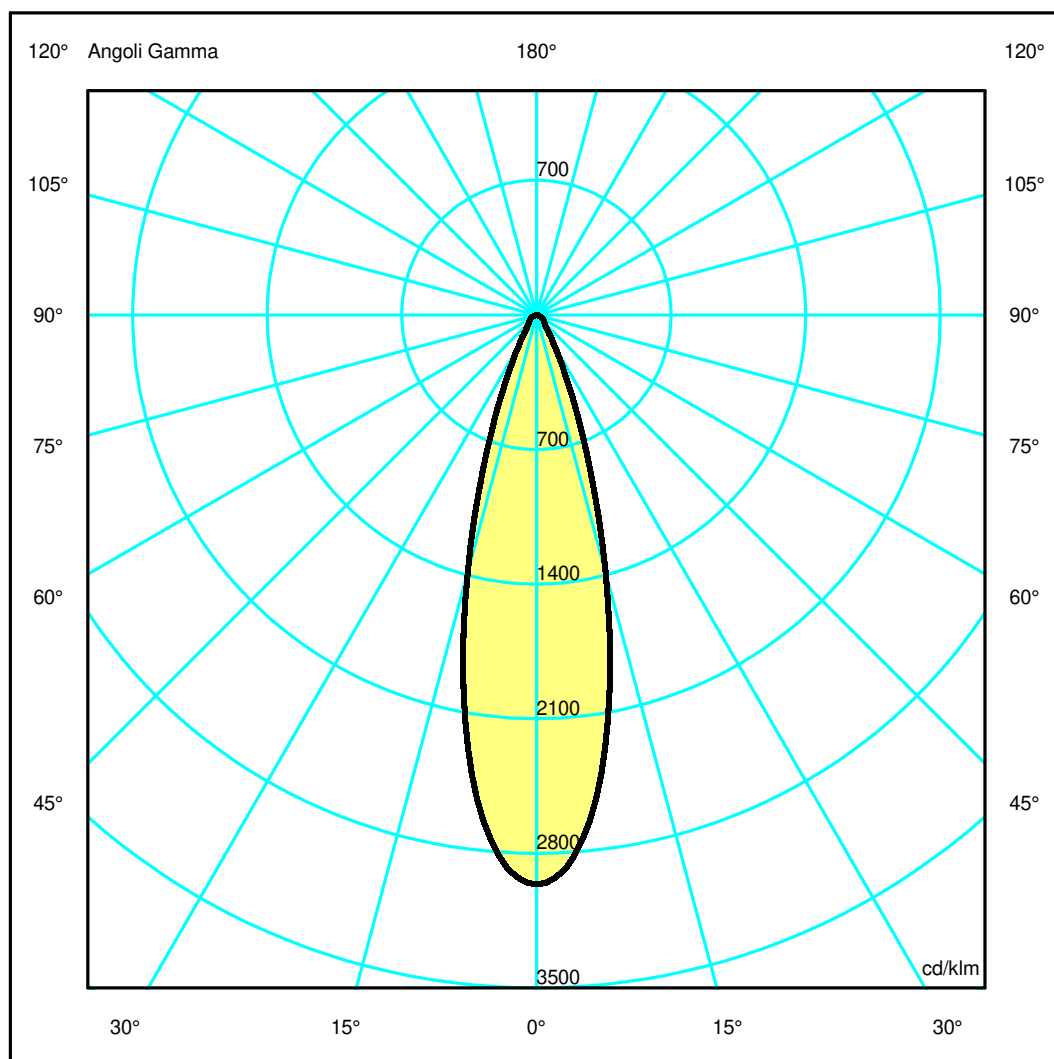
Semipiani C

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Measurem.

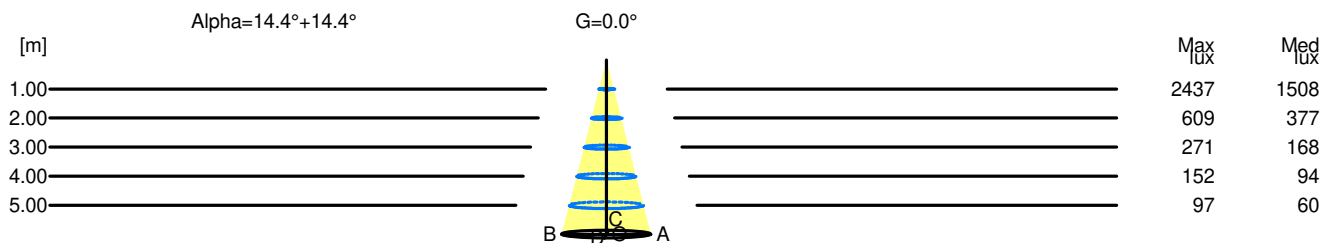
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F UTE	1.00 A			B NBN	BZ 1		

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	2437.19	2254.59	1141.08	315.20	88.73	46.65	35.27	21.69	10.15	2.40
OB	2437.19	2254.59	1141.08	315.20	88.73	46.65	35.27	21.69	10.15	2.40
OC	2437.19	2254.59	1141.08	315.20	88.73	46.65	35.27	21.69	10.15	2.40
OD	2437.19	2254.59	1141.08	315.20	88.73	46.65	35.27	21.69	10.15	2.40



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.51	2437	1508		
2.00	1.02	609	377		
3.00	1.54	271	168		
4.00	2.05	152	94		
5.00	2.56	97	60		