

Luminaire

Code AX05601
Name HELGOLAND 90 FIX 2700K WF BCO

Measurement

Code FTS2600044.
Name HELGOLAND 90 FIX 2700K WF BCO

Luminaire Flux	905 lm	Luminaire Power	6.0 W	Efficacy	150.833 lm/W	Efficiency	100.00%
Source Flux	905 lm	Maximum value	2335.45 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		905 lm	
LED Flux=1019lm LED Power=6W Eff=89% EfcLed=170lm/W EfcLum=151lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	93 97 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

Diam=90mm



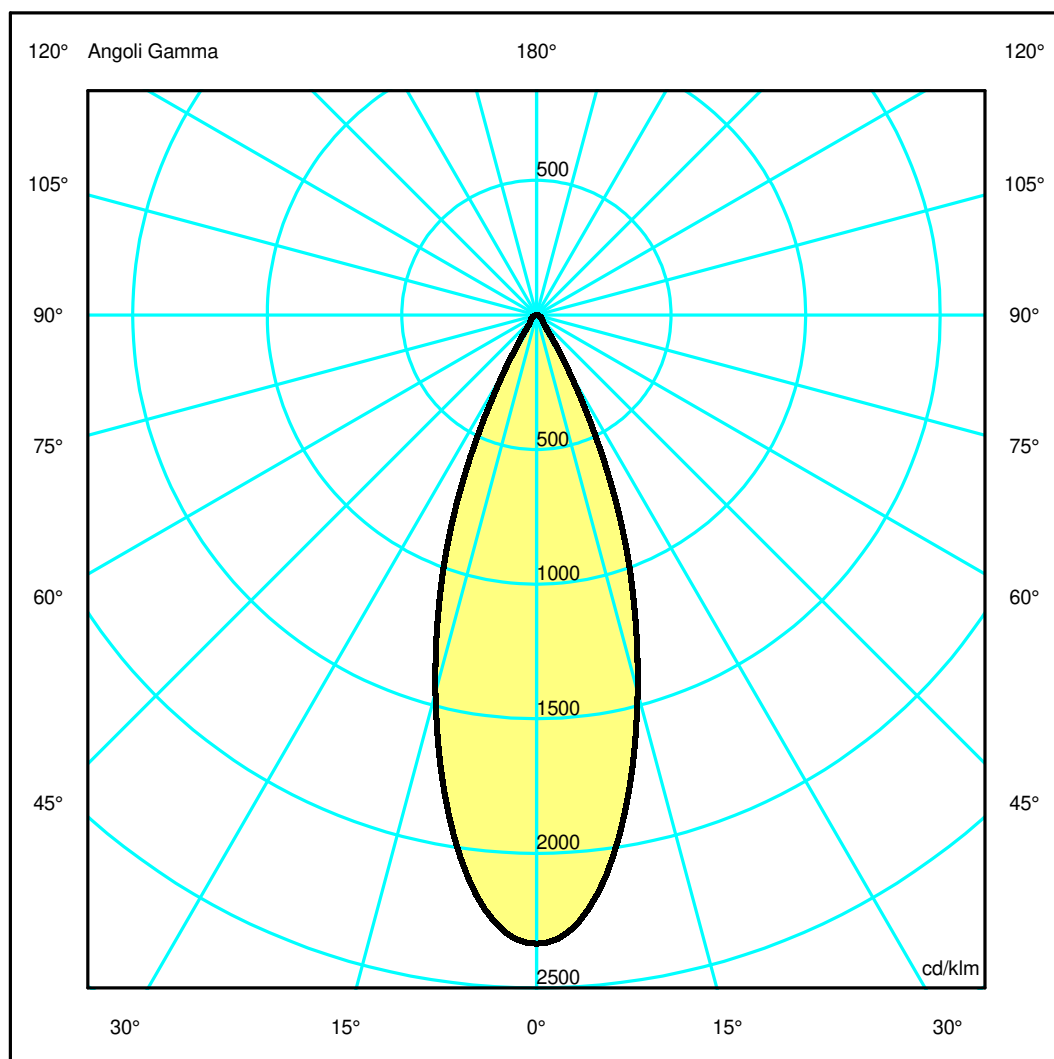
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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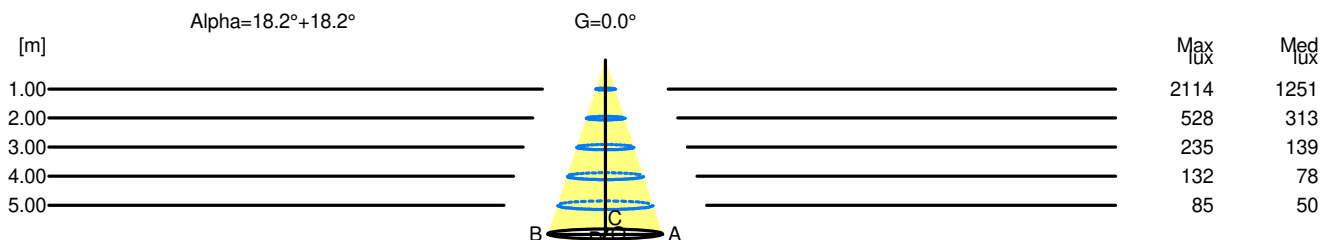
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F UTE	1.00 A			B NBN	BZ 1		

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	0.33	0.66	0.99	1.32	1.65	OC	0.33	0.66	0.99	1.32	1.65
OB	0.33	0.66	0.99	1.32	1.65	OD	0.33	0.66	0.99	1.32	1.65

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2113.58	2004.76	1314.60	529.52	73.36	29.22	21.80	14.99	7.96	2.18
OB	2113.58	2004.76	1314.60	529.52	73.36	29.22	21.80	14.99	7.96	2.18
OC	2113.58	2004.76	1314.60	529.52	73.36	29.22	21.80	14.99	7.96	2.18
OD	2113.58	2004.76	1314.60	529.52	73.36	29.22	21.80	14.99	7.96	2.18



H[m]	D[m]	Max lux	Med lux	Alpha=18.2°+18.2°	G=0.0
1.00	0.66	2114	1251		
2.00	1.32	528	313		
3.00	1.98	235	139		
4.00	2.64	132	78		
5.00	3.30	85	50		