

Luminaire

Code AX93101
Name HELGOLAND 90 FIX IP44 4000K FL BCO

Measurem.

Code FTS2600082.
Name HELGOLAND 90 FIX IP44 4000K FL BCO

Luminaire Flux	829 lm	Luminaire Power	6.0 W	Efficacy	138.167 lm/W	Efficiency	100.00%
Source Flux	829 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		829 lm	
LED Flux=1081lm LED Power=6W Eff=77% EfcLed=180lm/W EfcLum=138lm/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



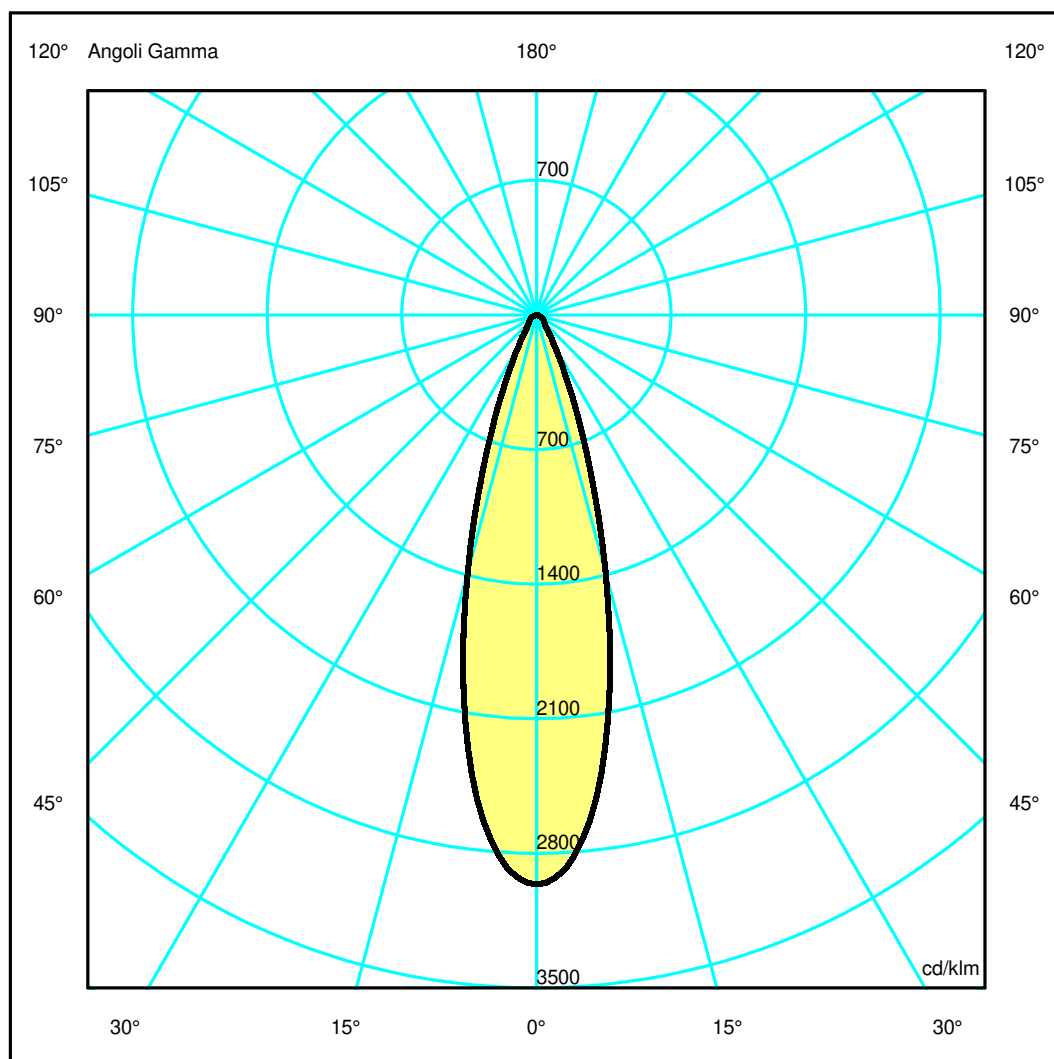
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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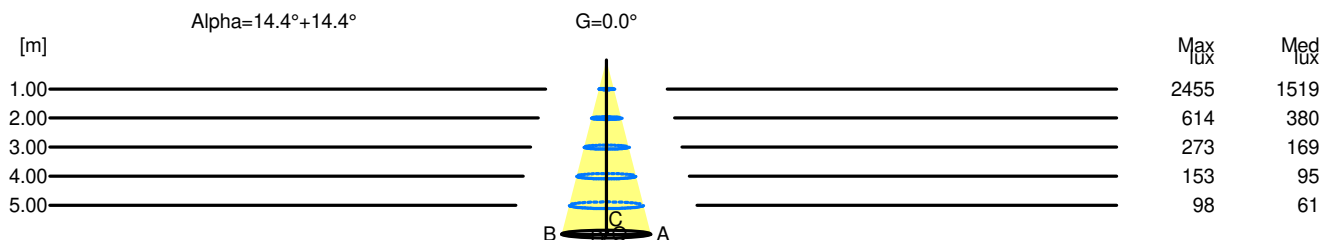
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Width at 50.00 % of Max Intensity

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	2454.96	2271.03	1149.40	317.50	89.38	46.99	35.53	21.84	10.22	2.42
OB	2454.96	2271.03	1149.40	317.50	89.38	46.99	35.53	21.84	10.22	2.42
OC	2454.96	2271.03	1149.40	317.50	89.38	46.99	35.53	21.84	10.22	2.42
OD	2454.96	2271.03	1149.40	317.50	89.38	46.99	35.53	21.84	10.22	2.42



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.51	2455	1519		
2.00	1.02	614	380		
3.00	1.54	273	169		
4.00	2.05	153	95		
5.00	2.56	98	61		