

Luminaire

Code AX92801
Name HELGOLAND 90 FIX IP44 2700K FL BCO

Measurement

Code FTS2600094.
Name HELGOLAND 90 FIX IP44 2700K FL BCO

Luminaire Flux	775 lm	Luminaire Power	6.0 W	Efficacy	129.167 lm/W	Efficiency	100.00%
Source Flux	775 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		775 lm	
LED Flux=1019lm LED Power=6W Eff=76% EfcLed=170lm/W EfcLum=129lm/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		

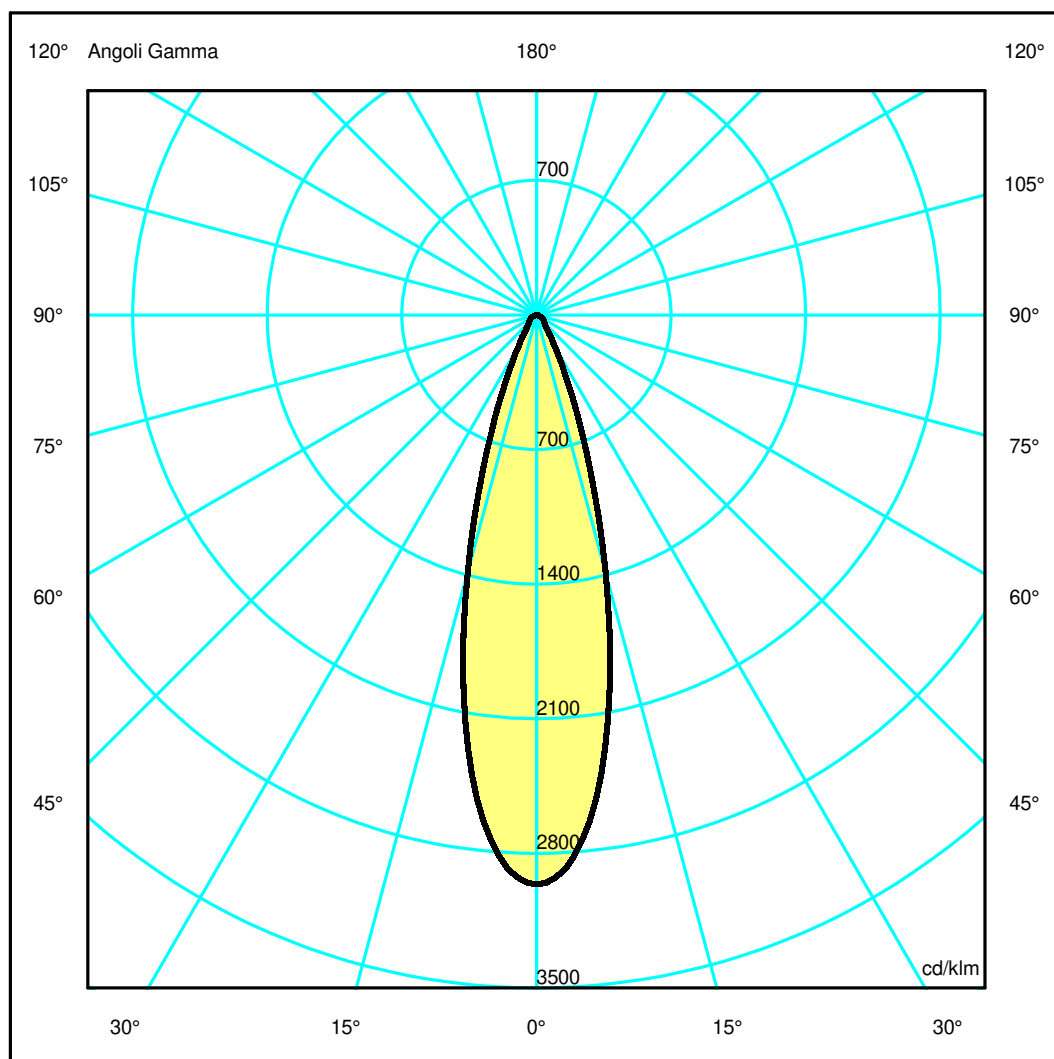
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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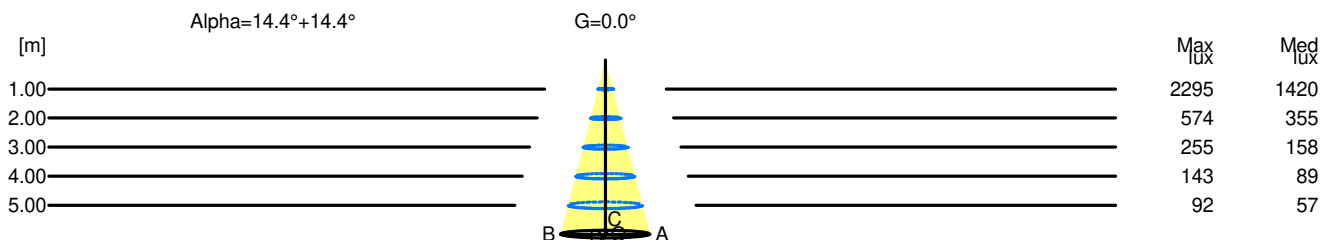
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F UTE	1.00 A			B NBN	BZ 1		

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	2295.05	2123.09	1074.53	296.82	83.56	43.93	33.22	20.42	9.56	2.26
OB	2295.05	2123.09	1074.53	296.82	83.56	43.93	33.22	20.42	9.56	2.26
OC	2295.05	2123.09	1074.53	296.82	83.56	43.93	33.22	20.42	9.56	2.26
OD	2295.05	2123.09	1074.53	296.82	83.56	43.93	33.22	20.42	9.56	2.26



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.51	2295	1420		
2.00	1.02	574	355		
3.00	1.54	255	158		
4.00	2.05	143	89		
5.00	2.56	92	57		