

## Luminaire

Code AX07111  
Name HELGOLAND 90 ADJ 4000K WF BCO/BCO

## Measurement

Code FTS2600020.  
Name HELGOLAND 90 ADJ 4000K WF BCO/BCO

Luminaire Flux	960 lm	Luminaire Power	6.0 W	Efficacy	160.000 lm/W	Efficiency	100.00%
Source Flux	960 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 m <sup>2</sup>		Emitting area on Plane 180°		0.000000 m <sup>2</sup>	
Emitting area on Plane 0°		0.000000 m <sup>2</sup>		Emitting area on Plane 270°		0.000000 m <sup>2</sup>	
Emitting area on Plane 90°		0.000000 m <sup>2</sup>		Glare area at 76°		0.000778 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		02-04-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		960 lm	
LED Flux=1081lm LED Power=6W Eff=89% EfcLed=180lm/W EfcLum=160lm/W CCT=4000K 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		

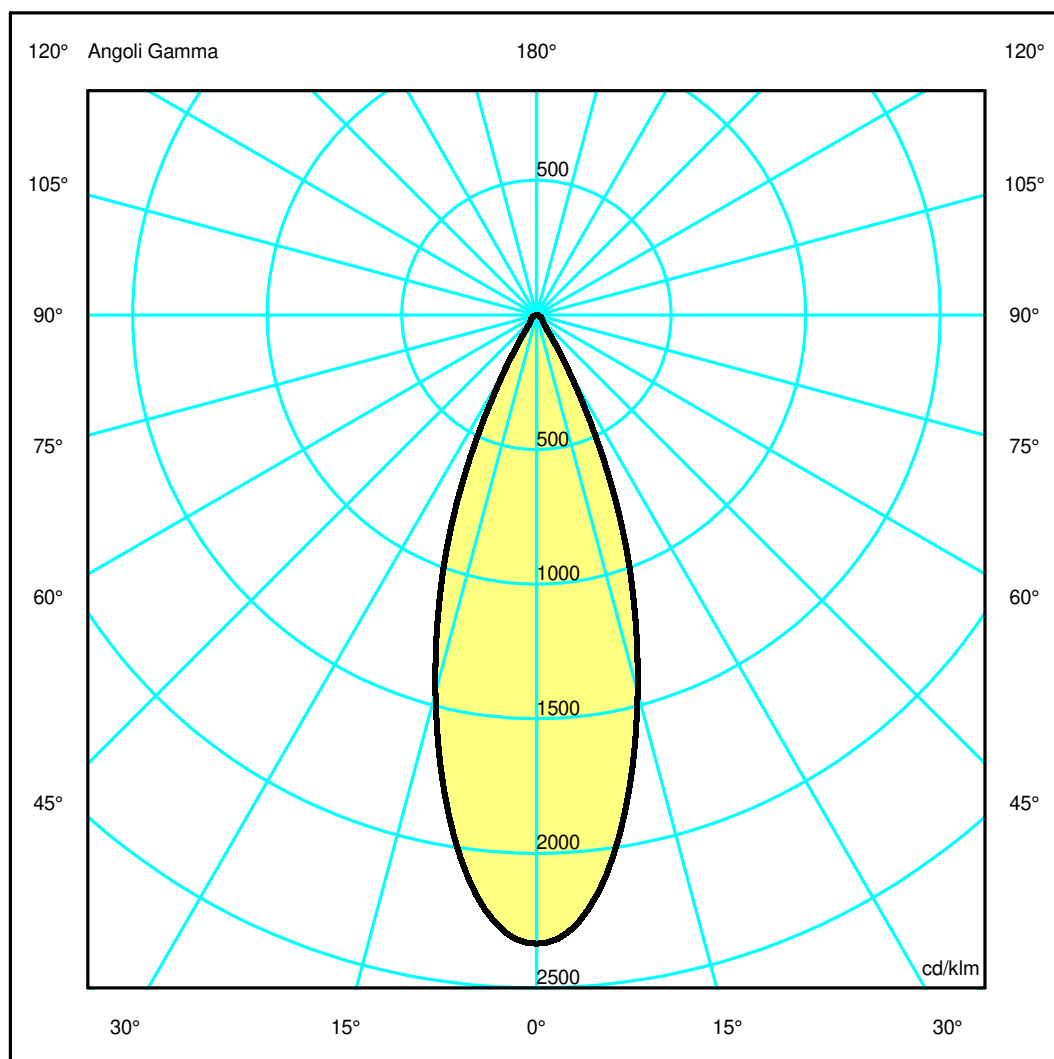
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



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## Measurem.

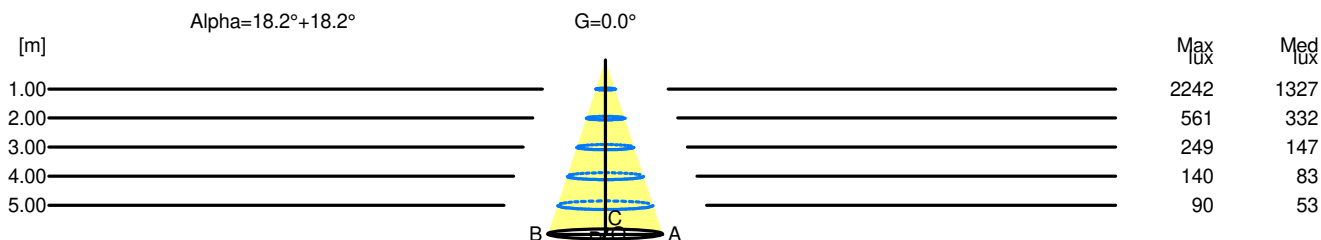
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Round Luminaire		Diam.	90 mm	Height	12 mm		
Round Luminous Area		Diam.	64 mm	Height	0 mm		
Horizontal Luminous Area		0.003217 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 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		960 lm	
LED Flux=1081lm LED Power=6W Eff=89% EfcLed=180lm/W EfcLum=160lm/W CCT=4000K 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		

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	2242.03	2126.59	1394.49	561.70	77.82	30.99	23.12	15.91	8.45	2.31
OB	2242.03	2126.59	1394.49	561.70	77.82	30.99	23.12	15.91	8.45	2.31
OC	2242.03	2126.59	1394.49	561.70	77.82	30.99	23.12	15.91	8.45	2.31
OD	2242.03	2126.59	1394.49	561.70	77.82	30.99	23.12	15.91	8.45	2.31



H[m]	D[m]	Max lux	Med lux	Alpha=18.2°+18.2°	G=0.0
1.00	0.66	2242	1327		
2.00	1.32	561	332		
3.00	1.98	249	147		
4.00	2.64	140	83		
5.00	3.30	90	53		