

## Luminaire

Code AX00304  
Name HELGOLAND 60 FIX 4000K XF NRO

## Measurerm.

Code FTS2400499  
Name HELGOLAND 60 FIX 4000K XF NRO

Luminaire Flux	367 lm	Luminaire Power	2.6 W	Efficacy	141.154 lm/W	Efficiency	100.00%
Source Flux	367 lm	Maximum value	1337.89 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	60 mm	Height	12 mm		
Round Luminous Area		Diam.	37 mm	Height	0 mm		
Horizontal Luminous Area		0.001075 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°		0.000260 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		03-12-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		367 lm	
LED Flux=456lm LED Power=2.6W Eff=80% EfcLed=175lm/W EfcLum=141lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	99	100	100	100	D DIN 5040	A60	
F UTE	--				B NBN	BZ 1	

Diam=60mm



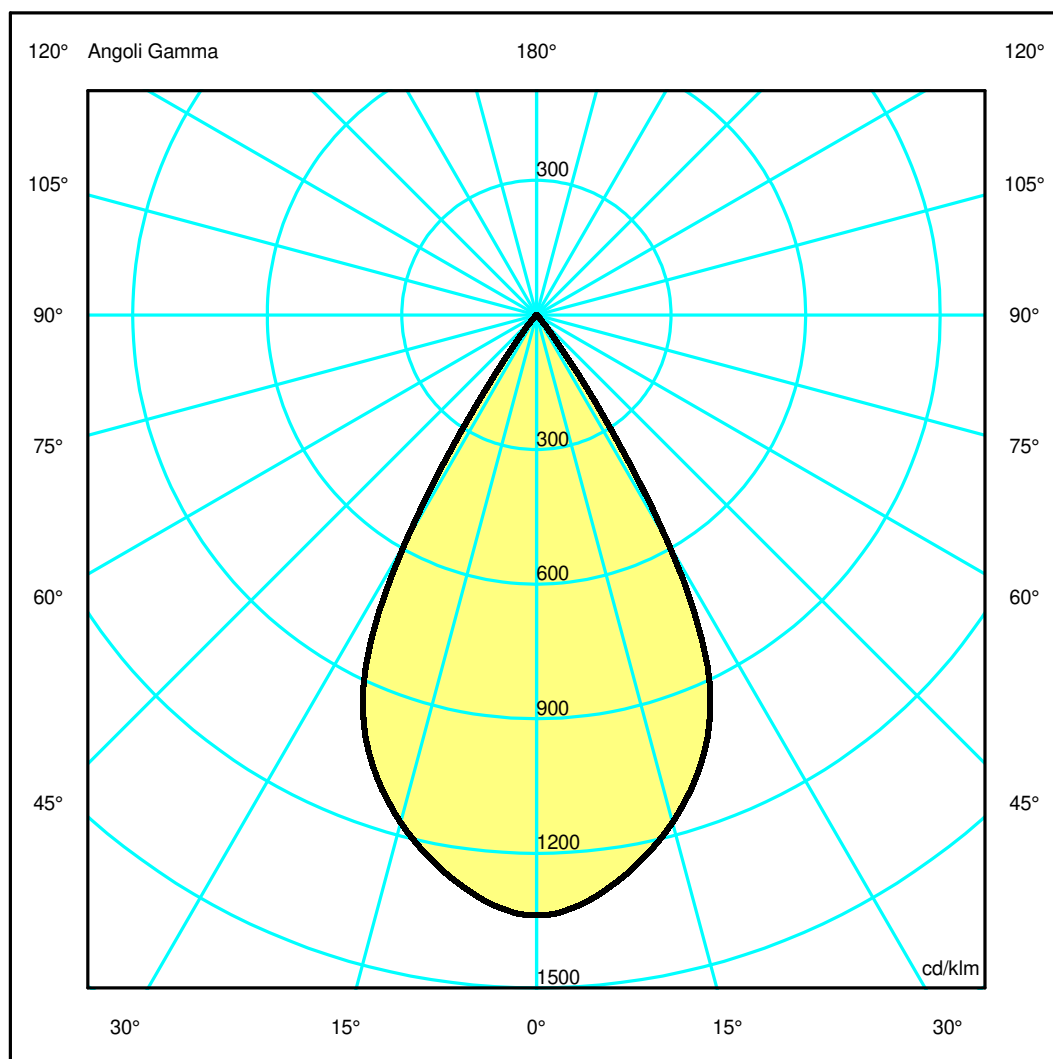
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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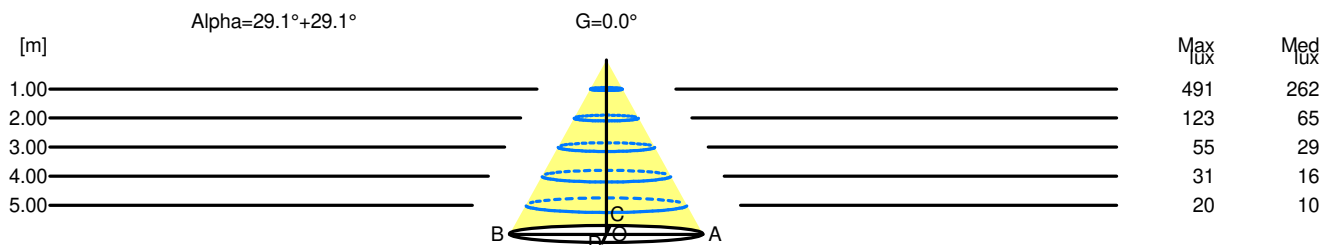
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Round Luminous Area		Diam.	37 mm	Height	0 mm		
Horizontal Luminous Area		0.001075 m <sup>2</sup>		Emitting area on Plane 180°		0.000000 m <sup>2</sup>	
Emitting area on Plane 0°		0.000000 m <sup>2</sup>		Emitting area on Plane 270°		0.000000 m <sup>2</sup>	
Emitting area on Plane 90°		0.000000 m <sup>2</sup>		Glare area at 76°		0.000260 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
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Measurement Distance		0.00		Measurement Flux		367 lm	
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C.I.E.	99 100 100 100 100			D DIN 5040	A60		
F UTE	--			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	0.56	1.11	1.67	2.22	2.78	OC	0.56	1.11	1.67	2.22	2.78
OB	0.56	1.11	1.67	2.22	2.78	OD	0.56	1.11	1.67	2.22	2.78

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	491.01	481.21	429.62	335.52	60.52	3.33	1.13	0.50	0.24	0.20
OB	491.01	481.21	429.62	335.52	60.52	3.33	1.13	0.50	0.24	0.20
OC	491.01	481.21	429.62	335.52	60.52	3.33	1.13	0.50	0.24	0.20
OD	491.01	481.21	429.62	335.52	60.52	3.33	1.13	0.50	0.24	0.20



H[m]	D[m]	Max lux	Med lux	Alpha=29.1°+29.1°	G=0.0
1.00	1.11	491	262		
2.00	2.22	123	65		
3.00	3.33	55	29		
4.00	4.44	31	16		
5.00	5.55	20	10		