

Luminaire

Code AX94104
Name HELGOLAND 120 FIX IP44 3000K WF NRO

Measurement

Code FTS2600056
Name HELGOLAND 120 FIX IP44 3000K WF NRO

Luminaire Flux	1213 lm	Luminaire Power	8.5 W	Efficacy	142.706 lm/W	Efficiency	100.00%
Source Flux	1213 lm	Maximum value	2336.93 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	120 mm	Height	12 mm		
Round Luminous Area		Diam.	89 mm	Height	0 mm		
Horizontal Luminous Area		0.006221 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°		0.001505 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		03-12-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1213 lm	
LED Flux=1546lm LED Power=8.5W Eff=78% EfcLed=182lm/W EfcLum=143lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	99	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

Diam=120mm



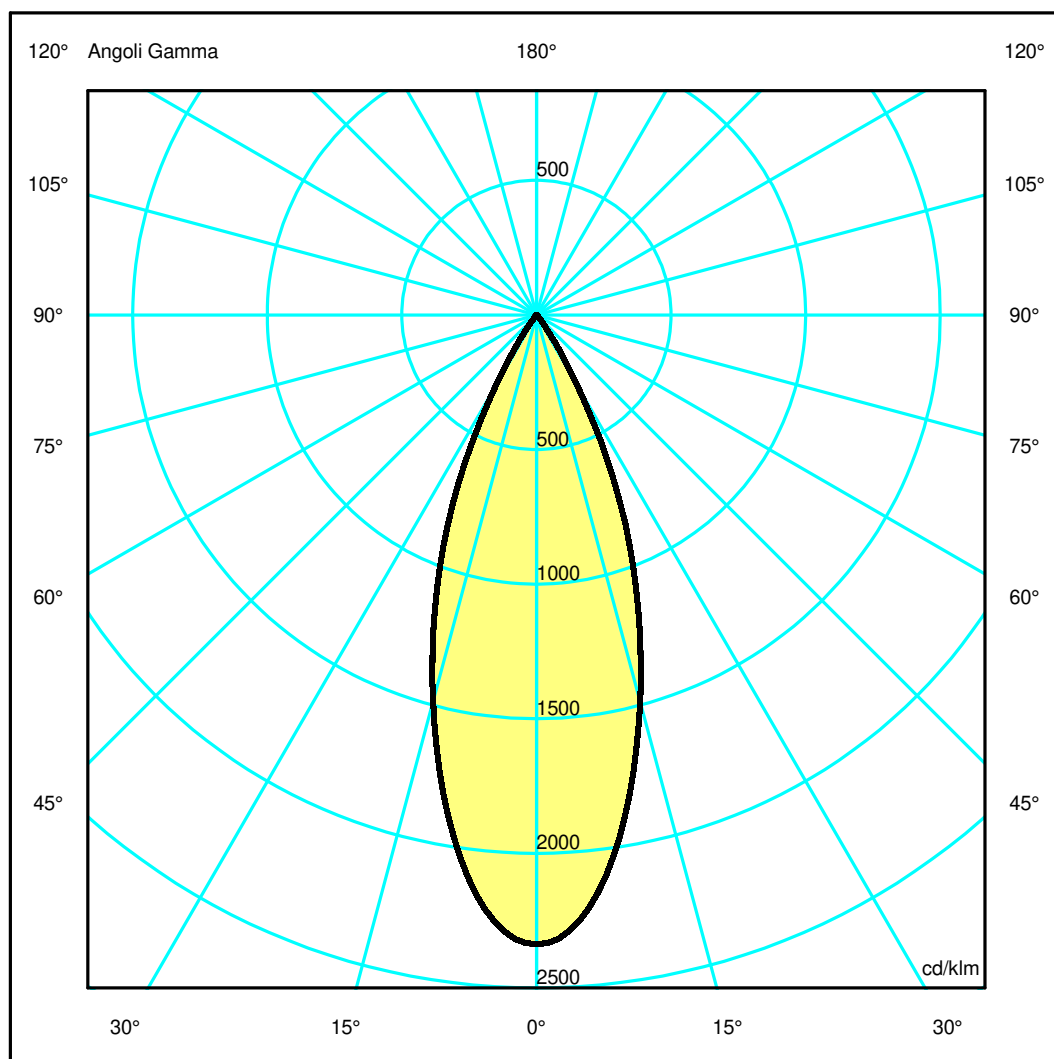
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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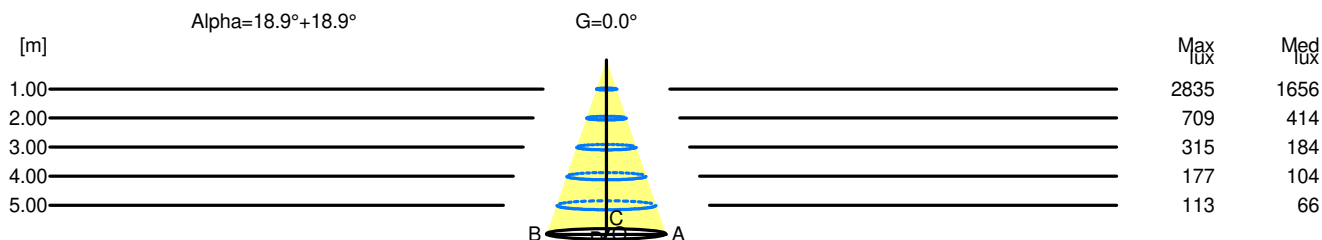
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C.I.E.	99	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

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	0.34	0.69	1.03	1.37	1.71	OC	0.34	0.69	1.03	1.37	1.71
OB	0.34	0.69	1.03	1.37	1.71	OD	0.34	0.69	1.03	1.37	1.71

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2834.70	2685.90	1803.10	830.38	108.11	10.80	5.59	2.91	1.03	0.31
OB	2834.70	2685.90	1803.10	830.38	108.11	10.80	5.59	2.91	1.03	0.31
OC	2834.70	2685.90	1803.10	830.38	108.11	10.80	5.59	2.91	1.03	0.31
OD	2834.70	2685.90	1803.10	830.38	108.11	10.80	5.59	2.91	1.03	0.31



H[m]	D[m]	Max lux	Med lux	Alpha=18.9°+18.9°	G=0.0
1.00	0.69	2835	1656		
2.00	1.37	709	414		
3.00	2.06	315	184		
4.00	2.74	177	104		
5.00	3.43	113	66		