

Luminaire

Code AX10904
Name HELGOLAND 120 FIX 3500K XF NRO

Measurement

Code FTS2500102
Name HELGOLAND 120 FIX 3500K XF NRO

Luminaire Flux	1243 lm	Luminaire Power	8.5 W	Efficacy	146.235 lm/W	Efficiency	100.00%
Source Flux	1243 lm	Maximum value	1232.92 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		1243 lm	
LED Flux=1546lm LED Power=8.5W Eff=80% EfcLed=182lm/W EfcLum=146lm/W CCT=3500K 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



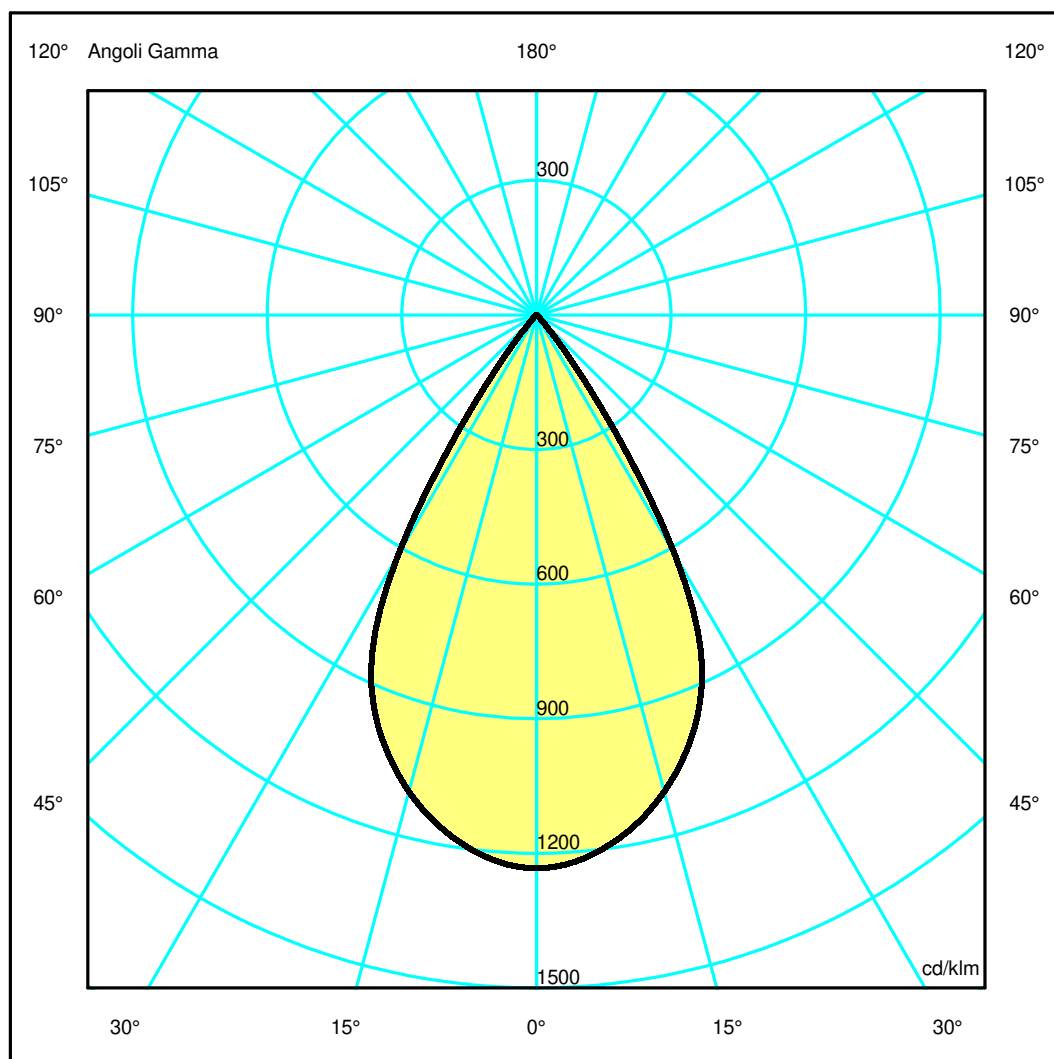
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Measur.

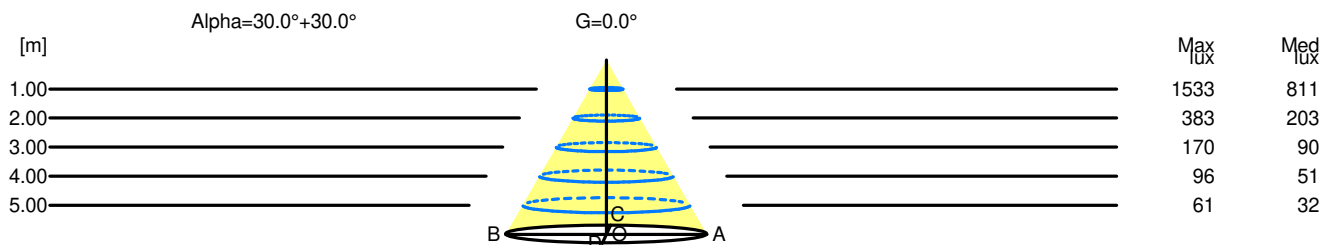
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C.I.E.	99	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

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	0.58	1.15	1.73	2.31	2.89	OC	0.58	1.15	1.73	2.31	2.89
OB	0.58	1.15	1.73	2.31	2.89	OD	0.58	1.15	1.73	2.31	2.89

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1532.53	1510.49	1366.79	1085.11	305.79	16.05	5.75	2.25	0.54	0.34
OB	1532.53	1510.49	1366.79	1085.11	305.79	16.05	5.75	2.25	0.54	0.34
OC	1532.53	1510.49	1366.79	1085.11	305.79	16.05	5.75	2.25	0.54	0.34
OD	1532.53	1510.49	1366.79	1085.11	305.79	16.05	5.75	2.25	0.54	0.34



H[m]	D[m]	Max lux	Med lux	Alpha=30.0°+30.0°	G=0.0
1.00	1.15	1533	811		
2.00	2.31	383	203		
3.00	3.46	170	90		
4.00	4.62	96	51		
5.00	5.77	61	32		