

Luminaire

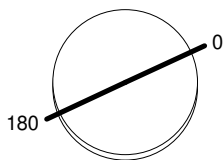
Code AX15904
Name HELGOLAND 160 FIX 3500K XF NRO

Measurement

Code FTS2500105
Name HELGOLAND 160 FIX 3500K XF NRO

Luminaire Flux	2463 lm	Luminaire Power	17.0 W	Efficacy	144.882 lm/W	Efficiency	100.00%
Source Flux	2463 lm	Maximum value	1308.00 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	160 mm	Height	12 mm		
Round Luminous Area		Diam.	127 mm	Height	0 mm		
Horizontal Luminous Area		0.012668 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°		0.003065 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		03-12-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2463 lm	
LED Flux=3064lm LED Power=17W Eff=80% EfcLed=180lm/W EfcLum=145lm/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=160mm



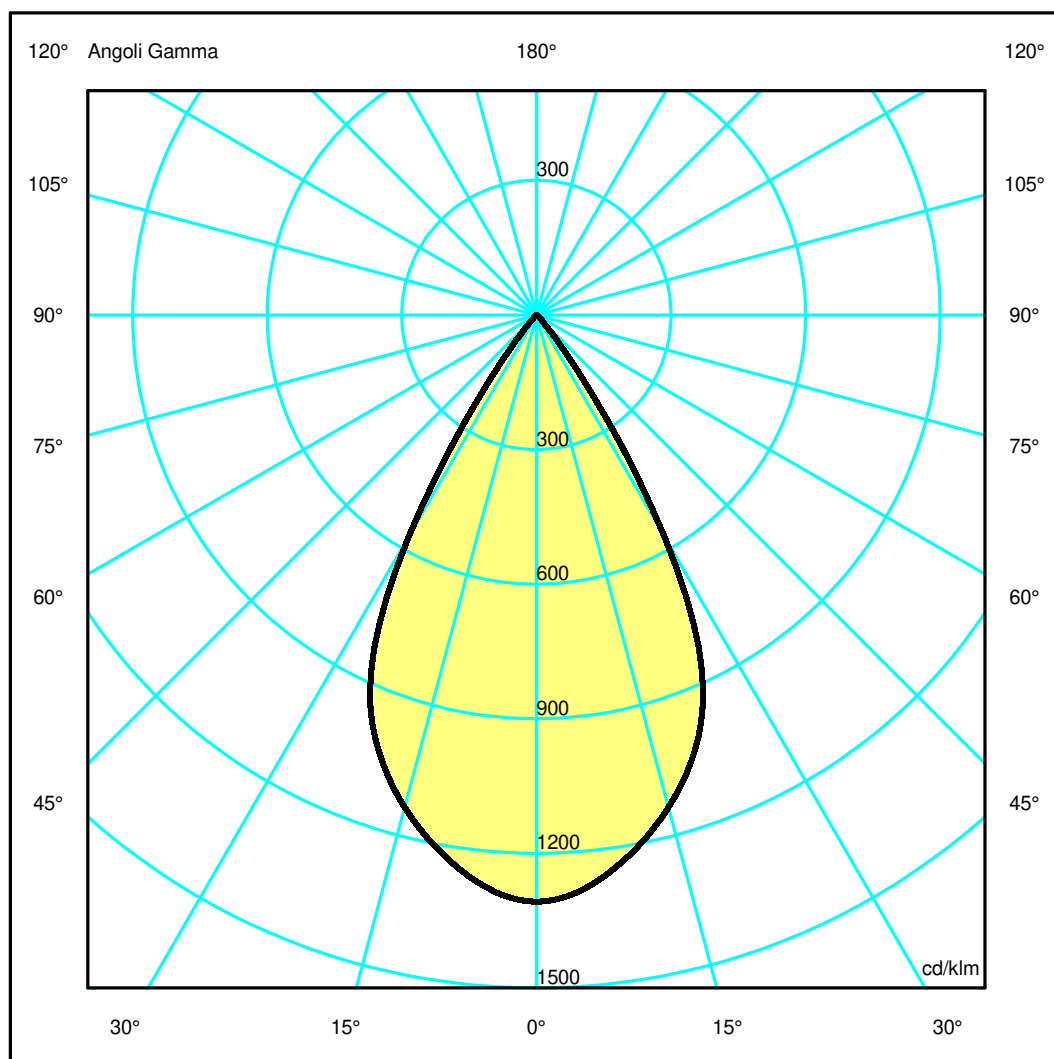
Semipiani C

180.0 — 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Measurem.

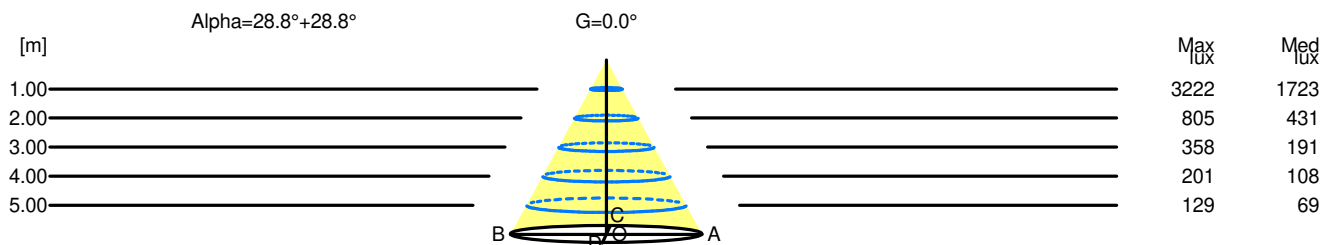
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C.I.E.	99	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

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	0.55	1.10	1.65	2.20	2.75	OC	0.55	1.10	1.65	2.20	2.75
OB	0.55	1.10	1.65	2.20	2.75	OD	0.55	1.10	1.65	2.20	2.75

	Luminous Intensities [cd/klm]										
	0	5	15	25	35	45	55	65	75	85	
OA	3221.61	3154.51	2798.08	2146.65	542.54	36.23	14.61	5.44	0.99	0.57	
OB	3221.61	3154.51	2798.08	2146.65	542.54	36.23	14.61	5.44	0.99	0.57	
OC	3221.61	3154.51	2798.08	2146.65	542.54	36.23	14.61	5.44	0.99	0.57	
OD	3221.61	3154.51	2798.08	2146.65	542.54	36.23	14.61	5.44	0.99	0.57	



H[m]	D[m]	Max lux	Med lux	Alpha=28.8°+28.8°	G=0.0
1.00	1.10	3222	1723		
2.00	2.20	805	431		
3.00	3.30	358	191		
4.00	4.40	201	108		
5.00	5.50	129	69		