

Luminaire

Code AX93104
Name HELGOLAND 90 FIX IP44 4000K FL NRO

Measurement

Code FTS2600058.
Name HELGOLAND 90 FIX IP44 4000K FL NRO

Luminaire Flux	718 lm	Luminaire Power	6.0 W	Efficacy	119.667 lm/W	Efficiency	100.00%
Source Flux	718 lm	Maximum value	3347.51 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 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		03-12-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		718 lm	
LED Flux=1081lm LED Power=6W Eff=66% EfcLed=180lm/W EfcLum=120lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	97 99 100 100 100			D DIN 5040	A60		
F UTE	--			B NBN	BZ 1		

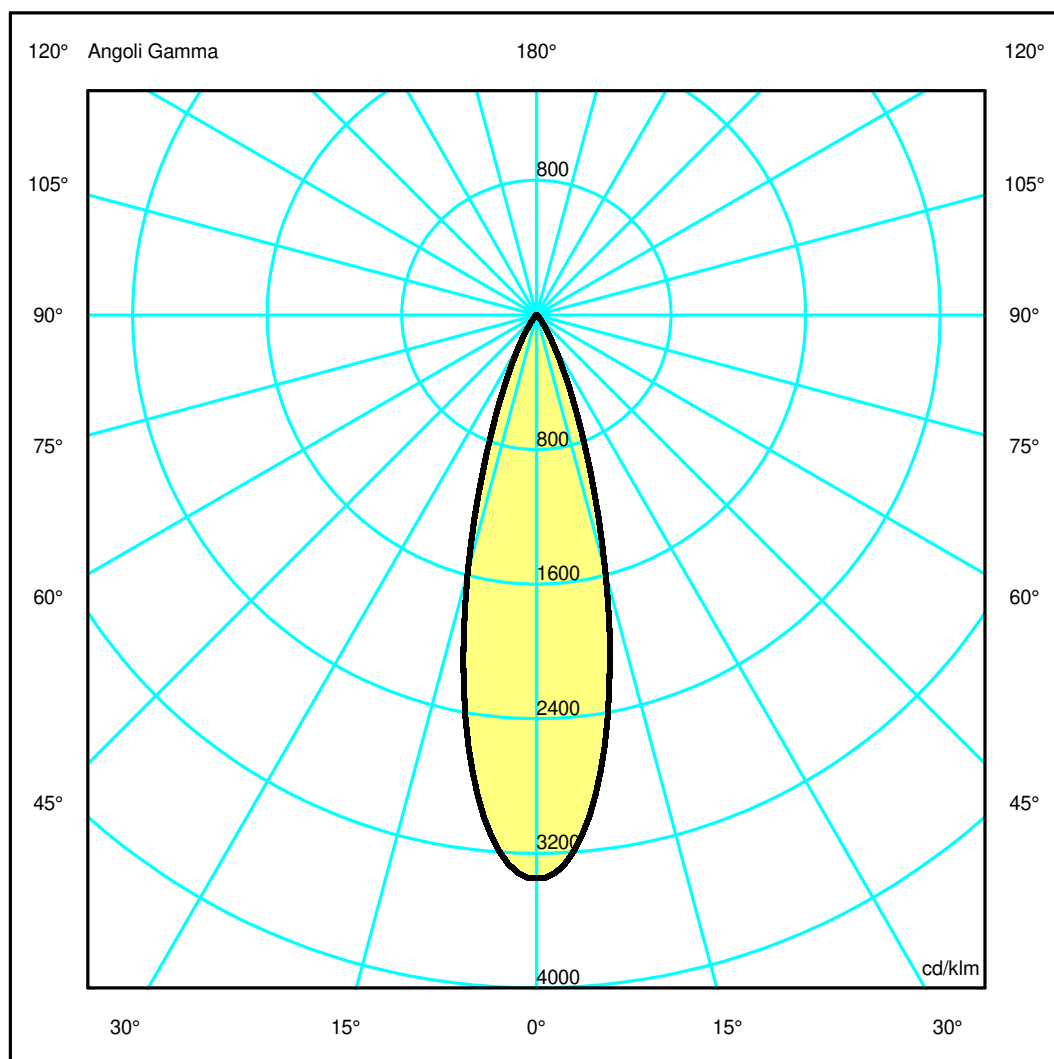
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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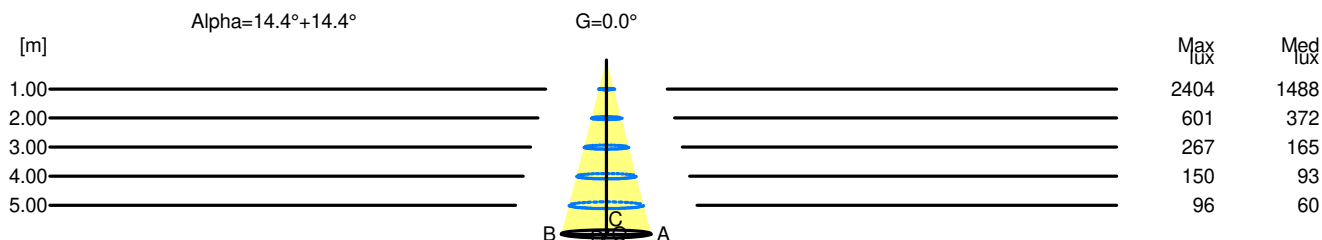
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C.I.E.	97 99 100 100 100			D DIN 5040	A60		
F UTE	--			B NBN	BZ 1		

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	0.26	0.52	0.77	1.03	1.29	OC	0.26	0.52	0.77	1.03	1.29
OB	0.26	0.52	0.77	1.03	1.29	OD	0.26	0.52	0.77	1.03	1.29

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2403.51	2228.01	1134.68	304.18	63.11	14.76	6.97	3.81	1.32	0.23
OB	2403.51	2228.01	1134.68	304.18	63.11	14.76	6.97	3.81	1.32	0.23
OC	2403.51	2228.01	1134.68	304.18	63.11	14.76	6.97	3.81	1.32	0.23
OD	2403.51	2228.01	1134.68	304.18	63.11	14.76	6.97	3.81	1.32	0.23



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.52	2404	1488		
2.00	1.03	601	372		
3.00	1.55	267	165		
4.00	2.06	150	93		
5.00	2.58	96	60		