

Luminaire

Code CH54201
Name SYLT HELGOLAND 90 2700K XF BCO

Measurem.

Code FTS2500111
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Luminaire Flux	819 lm	Luminaire Power	6.0 W	Efficacy	136.500 lm/W	Efficiency	100.00%
Source Flux	819 lm	Maximum value	1216.44 cd/klm	Position	C=0.00 G=1.00	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		819 lm	
LED Flux=1019lm LED Power=6W Eff=80% EfcLed=170lm/W EfcLum=137lm/W CCT=2700K 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

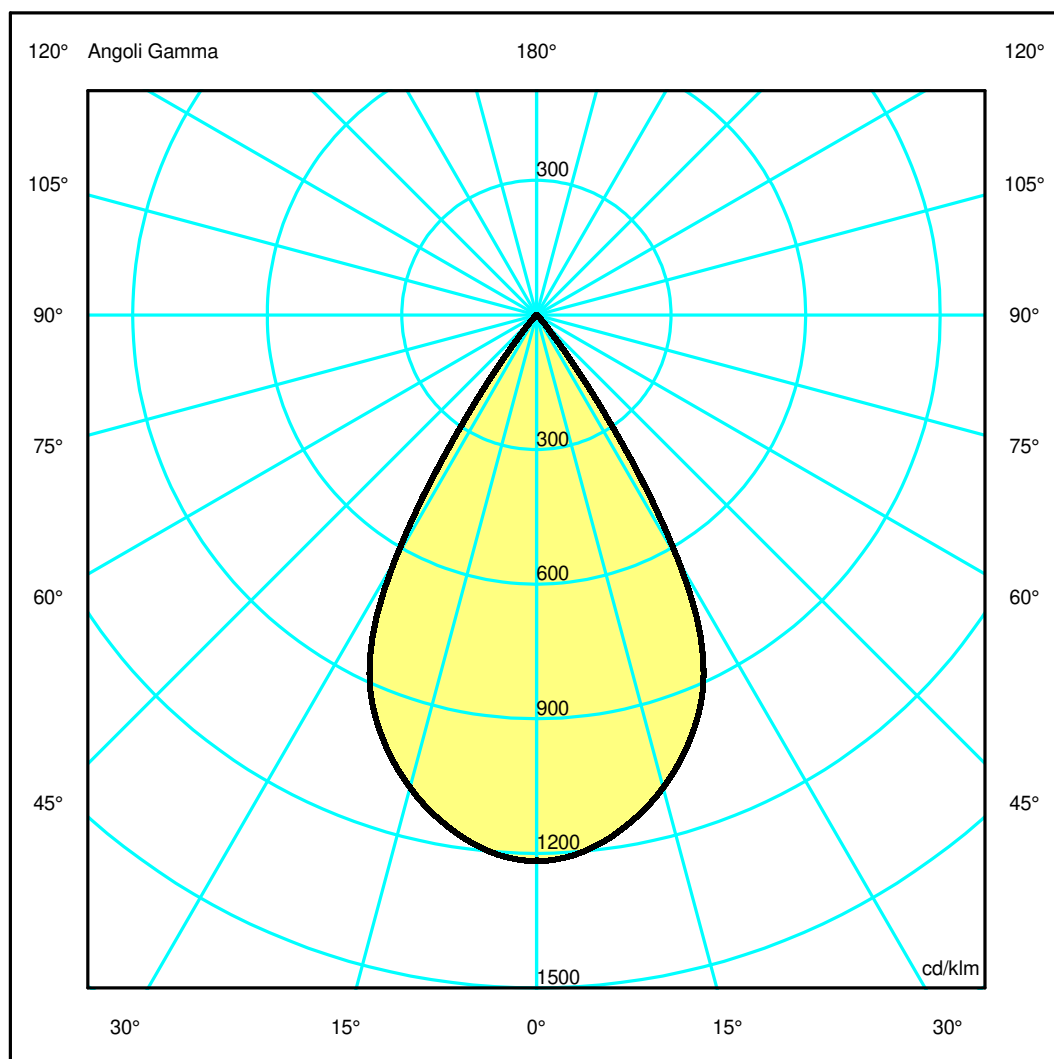
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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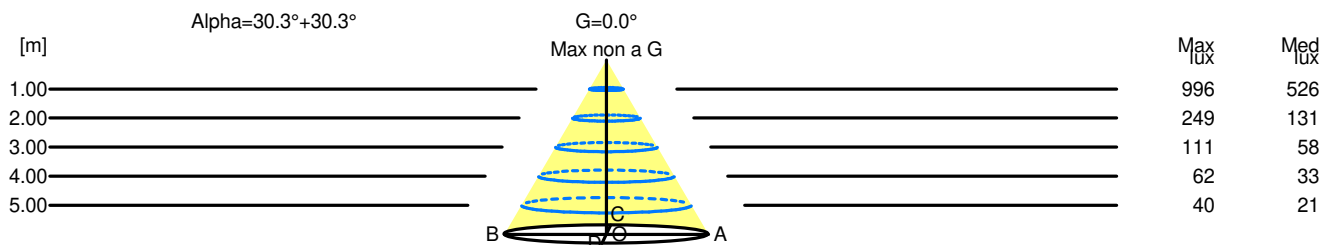
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Width at 50.00 % of Max Intensity

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	0.59	1.17	1.76	2.34	2.93	OC	0.59	1.17	1.76	2.34	2.93
OB	0.59	1.17	1.76	2.34	2.93	OD	0.59	1.17	1.76	2.34	2.93

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	995.72	983.10	892.83	722.11	200.62	9.57	3.15	1.26	0.37	0.26
OB	995.72	983.10	892.83	722.11	200.62	9.57	3.15	1.26	0.37	0.26
OC	995.72	983.10	892.83	722.11	200.62	9.57	3.15	1.26	0.37	0.26
OD	995.72	983.10	892.83	722.11	200.62	9.57	3.15	1.26	0.37	0.26



H[m]	D[m]	Max lux	Med lux	Alpha=30.3°+30.3°	G=0.0 Max non a G
1.00	1.17	996	526		
2.00	2.34	249	131		
3.00	3.51	111	58		
4.00	4.68	62	33		
5.00	5.85	40	21		