

## Luminaire

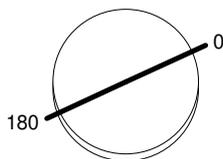
Code CH54003  
Name SYLT HELGOLAND 90 2700K FL COP

## Measurement

Code FTS2500109  
Name SYLT HELGOLAND 90 2700K FL COP

Luminaire Flux	712 lm	Luminaire Power	6.0 W	Efficacy	118.667 lm/W	Efficiency	100.00%
Source Flux	712 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 m <sup>2</sup>	Emitting area on Plane 180°			0.000000 m <sup>2</sup>
Emitting area on Plane 0°			0.000000 m <sup>2</sup>	Emitting area on Plane 270°			0.000000 m <sup>2</sup>
Emitting area on Plane 90°			0.000000 m <sup>2</sup>	Glare area at 76°			0.000778 m <sup>2</sup>
Coordinate system		CG		Symmetry Type			Rotosymmetrical
Date		03-12-2024		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			712 lm
LED Flux=1019lm LED Power=6W Eff=70% EfcLed=170lm/W EfcLum=119lm/W CCT=2700K 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



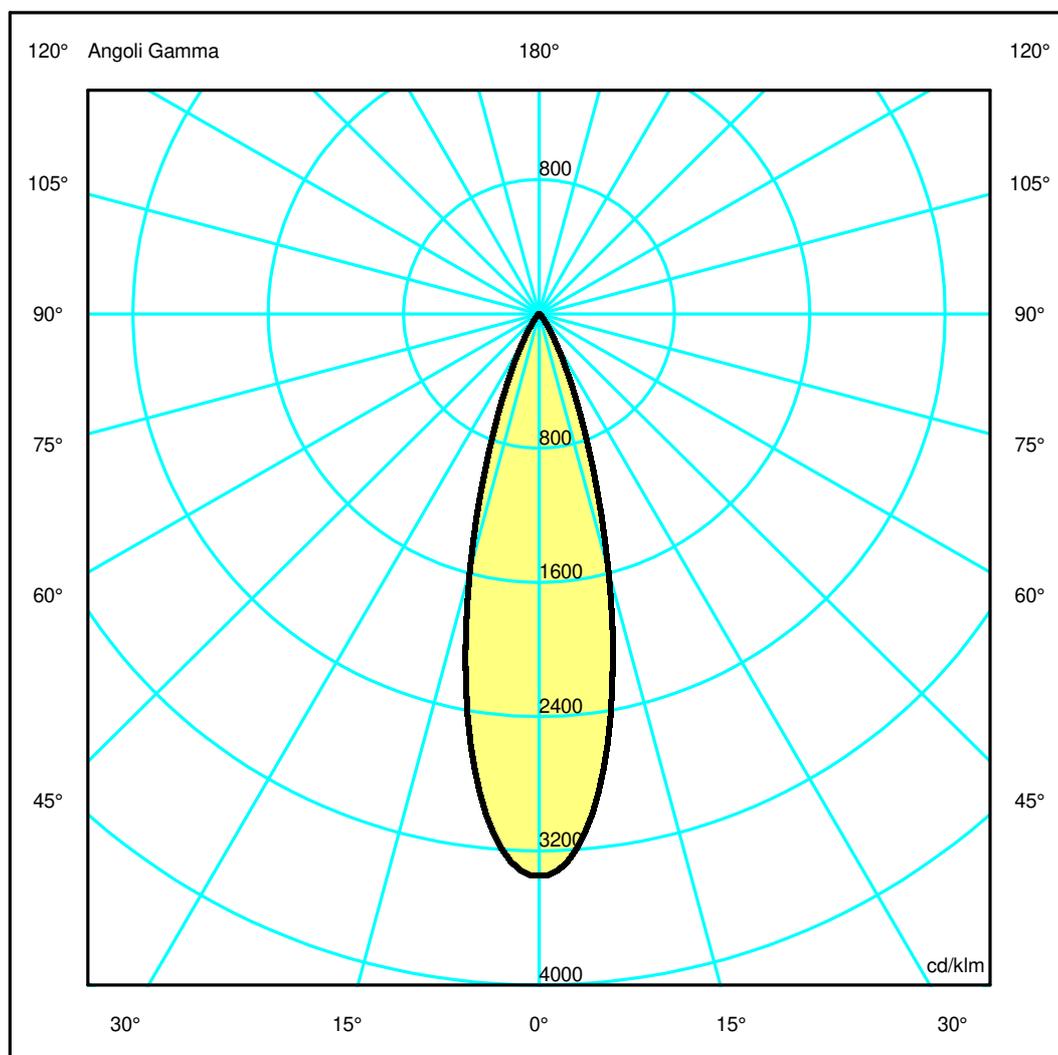
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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## Measurerm.

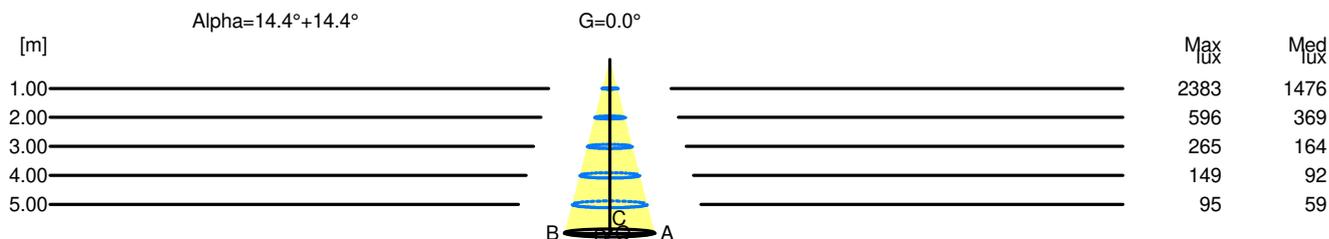
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Round Luminaire		Diam.	90 mm	Height	12 mm		
Round Luminous Area		Diam.	64 mm	Height	0 mm		
Horizontal Luminous Area		0.003217 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 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		712 lm	
LED Flux=1019lm LED Power=6W Eff=70% EfcLed=170lm/W EfcLum=119lm/W CCT=2700K 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		

### 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	2383.43	2209.39	1125.20	301.64	62.59	14.64	6.91	3.78	1.31	0.23
OB	2383.43	2209.39	1125.20	301.64	62.59	14.64	6.91	3.78	1.31	0.23
OC	2383.43	2209.39	1125.20	301.64	62.59	14.64	6.91	3.78	1.31	0.23
OD	2383.43	2209.39	1125.20	301.64	62.59	14.64	6.91	3.78	1.31	0.23



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.52	2383	1476		
2.00	1.03	596	369		
3.00	1.55	265	164		
4.00	2.06	149	92		
5.00	2.58	95	59		