

## Luminaire

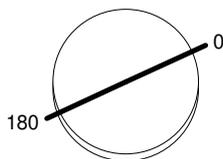
Code CH54101  
Name SYLT HELGOLAND 90 2700K WF BCO

## Measurement

Code FTS2500110  
Name SYLT HELGOLAND 90 2700K WF BCO

Luminaire Flux	842 lm	Luminaire Power	6.0 W	Efficacy	140.333 lm/W	Efficiency	100.00%
Source Flux	842 lm	Maximum value	2351.60 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		842 lm	
LED Flux=1019lm LED Power=6W Eff=83% EfcLed=170lm/W EfcLum=140lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	99	100	100	100	D DIN 5040	A60	
F UTE	--				B NBN	BZ 1	

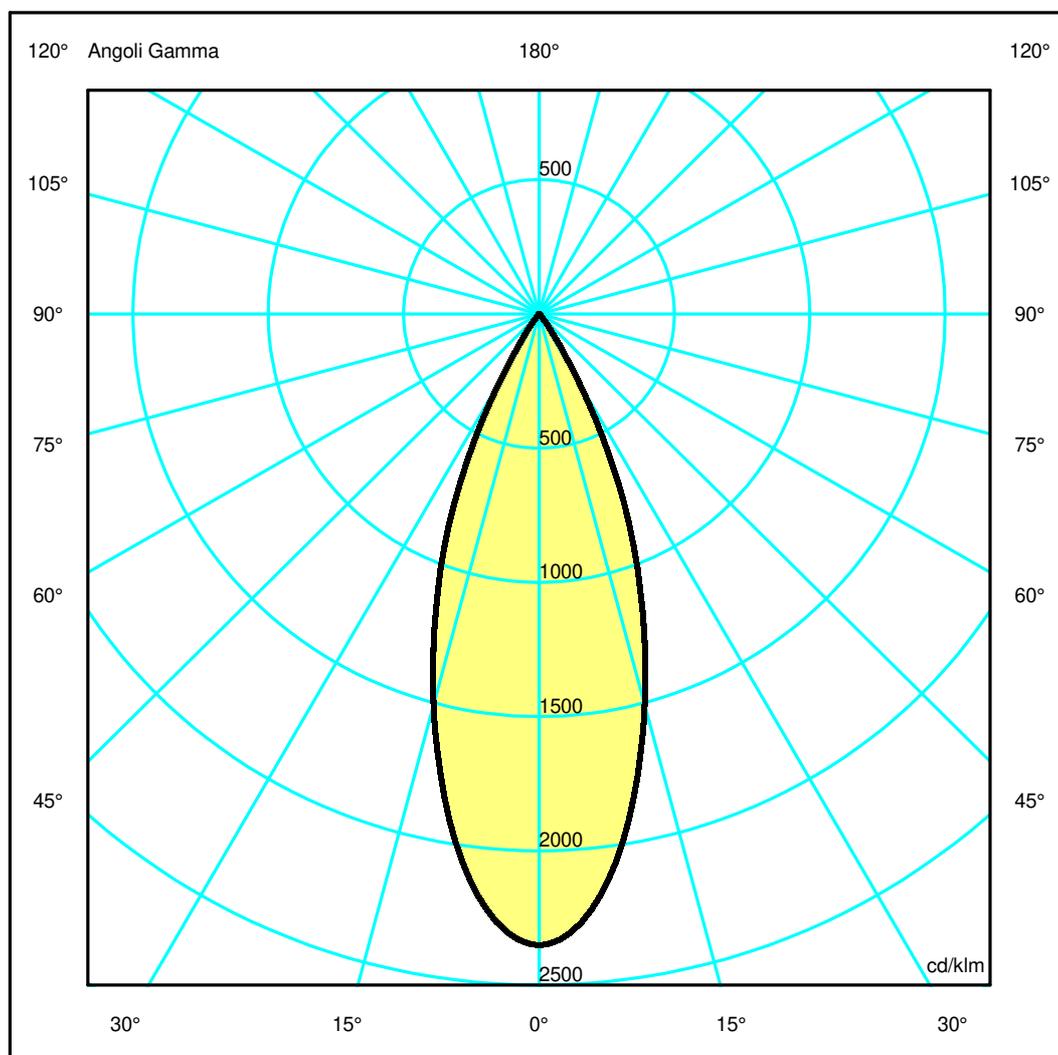
Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR 100.00 %  
RN 0.00 %



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## Measurum.

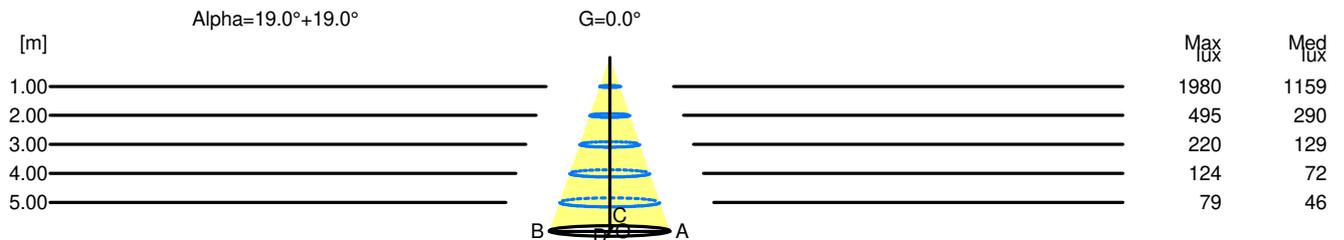
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Name SYLT HELGOLAND 90 2700K WF BCO

Luminaire Flux	842 lm	Luminaire Power	6.0 W	Efficacy	140.333 lm/W	Efficiency	100.00%
Source Flux	842 lm	Maximum value	2351.60 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		842 lm	
LED Flux=1019lm LED Power=6W Eff=83% EfcLed=170lm/W EfcLum=140lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	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	0.34	0.69	1.03	1.38	1.72	OC	0.34	0.69	1.03	1.38	1.72
OB	0.34	0.69	1.03	1.38	1.72	OD	0.34	0.69	1.03	1.38	1.72

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	1980.05	1874.62	1268.32	579.31	66.16	7.01	3.42	1.81	0.71	0.22
OB	1980.05	1874.62	1268.32	579.31	66.16	7.01	3.42	1.81	0.71	0.22
OC	1980.05	1874.62	1268.32	579.31	66.16	7.01	3.42	1.81	0.71	0.22
OD	1980.05	1874.62	1268.32	579.31	66.16	7.01	3.42	1.81	0.71	0.22



H[m]	D[m]	Max lux	Med lux	Alpha=19.0°+19.0°	G=0.0
1.00	0.69	1980	1159		
2.00	1.38	495	290		
3.00	2.06	220	129		
4.00	2.75	124	72		
5.00	3.44	79	46		