

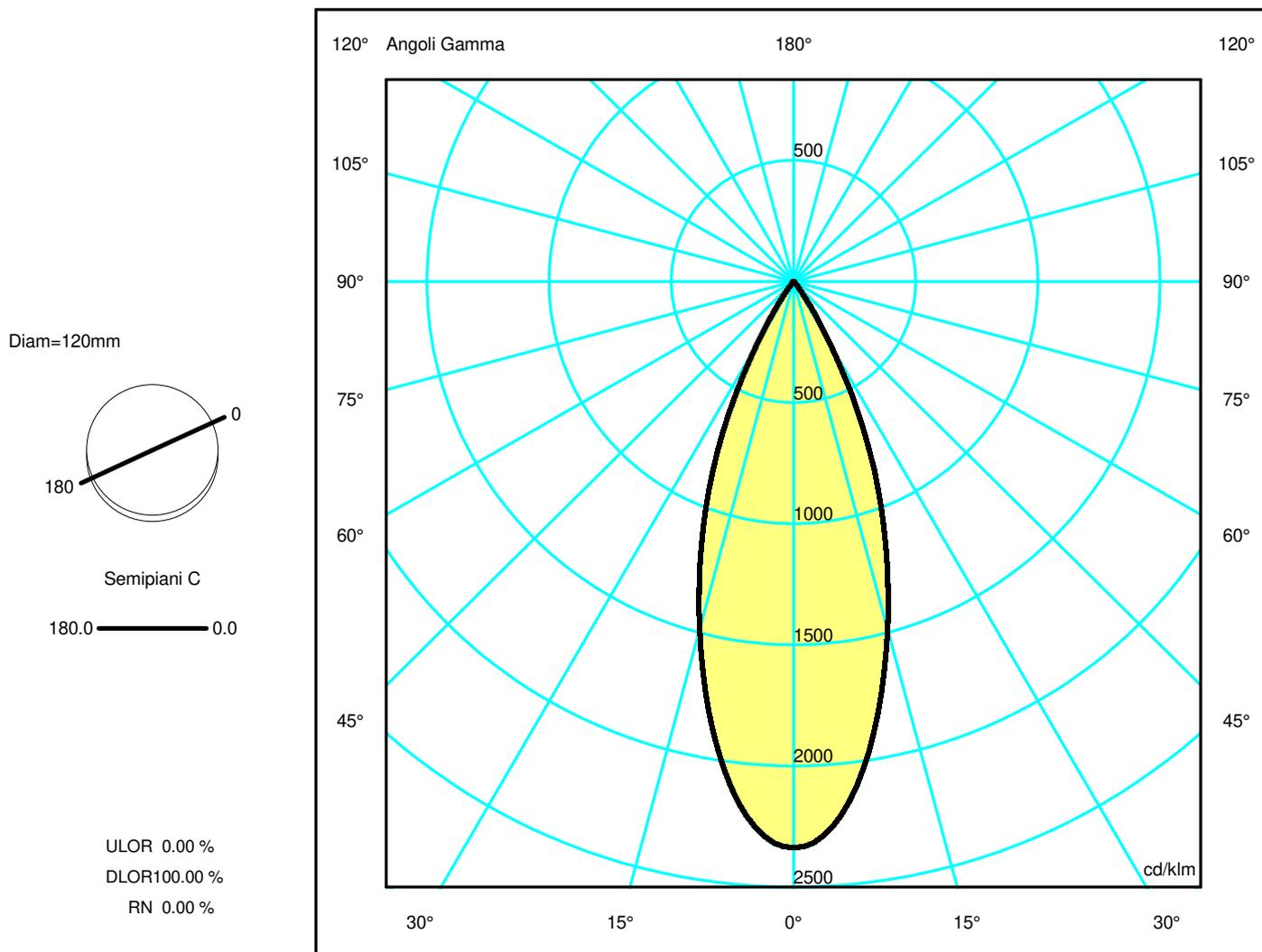
Luminaire

Code CH57104
Name SYLT HELGOLAND 120 2700K WF NRO

Measurem.

Code FTS2500113
Name SYLT HELGOLAND 120 2700K WF NRO

Luminaire Flux	1204 lm	Luminaire Power	8.5 W	Efficacy	141.647 lm/W	Efficiency	100.00%
Source Flux	1204 lm	Maximum value	2336.93 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	120 mm	Height	12 mm		
Round Luminous Area		Diam.	89 mm	Height	0 mm		
Horizontal Luminous Area		0.006221 m ²		Emitting area on Plane 180°		0.000000 m ²	
Emitting area on Plane 0°		0.000000 m ²		Emitting area on Plane 270°		0.000000 m ²	
Emitting area on Plane 90°		0.000000 m ²		Glare area at 76°		0.001505 m ²	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		03-12-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1204 lm	
LED Flux=1458lm LED Power=8.5W Eff=83% EfcLed=171lm/W EfcLum=142lm/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	



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Measurment

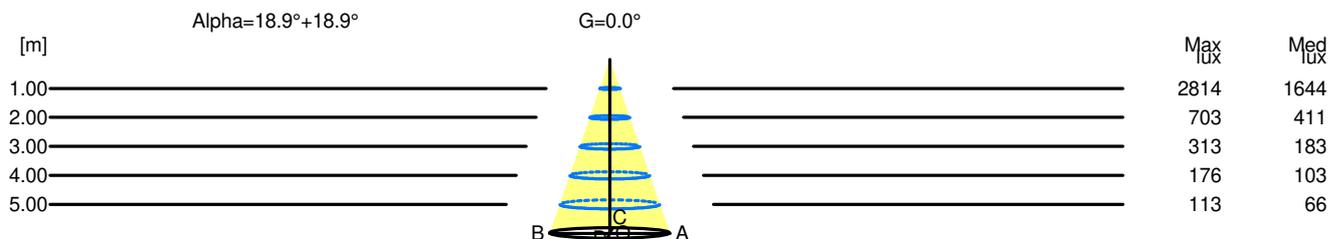
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Round Luminous Area		Diam.	89 mm	Height	0 mm		
Horizontal Luminous Area		0.006221 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.001505 m2	
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C.I.E.	99	100	100	100	100	D DIN 5040	A60
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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	0.34	0.69	1.03	1.37	1.71	OC	0.34	0.69	1.03	1.37	1.71
OB	0.34	0.69	1.03	1.37	1.71	OD	0.34	0.69	1.03	1.37	1.71

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2813.67	2665.98	1789.72	824.22	107.30	10.72	5.55	2.89	1.02	0.30
OB	2813.67	2665.98	1789.72	824.22	107.30	10.72	5.55	2.89	1.02	0.30
OC	2813.67	2665.98	1789.72	824.22	107.30	10.72	5.55	2.89	1.02	0.30
OD	2813.67	2665.98	1789.72	824.22	107.30	10.72	5.55	2.89	1.02	0.30



H[m]	D[m]	Max lux	Med lux	Alpha=18.9°+18.9°	G=0.0
1.00	0.69	2814	1644		
2.00	1.37	703	411		
3.00	2.06	313	183		
4.00	2.74	176	103		
5.00	3.43	113	66		