

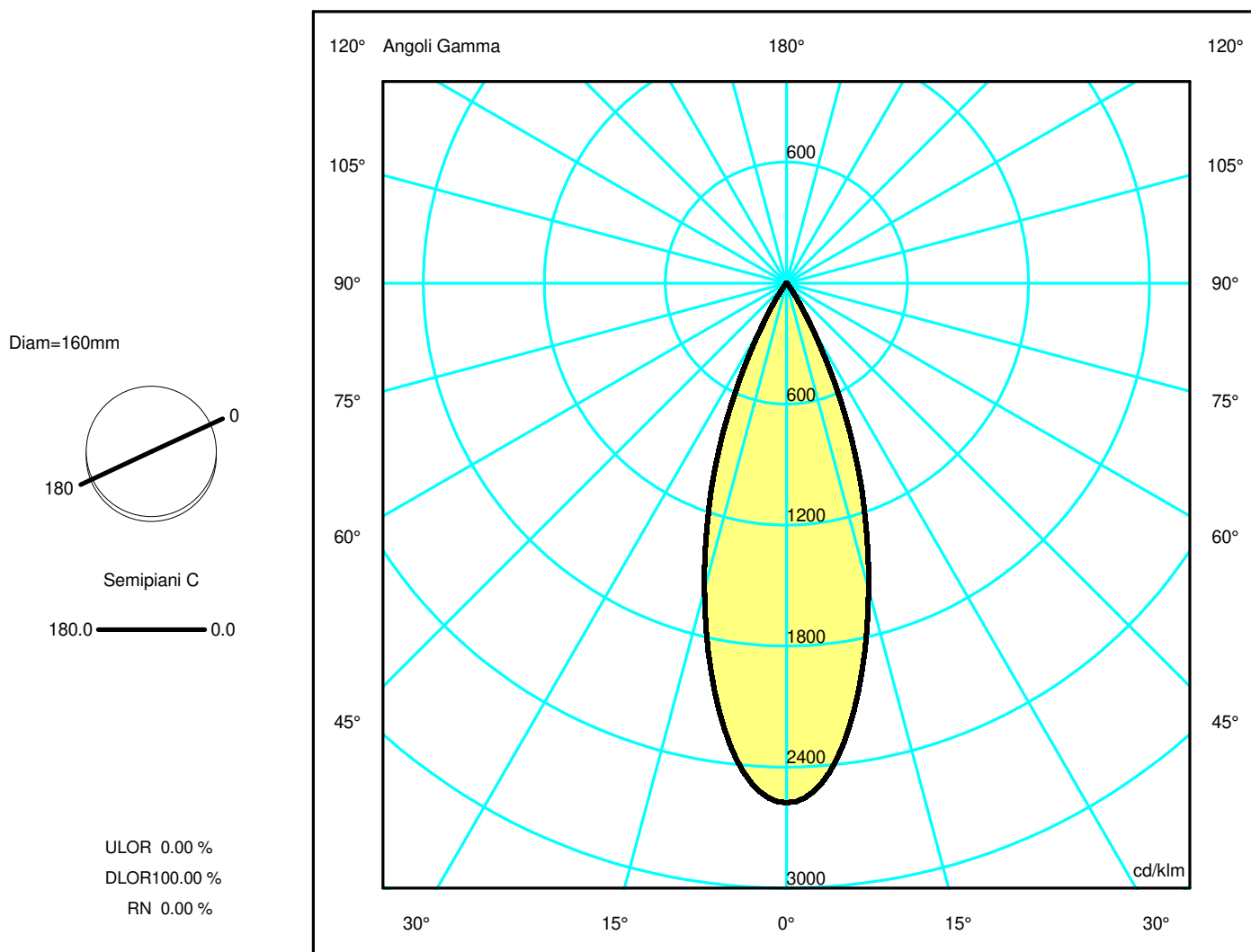
## Luminaire

Code AX15004  
Name HELGOLAND 160 FIX 3000K WF NRO

## Measurerm.

Code FTS2400519  
Name HELGOLAND 160 FIX 3000K WF NRO

Luminaire Flux	2530 lm	Luminaire Power	17.0 W	Efficacy	148.824 lm/W	Efficiency	100.00%
Source Flux	2530 lm	Maximum value	2575.02 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	160 mm	Height	12 mm		
Round Luminous Area		Diam.	127 mm	Height	0 mm		
Horizontal Luminous Area			0.012668 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°			0.003065 m2
Coordinate system		CG		Symmetry Type			Rotosymmetrical
Date		03-12-2024		Maximum Gamma Angle			180
Measurement Distance		0.00		Measurement Flux			2530 lm
LED Flux=3064lm LED Power=17W Eff=83% EfcLed=180lm/W EfcLum=149lm/W CCT=3000K 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



## Luminaire

Code AX15004  
Name HELGOLAND 160 FIX 3000K WF NRO

## Measur.

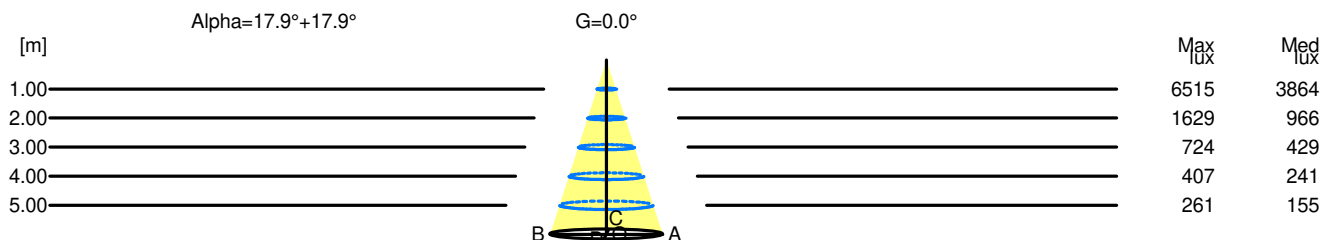
Code FTS2400519  
Name HELGOLAND 160 FIX 3000K WF NRO

Luminaire Flux	2530 lm	Luminaire Power	17.0 W	Efficacy	148.824 lm/W	Efficiency	100.00%
Source Flux	2530 lm	Maximum value	2575.02 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	160 mm	Height	12 mm		
Round Luminous Area		Diam.	127 mm	Height	0 mm		
Horizontal Luminous Area		0.012668 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°		0.003065 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		03-12-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2530 lm	
LED Flux=3064lm LED Power=17W Eff=83% EfcLed=180lm/W EfcLum=149lm/W CCT=3000K 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

### 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	0.32	0.65	0.97	1.29	1.62	OC	0.32	0.65	0.97	1.29	1.62
OB	0.32	0.65	0.97	1.29	1.62	OD	0.32	0.65	0.97	1.29	1.62

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	6514.81	6161.09	3979.99	1559.34	164.83	25.05	14.27	7.38	2.31	0.52
OB	6514.81	6161.09	3979.99	1559.34	164.83	25.05	14.27	7.38	2.31	0.52
OC	6514.81	6161.09	3979.99	1559.34	164.83	25.05	14.27	7.38	2.31	0.52
OD	6514.81	6161.09	3979.99	1559.34	164.83	25.05	14.27	7.38	2.31	0.52



H[m]	D[m]	Max lux	Med lux	Alpha=17.9°+17.9°	G=0.0
1.00	0.65	6515	3864		
2.00	1.29	1629	966		
3.00	1.94	724	429		
4.00	2.59	407	241		
5.00	3.24	261	155		