

Luminaire

Code AX92001
Name HELGOLAND 90 FIX IP44 2700K WF BCO

Measurement

Code FTS2600095.
Name HELGOLAND 90 FIX IP44 2700K WF BCO

Luminaire Flux	853 lm	Luminaire Power	6.0 W	Efficacy	142.167 lm/W	Efficiency	100.00%
Source Flux	853 lm	Maximum value	2335.45 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		02-04-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		853 lm	
LED Flux=1019lm LED Power=6W Eff=84% EfcLed=170lm/W EfcLum=142lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	93 97 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

Diam=90mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



Luminaire

Code AX92001
Name HELGOLAND 90 FIX IP44 2700K WF BCO

Measurem.

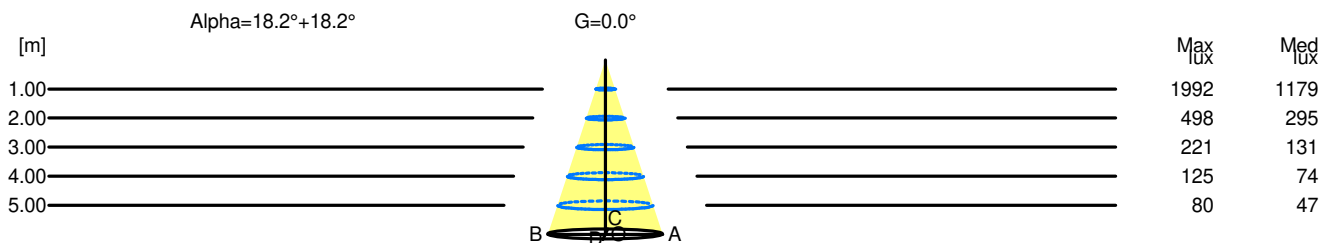
Code FTS2600095.
Name HELGOLAND 90 FIX IP44 2700K WF BCO

Luminaire Flux	853 lm	Luminaire Power	6.0 W	Efficacy	142.167 lm/W	Efficiency	100.00%
Source Flux	853 lm	Maximum value	2335.45 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		02-04-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		853 lm	
LED Flux=1019lm LED Power=6W Eff=84% EfcLed=170lm/W EfcLum=142lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	93 97 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			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	0.33	0.66	0.99	1.32	1.65	OC	0.33	0.66	0.99	1.32	1.65
OB	0.33	0.66	0.99	1.32	1.65	OD	0.33	0.66	0.99	1.32	1.65

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1992.14	1889.57	1239.06	499.09	69.14	27.54	20.54	14.13	7.50	2.06
OB	1992.14	1889.57	1239.06	499.09	69.14	27.54	20.54	14.13	7.50	2.06
OC	1992.14	1889.57	1239.06	499.09	69.14	27.54	20.54	14.13	7.50	2.06
OD	1992.14	1889.57	1239.06	499.09	69.14	27.54	20.54	14.13	7.50	2.06



H[m]	D[m]	Max lux	Med lux	Alpha=18.2°+18.2°	G=0.0
1.00	0.66	1992	1179		
2.00	1.32	498	295		
3.00	1.98	221	131		
4.00	2.64	125	74		
5.00	3.30	80	47		