

Luminaire

Code AX92301
Name HELGOLAND 90 FIX IP44 4000K WF BCO

Measurement

Code FTS2600083.
Name HELGOLAND 90 FIX IP44 4000K WF BCO

Luminaire Flux	912 lm	Luminaire Power	6.0 W	Efficacy	152.000 lm/W	Efficiency	100.00%
Source Flux	912 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		912 lm	
LED Flux=1081lm LED Power=6W Eff=84% EfcLed=180lm/W EfcLum=152lm/W CCT=4000K 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 %
DLOR 100.00 %
RN 0.00 %



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Measurem.

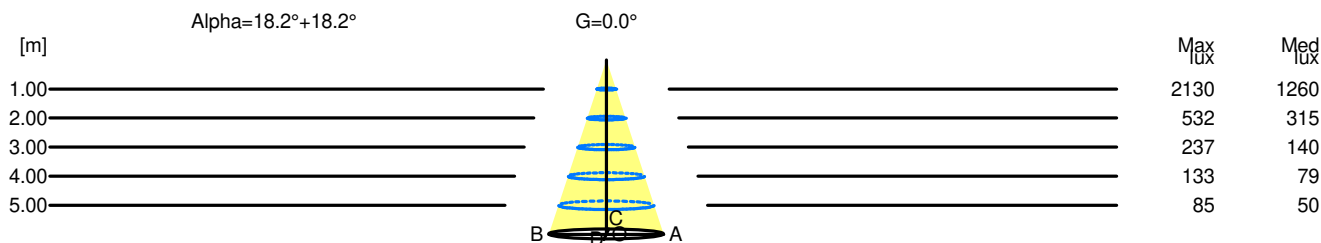
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Width at 50.00 % of Max Intensity

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	0.33	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	2129.93	2020.26	1324.77	533.61	73.93	29.44	21.96	15.11	8.02	2.20
OB	2129.93	2020.26	1324.77	533.61	73.93	29.44	21.96	15.11	8.02	2.20
OC	2129.93	2020.26	1324.77	533.61	73.93	29.44	21.96	15.11	8.02	2.20
OD	2129.93	2020.26	1324.77	533.61	73.93	29.44	21.96	15.11	8.02	2.20



H[m]	D[m]	Max lux	Med lux	Alpha=18.2°+18.2°	G=0.0
1.00	0.66	2130	1260		
2.00	1.32	532	315		
3.00	1.98	237	140		
4.00	2.64	133	79		
5.00	3.30	85	50		