

Luminaire

Code BW42004
Name VECTOR SPOT 55 CHANNEL 14W 4000K SP BLK

Measurement

Code FTS2300085
Name VECTOR SPOT 55 CHANNEL 14W 4000K SP BLK

Luminaire Flux	1223 lm	Luminaire Power	14.0 W	Efficacy	87.350 lm/W	Efficiency	100.00%
Source Flux	1223 lm	Maximum value	8894.53 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	55 mm	Height	109 mm		
Round Luminous Area		Diam.	46 mm	Height	0 mm		
Horizontal Luminous Area		0.001662 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°		0.000402 m ²	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		22-02-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1223 lm	
LED Flux=1685lm LED Power=14W Eff=73% EfcLed=120lm/W EfcLum=87lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h							
C.I.E.	99	100	100	100	D DIN 5040	A60	
F UTE	--				B NBN	BZ 1	

Diam=55mm



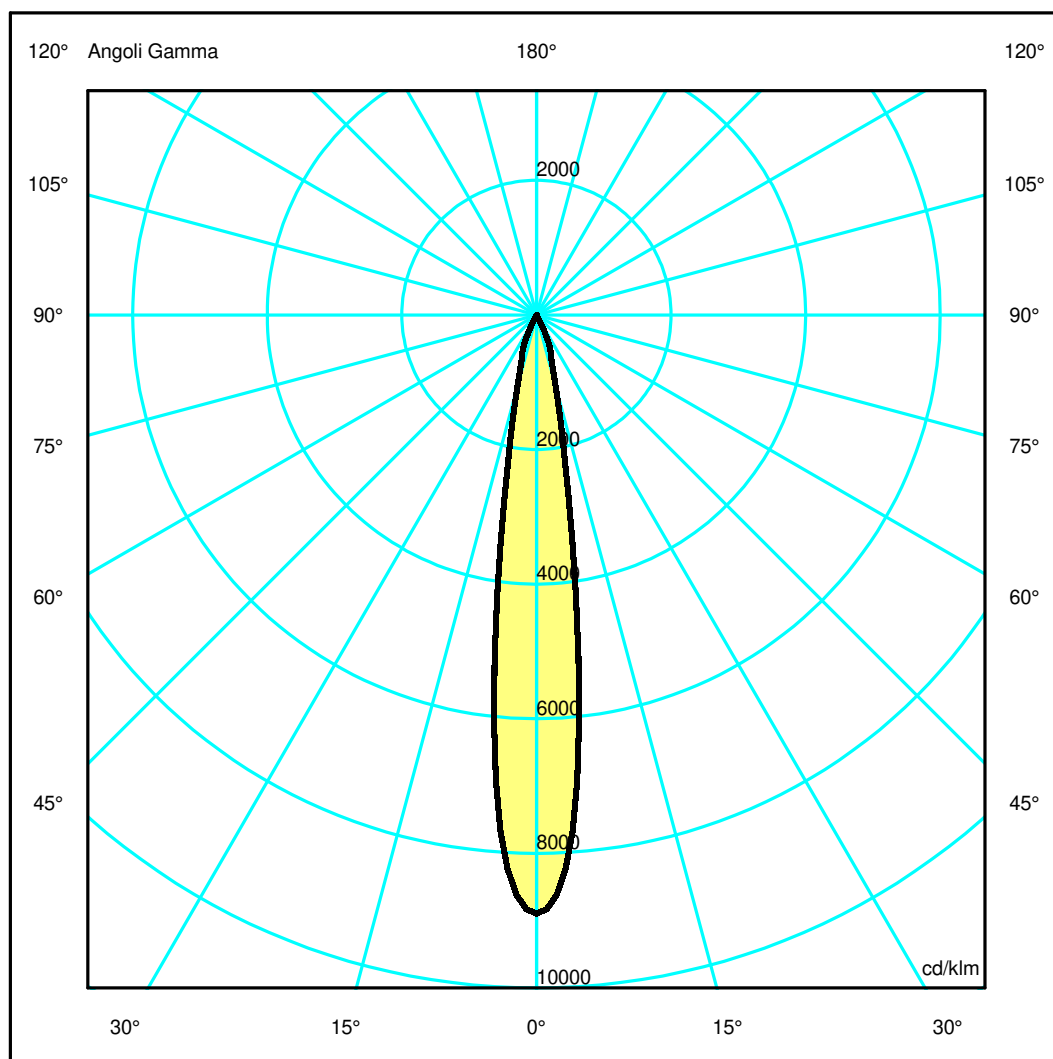
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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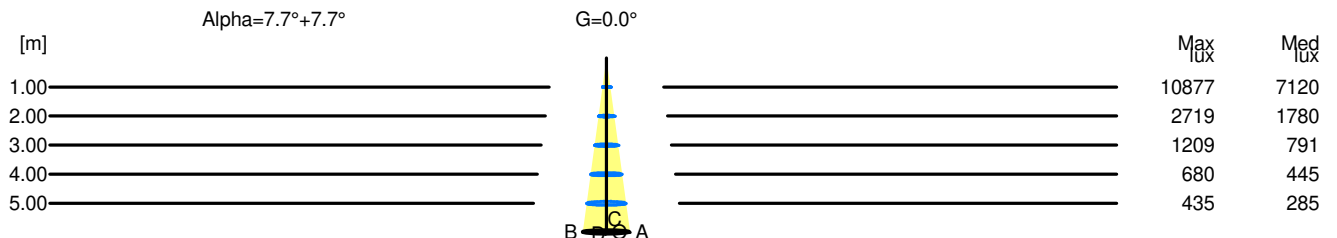
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Round Luminous Area		Diam.	46 mm	Height	0 mm		
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Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.000402 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		22-02-2023		Maximum Gamma Angle		180	
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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	0.14	0.27	0.41	0.54	0.68	OC	0.14	0.27	0.41	0.54	0.68
OB	0.14	0.27	0.41	0.54	0.68	OD	0.14	0.27	0.41	0.54	0.68

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	10877.12	8494.40	1352.76	390.07	10.96	4.74	2.77	1.96	1.02	0.35
OB	10877.12	8494.40	1352.76	390.07	10.96	4.74	2.77	1.96	1.02	0.35
OC	10877.12	8494.40	1352.76	390.07	10.96	4.74	2.77	1.96	1.02	0.35
OD	10877.12	8494.40	1352.76	390.07	10.96	4.74	2.77	1.96	1.02	0.35



H[m]	D[m]	Max lux	Med lux	Alpha=7.7°+7.7°	G=0.0
1.00	0.27	10877	7120		
2.00	0.54	2719	1780		
3.00	0.81	1209	791		
4.00	1.09	680	445		
5.00	1.36	435	285		