

## Luminaire

Code BW41004  
Name VECTOR SPOT 55 CHANNEL 14W 3000K SP BLK

## Measurement

Code FTS2300082  
Name VECTOR SPOT 55 CHANNEL 14W 3000K SP BLK

Luminaire Flux	1204 lm	Luminaire Power	14.0 W	Efficacy	86.002 lm/W	Efficiency	100.00%
Source Flux	1204 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 <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°		0.000402 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		22-02-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1204 lm	
LED Flux=1659lm LED Power=14W Eff=73% EfcLed=119lm/W EfcLum=86lm/W CCT=3000K 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



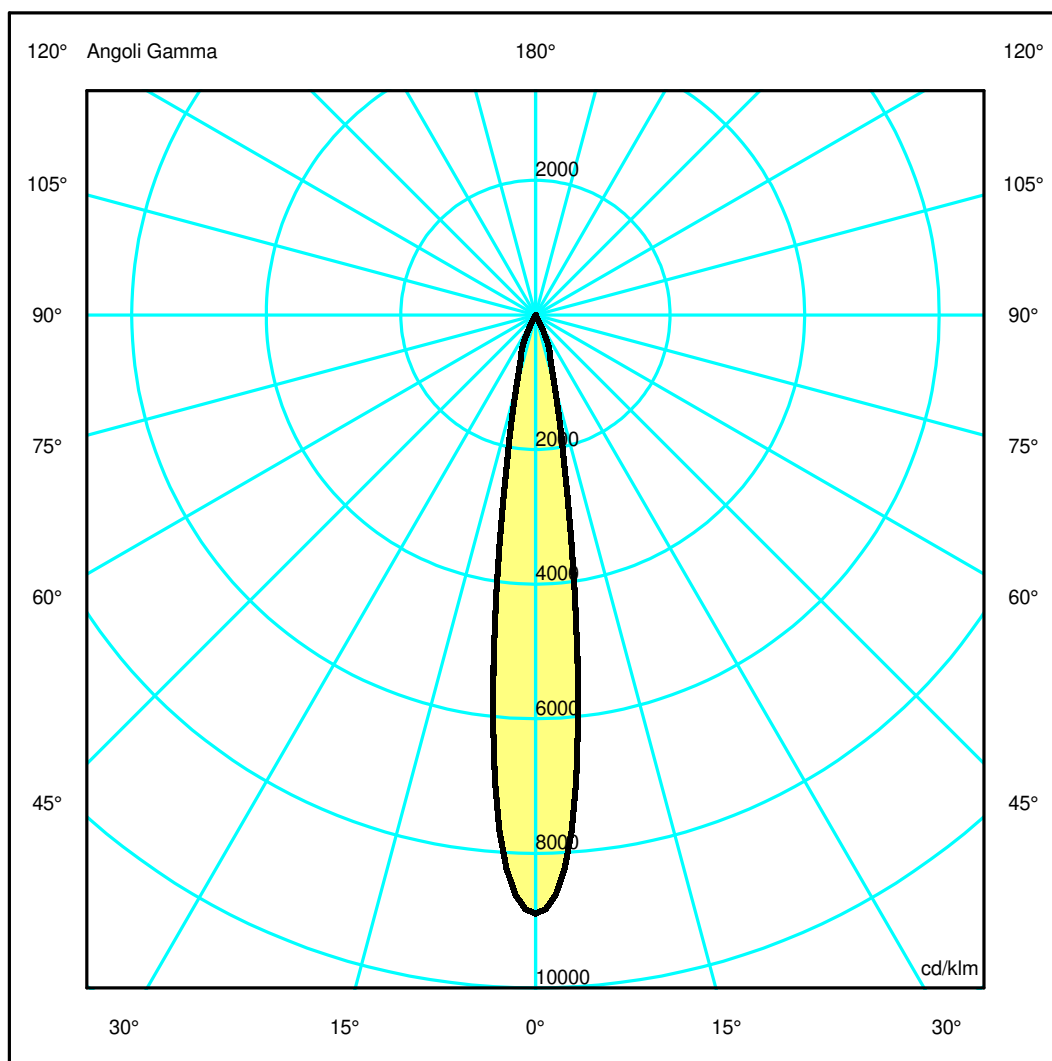
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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## Measurerm.

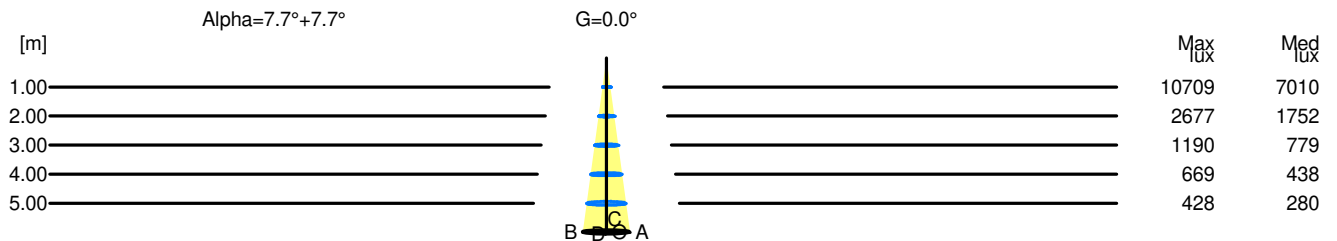
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Name VECTOR SPOT 55 CHANNEL 14W 3000K SP BLK

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Round Luminaire		Diam.	55 mm	Height	109 mm		
Round Luminous Area		Diam.	46 mm	Height	0 mm		
Horizontal Luminous Area		0.001662 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°		0.000402 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		22-02-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1204 lm	
LED Flux=1659lm LED Power=14W Eff=73% EfcLed=119lm/W EfcLum=86lm/W CCT=3000K 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

### 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	10709.28	8363.33	1331.89	384.06	10.79	4.67	2.73	1.93	1.00	0.35
OB	10709.28	8363.33	1331.89	384.06	10.79	4.67	2.73	1.93	1.00	0.35
OC	10709.28	8363.33	1331.89	384.06	10.79	4.67	2.73	1.93	1.00	0.35
OD	10709.28	8363.33	1331.89	384.06	10.79	4.67	2.73	1.93	1.00	0.35



H[m]	D[m]	Max lux	Med lux	Alpha=7.7°+7.7°	G=0.0
1.00	0.27	10709	7010		
2.00	0.54	2677	1752		
3.00	0.81	1190	779		
4.00	1.09	669	438		
5.00	1.36	428	280		