

Luminaire

Code BW40104
Name VECTOR SPOT 55 CHANNEL 14W 2700K FL BLK

Measurement

Code FTS2300080
Name VECTOR SPOT 55 CHANNEL 14W 2700K FL BLK

Luminaire Flux	1170 lm	Luminaire Power	14.0 W	Efficacy	83.536 lm/W	Efficiency	100.00%
Source Flux	1170 lm	Maximum value	5833.50 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		1170 lm	
LED Flux=1594lm LED Power=14W Eff=73% EfcLed=114lm/W EfcLum=84lm/W CCT=2700K 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



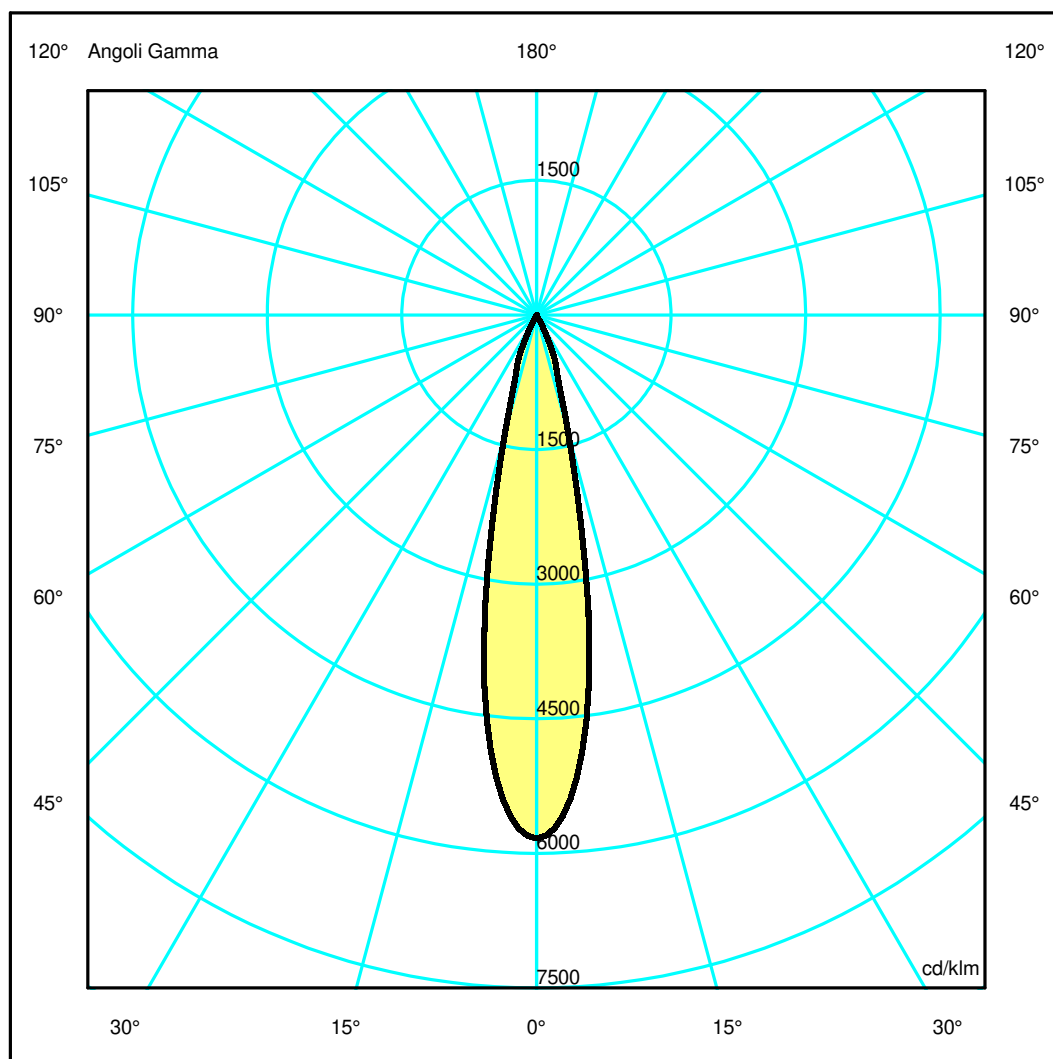
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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Measur.

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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		1170 lm	

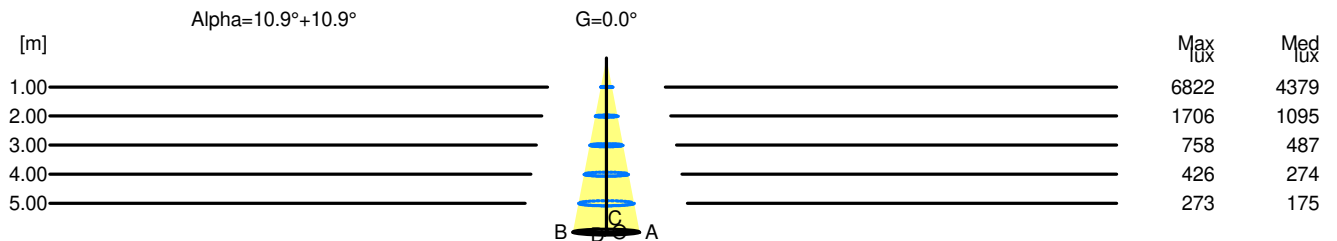
LED Flux=1594lm LED Power=14W Eff=73% EfcLed=114lm/W EfcLum=84lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

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	0.19	0.38	0.58	0.77	0.96	OC	0.19	0.38	0.58	0.77	0.96
OB	0.19	0.38	0.58	0.77	0.96	OD	0.19	0.38	0.58	0.77	0.96

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6822.34	6046.76	1598.85	378.92	10.96	4.71	2.74	1.86	1.01	0.36
OB	6822.34	6046.76	1598.85	378.92	10.96	4.71	2.74	1.86	1.01	0.36
OC	6822.34	6046.76	1598.85	378.92	10.96	4.71	2.74	1.86	1.01	0.36
OD	6822.34	6046.76	1598.85	378.92	10.96	4.71	2.74	1.86	1.01	0.36



H[m]	D[m]	Max lux	Med lux	Alpha=10.9°+10.9°	G=0.0
1.00	0.38	6822	4379		
2.00	0.77	1706	1095		
3.00	1.15	758	487		
4.00	1.53	426	274		
5.00	1.92	273	175		