

Luminaire

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

Measurement

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

Luminaire Flux	1399 lm	Luminaire Power	14.0 W	Efficacy	99.929 lm/W	Efficiency	100.00%
Source Flux	1399 lm	Maximum value	5145.51 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	55 mm	Height	110 mm		
Round Luminous Area		Diam.	48 mm	Height	0 mm		
Horizontal Luminous Area		0.001810 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°		0.000438 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		22-05-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1399 lm	
LED Flux=1925lm LED Power=14W Eff=73% EfcLed=138lm/W EfcLum=100lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(9k)=50000h							
C.I.E.	99	100	100	100	D DIN 5040	A60	
F UTE	--				B NBN	BZ 1	

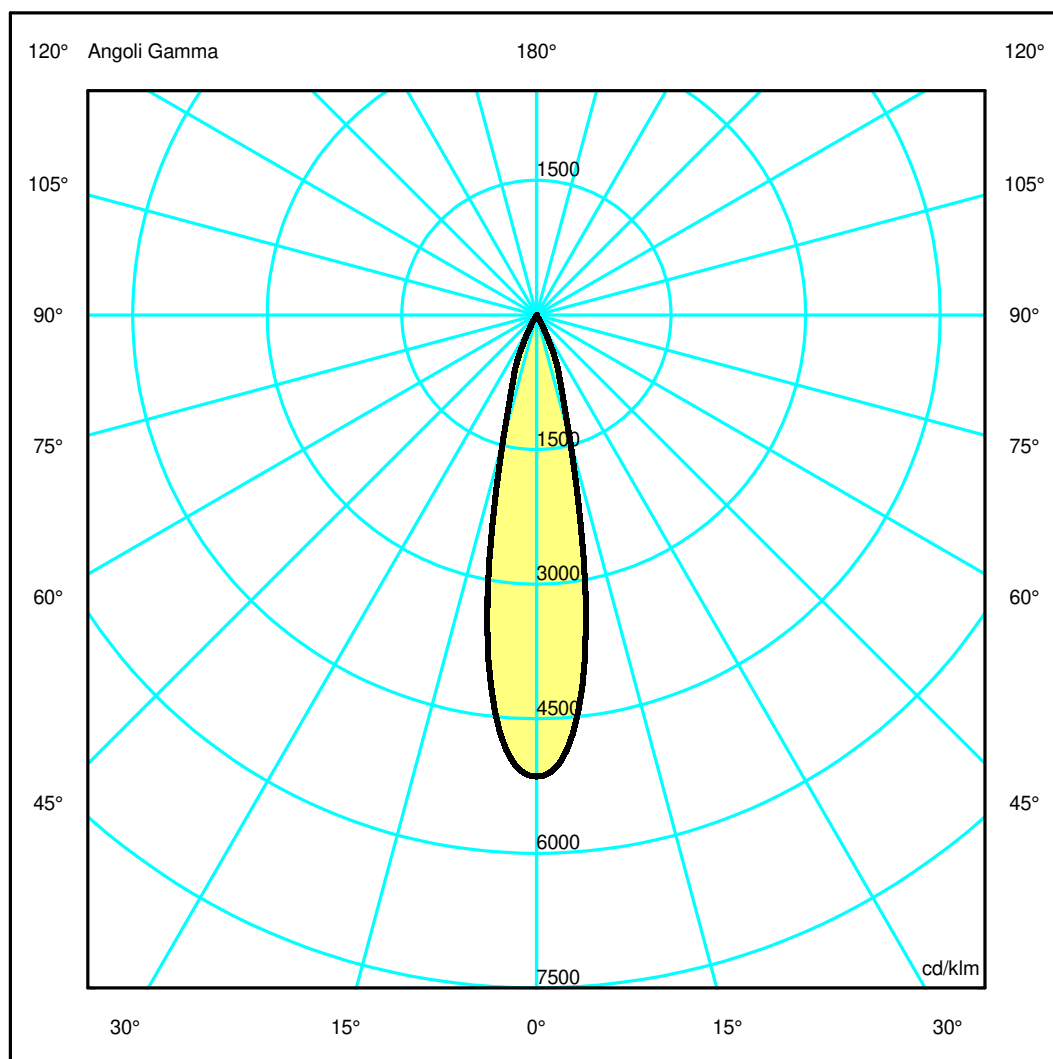
Diam=55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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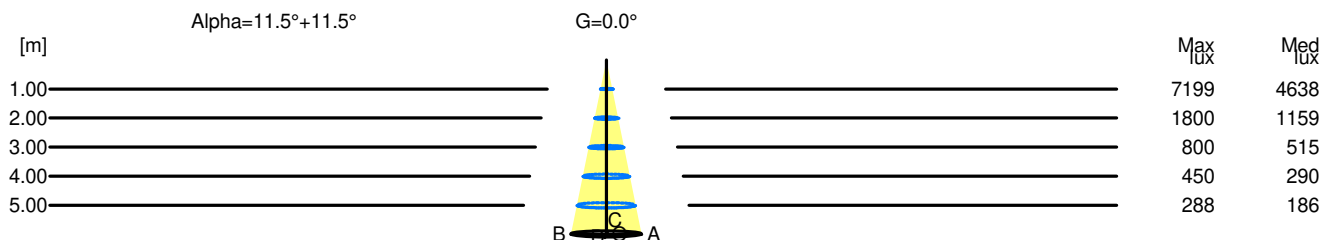
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C.I.E.	99 100 100 100 100			D DIN 5040	A60		
F UTE	--			B NBN	BZ 1		

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	0.20	0.41	0.61	0.81	1.01	OC	0.20	0.41	0.61	0.81	1.01
OB	0.20	0.41	0.61	0.81	1.01	OD	0.20	0.41	0.61	0.81	1.01

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	7198.56	6542.96	2023.58	511.35	14.13	5.14	2.51	1.51	0.84	0.32
OB	7198.56	6542.96	2023.58	511.35	14.13	5.14	2.51	1.51	0.84	0.32
OC	7198.56	6542.96	2023.58	511.35	14.13	5.14	2.51	1.51	0.84	0.32
OD	7198.56	6542.96	2023.58	511.35	14.13	5.14	2.51	1.51	0.84	0.32



H[m]	D[m]	Max lux	Med lux	Alpha=11.5°+11.5°	G=0.0
1.00	0.41	7199	4638		
2.00	0.81	1800	1159		
3.00	1.22	800	515		
4.00	1.62	450	290		
5.00	2.03	288	186		