

Luminaire

Code BW40204+AP91400
 Name VECTOR SPOT 55 CHANNEL 14W 2700K WF BLK + ANTI DAZZLE LOUVRE

Measurement

Code FTS2300108-A
 Name VECTOR SPOT 55 CHANNEL 14W 2700K WF BLK + ANTI DAZZLE LOUVRE

Luminaire Flux	1051 lm	Luminaire Power	14.0 W	Efficacy	75.071 lm/W	Efficiency	100.00%
Source Flux	1051 lm	Maximum value	4326.59 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 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°		0.000438 m ²	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		22-05-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1051 lm	
LED Flux=1925lm LED Power=14W Eff=55% EfcLed=138lm/W EfcLum=75lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(9k)=50000h							
C.I.E.	100	100	100	100	D DIN 5040	A60	
F UTE	--				B NBN	BZ 1	

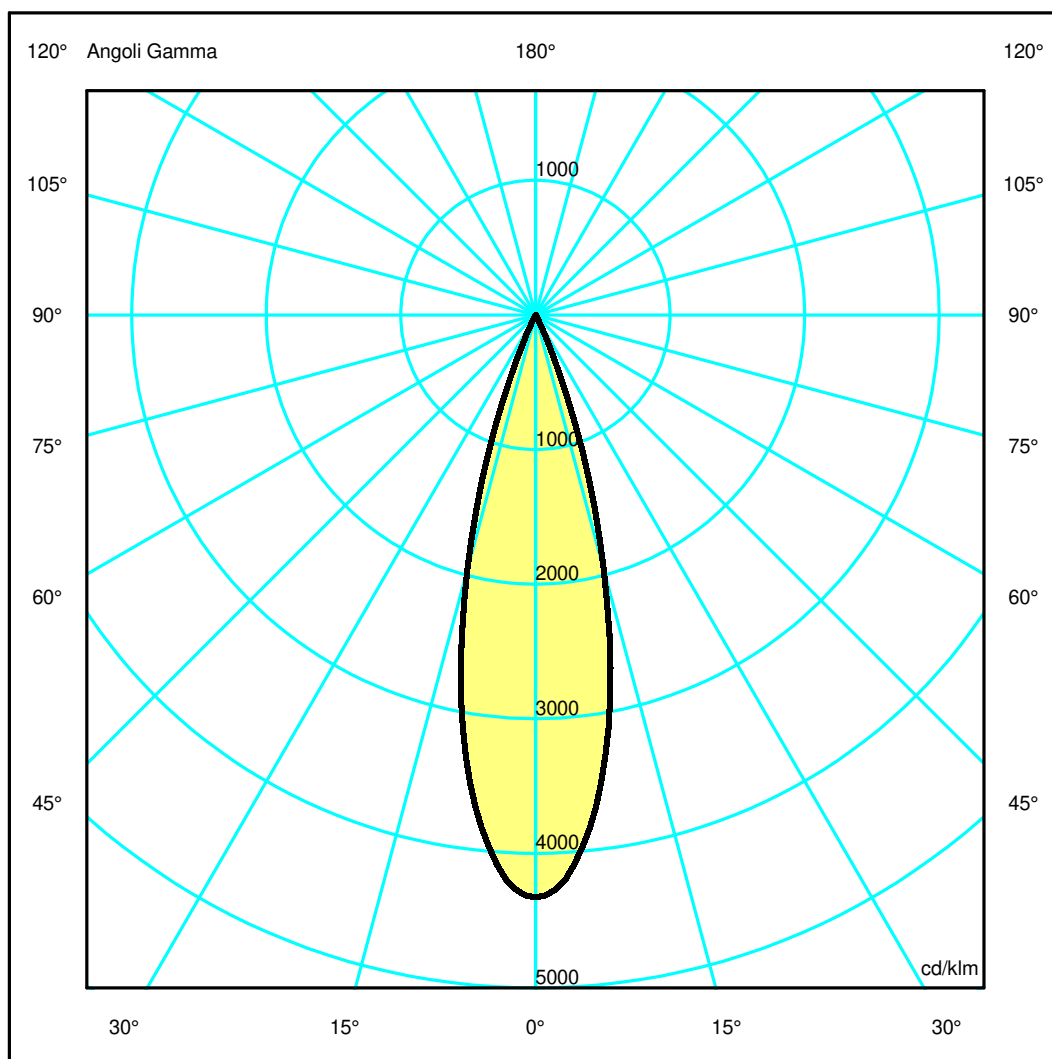
Diam=55mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
 DLOR 100.00 %
 RN 0.00 %



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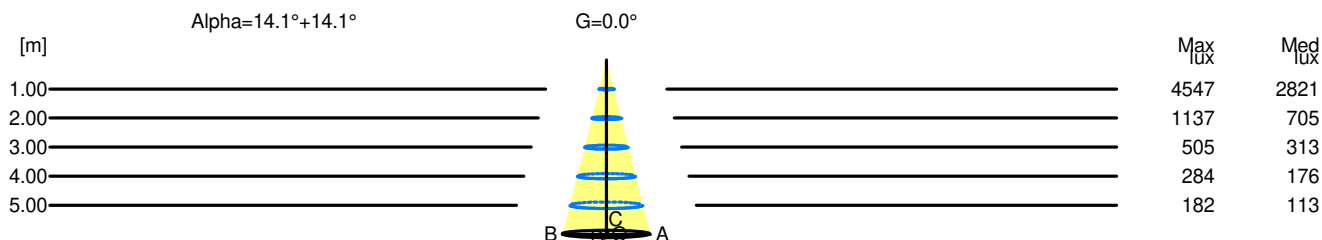
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Round Luminaire		Diam.	55 mm	Height	110 mm		
Round Luminous Area		Diam.	48 mm	Height	0 mm		
Horizontal Luminous Area		0.001810 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 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		1051 lm	
LED Flux=1925lm LED Power=14W Eff=55% EfcLed=138lm/W EfcLum=75lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(9k)=50000h							
C.I.E.	100	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	0.25	0.50	0.76	1.01	1.26	OC	0.25	0.50	0.76	1.01	1.26
OB	0.25	0.50	0.76	1.01	1.26	OD	0.25	0.50	0.76	1.01	1.26

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4547.25	4172.27	2055.33	163.47	14.93	3.69	1.26	0.40	0.28	0.23
OB	4547.25	4172.27	2055.33	163.47	14.93	3.69	1.26	0.40	0.28	0.23
OC	4547.25	4172.27	2055.33	163.47	14.93	3.69	1.26	0.40	0.28	0.23
OD	4547.25	4172.27	2055.33	163.47	14.93	3.69	1.26	0.40	0.28	0.23



H[m]	D[m]	Max lux	Med lux	Alpha=14.1°+14.1°	G=0.0
1.00	0.50	4547	2821		
2.00	1.01	1137	705		
3.00	1.51	505	313		
4.00	2.01	284	176		
5.00	2.52	182	113		