

Luminaire

Code AP51101
Name VECTOR 55 RECESSED 930 SP BCO

Measurement

Code FTS1900902-B
Name VECTOR 55 RECESSED 930 SP BCO

Luminaire Flux	1445 lm	Luminaire Power	14.0 W	Efficacy	103.214 lm/W	Efficiency	100.00%
Source Flux	1445 lm	Maximum value	7350.97 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	55 mm	Height	130 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		13-03-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1445 lm	
LED Flux=2033lm LED Power=14W Eff=71% EfcLed=145lm/W EfcLum=103lm/W CCT=3000K 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



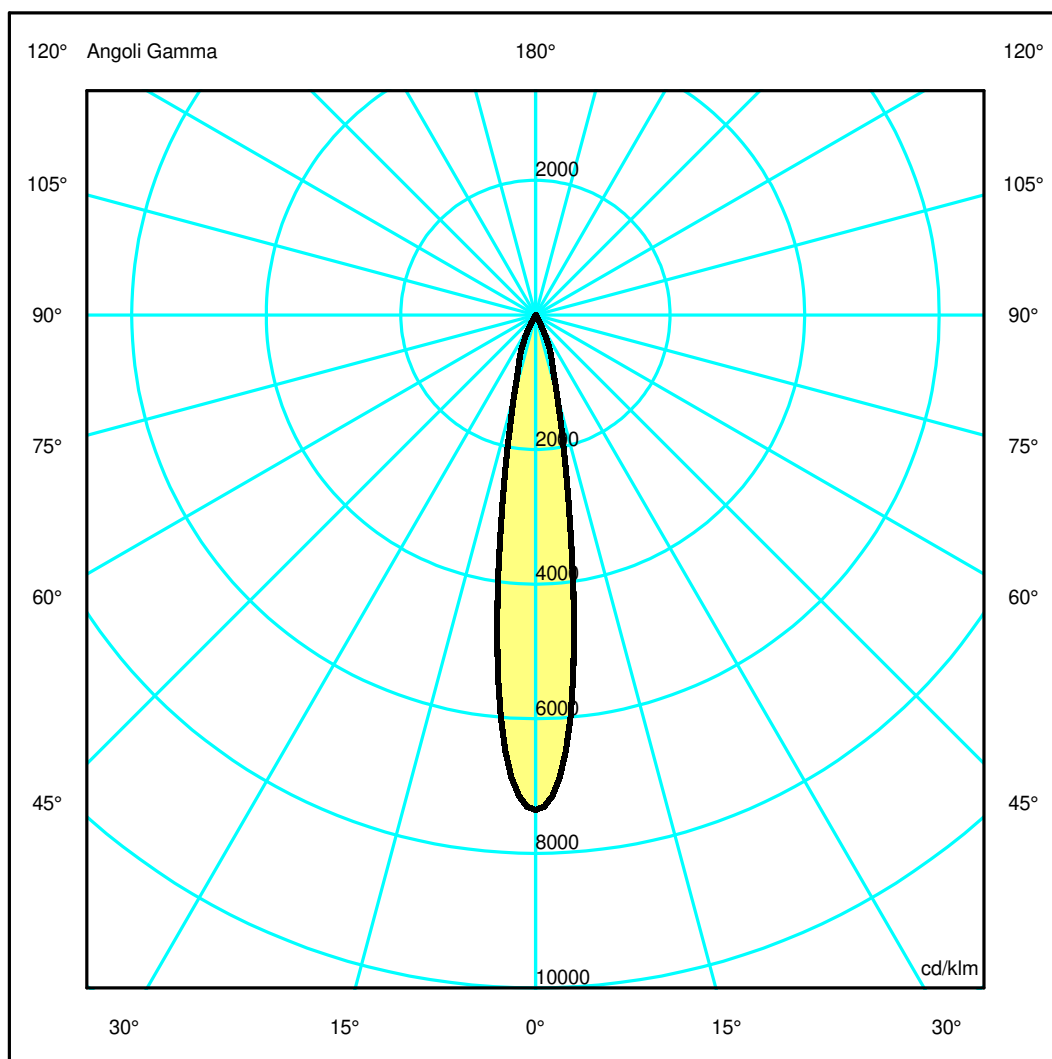
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR 100.00 %

RN 0.00 %



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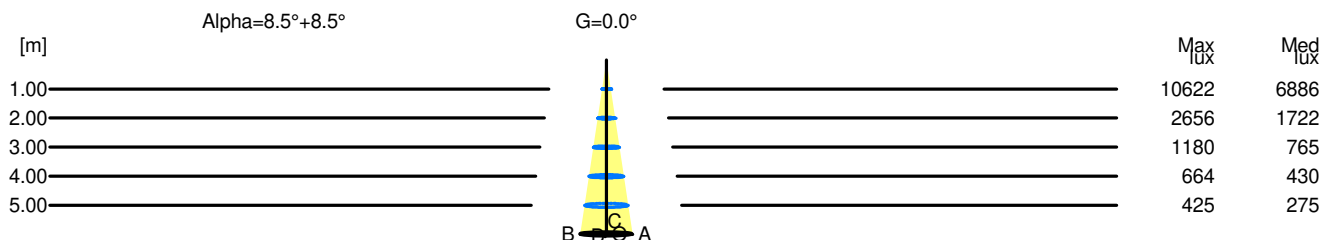
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F UTE	--					B NBN	BZ 1

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	0.15	0.30	0.45	0.60	0.75	OC	0.15	0.30	0.45	0.60	0.75
OB	0.15	0.30	0.45	0.60	0.75	OD	0.15	0.30	0.45	0.60	0.75

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	10622.16	8629.21	1774.60	513.75	16.12	6.12	2.98	1.78	0.95	0.38
OB	10622.16	8629.21	1774.60	513.75	16.12	6.12	2.98	1.78	0.95	0.38
OC	10622.16	8629.21	1774.60	513.75	16.12	6.12	2.98	1.78	0.95	0.38
OD	10622.16	8629.21	1774.60	513.75	16.12	6.12	2.98	1.78	0.95	0.38



H[m]	D[m]	Max lux	Med lux	Alpha=8.5°+8.5°	G=0.0
1.00	0.30	10622	6886		
2.00	0.60	2656	1722		
3.00	0.90	1180	765		
4.00	1.20	664	430		
5.00	1.50	425	275		