

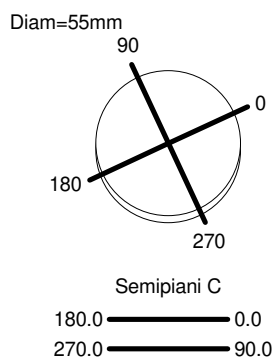
Luminaire

Code BW42204+AP91200
Name VECTOR SPOT 55 CHANNEL 14W 4000K WF BLK + LENS FOR ELLIPTICAL EMISSION

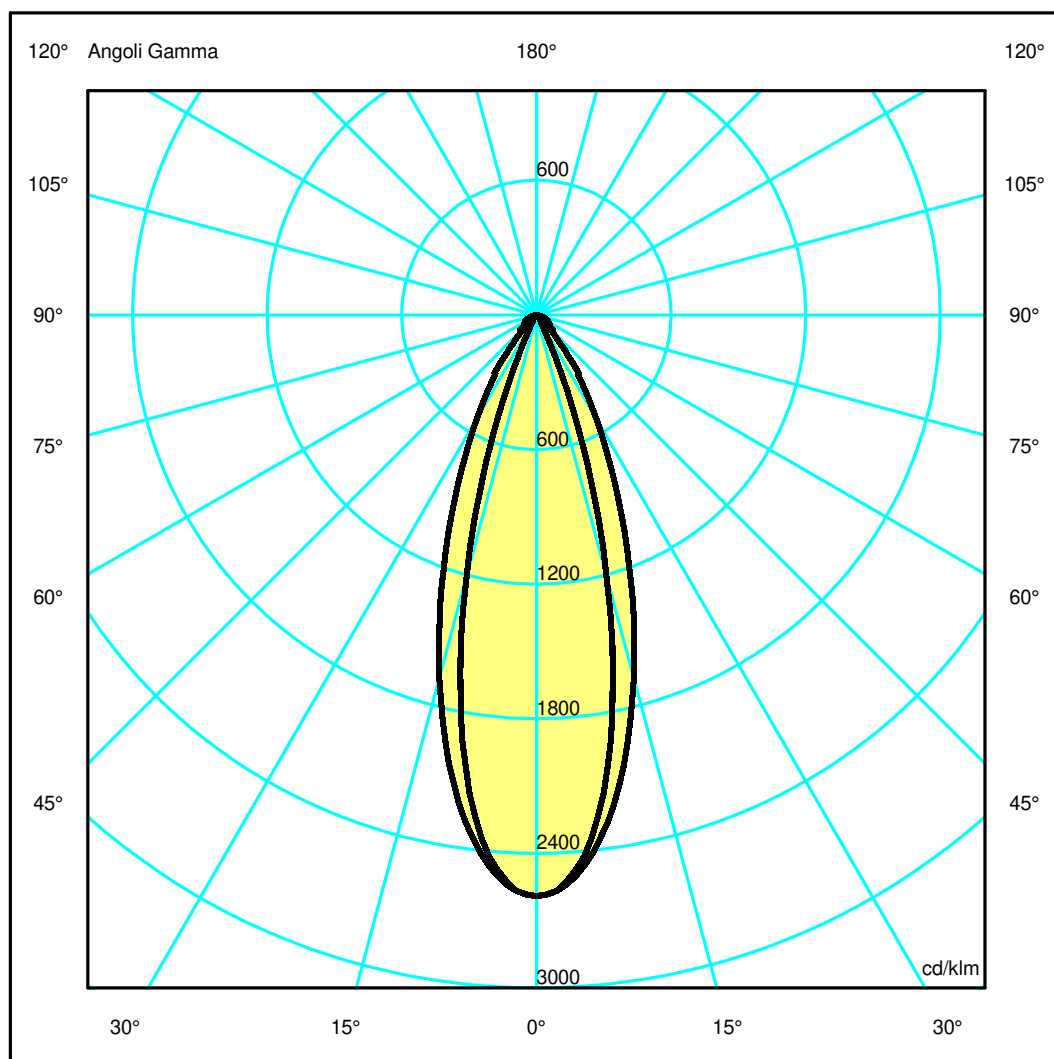
Measurem.

Code FTS2300105-A
Name VECTOR SPOT 55 CHANNEL 14W 4000K WF BLK + LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1178 lm	Luminaire Power	14.0 W	Efficacy	84.143 lm/W	Efficiency	100.00%
Source Flux	1178 lm	Maximum value	2589.45 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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		Double Symmetrical	
Date		05-02-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1178 lm	
LED Flux=2198lm LED Power=14W Eff=54% EfcLed=157lm/W EfcLum=84lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(9k)>=50000h							
C.I.E.	93 98 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Measurem.

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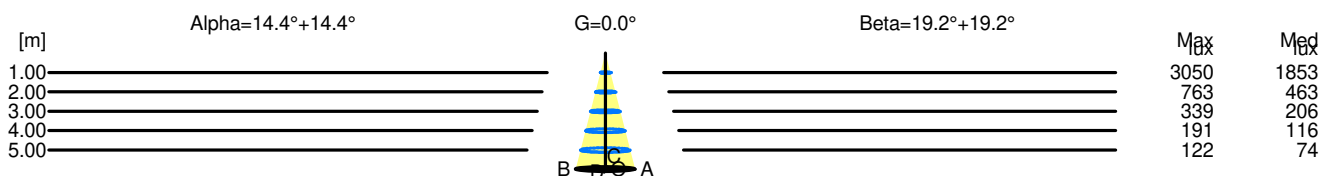
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C.I.E.	93 98 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

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	0.26	0.51	0.77	1.03	1.28	OC	0.35	0.70	1.04	1.39	1.74
OB	0.26	0.51	0.77	1.03	1.28	OD	0.35	0.70	1.04	1.39	1.74

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3050.37	2855.68	1416.93	173.66	33.39	17.40	9.62	6.17	4.07	1.12
OB	3050.37	2855.68	1416.93	173.66	33.39	17.40	9.62	6.17	4.07	1.12
OC	3050.37	2900.91	1974.54	975.09	375.97	107.93	83.11	54.86	33.44	7.00
OD	3050.37	2900.91	1974.54	975.09	375.97	107.93	83.11	54.86	33.44	7.00



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.51	3050	1853		
2.00	1.03	763	463		
3.00	1.54	339	206		
4.00	2.05	191	116		
5.00	2.57	122	74		

H[m]	D[m]	Max lux	Med lux	Beta=19.2°+19.2°	G=0.0
1.00	0.70	3050	1853		
2.00	1.39	763	463		
3.00	2.09	339	206		
4.00	2.78	191	116		
5.00	3.48	122	74		