

Luminaire

Code BW42004+AP91200
 Name VECTOR SPOT 55 CHANNEL 14W 4000K SP BLK + LENS FOR ELLIPTICAL EMISSION

Measurement

Code FTS2300103
 Name VECTOR SPOT 55 CHANNEL 14W 4000K SP BLK + LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	762 lm	Luminaire Power	14.0 W	Efficacy	54.398 lm/W	Efficiency	100.00%
Source Flux	762 lm	Maximum value	3966.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	55 mm	Height	109 mm		
Round Luminous Area		Diam.	51 mm	Height	0 mm		
Horizontal Luminous Area		0.002043 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°		0.000494 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		24-02-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		762 lm	
LED Flux=1685lm LED Power=14W Eff=45% EfcLed=120lm/W EfcLum=54lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h							
C.I.E.	94 98 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



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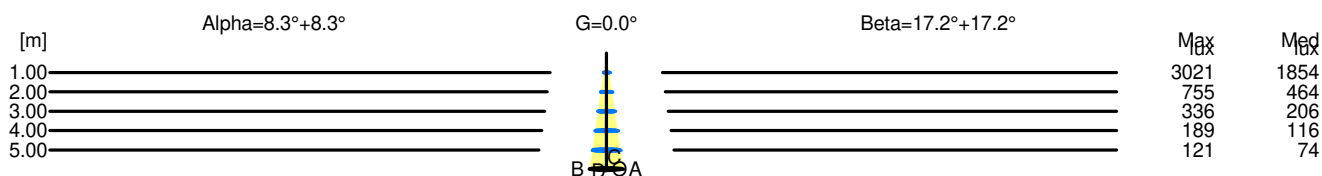
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Width at 50.00 % of Max Intensity

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	0.29	0.44	0.59	0.73	OC	0.31	0.62	0.93	1.24	1.55
OB	0.15	0.29	0.44	0.59	0.73	OD	0.31	0.62	0.93	1.24	1.55

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3021.07	2340.53	590.37	106.95	18.26	9.69	5.54	3.87	3.12	0.90
OB	3021.07	2340.53	590.37	106.95	18.26	9.69	5.54	3.87	3.12	0.90
OC	3021.07	2819.05	1739.65	805.67	262.22	66.59	47.43	30.45	20.22	5.58
OD	3021.07	2819.05	1739.65	805.67	262.22	66.59	47.43	30.45	20.22	5.58



H[m]	D[m]	Max lux	Med lux	Alpha=8.3°+8.3°	G=0.0
1.00	0.29	3021	1854		
2.00	0.59	755	464		
3.00	0.88	336	206		
4.00	1.17	189	116		
5.00	1.46	121	74		

H[m]	D[m]	Max lux	Med lux	Beta=17.2°+17.2°	G=0.0
1.00	0.62	3021	1854		
2.00	1.24	755	464		
3.00	1.85	336	206		
4.00	2.47	189	116		
5.00	3.09	121	74		