

## Luminaire

Code BQ31104+AP91200  
 Name VECTOR 55 CEILING 927 SP BLK + LENS FOR ELLIPTICAL EMISSION

## Measurement

Code FTS2400110.  
 Name VECTOR 55 CEILING 927 SP BLK + LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1066 lm	Luminaire Power	20.0 W	Efficacy	53.300 lm/W	Efficiency	100.00%
Source Flux	1066 lm	Maximum value	3966.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	55 mm	Height	130 mm		
Round Luminous Area		Diam.	48 mm	Height	0 mm		
Horizontal Luminous Area		0.001810 m <sup>2</sup>		Emitting area on Plane 180°		0.000000 m <sup>2</sup>	
Emitting area on Plane 0°		0.000000 m <sup>2</sup>		Emitting area on Plane 270°		0.000000 m <sup>2</sup>	
Emitting area on Plane 90°		0.000000 m <sup>2</sup>		Glare area at 76°		0.000438 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		22-05-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1066 lm	
LED Flux=2359lm LED Power=17W Eff=45% EfcLed=136lm/W EfcLum=53lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(9k)=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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## Measurem.

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Luminaire Flux	1066 lm	Luminaire Power	20.0 W	Efficacy	53.300 lm/W	Efficiency	100.00%
Source Flux	1066 lm	Maximum value	3966.90 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
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		Double Symmetrical	
Date		22-05-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1066 lm	

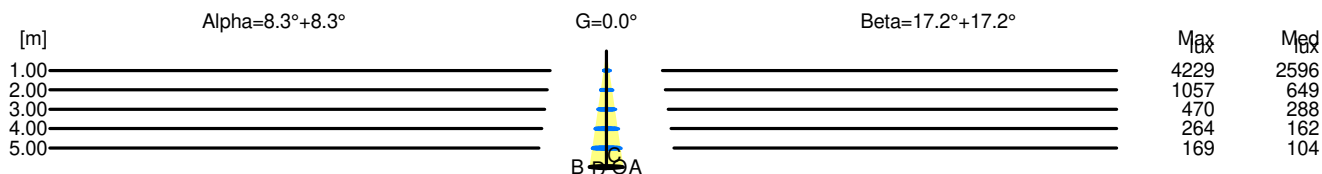
LED Flux=2359lm LED Power=17W Eff=45% EfcLed=136lm/W EfcLum=53lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(9k)=50000h

C.I.E.	94 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	0.15	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	4228.72	3276.14	826.37	149.71	25.57	13.56	7.75	5.41	4.36	1.26
OB	4228.72	3276.14	826.37	149.71	25.57	13.56	7.75	5.41	4.36	1.26
OC	4228.72	3945.94	2435.06	1127.73	367.04	93.22	66.38	42.62	28.30	7.81
OD	4228.72	3945.94	2435.06	1127.73	367.04	93.22	66.38	42.62	28.30	7.81



H[m]	D[m]	Max lux	Med lux	Alpha=8.3°+8.3°	G=0.0
1.00	0.29	4229	2596		
2.00	0.59	1057	649		
3.00	0.88	470	288		
4.00	1.17	264	162		
5.00	1.46	169	104		

H[m]	D[m]	Max lux	Med lux	Beta=17.2°+17.2°	G=0.0
1.00	0.62	4229	2596		
2.00	1.24	1057	649		
3.00	1.85	470	288		
4.00	2.47	264	162		
5.00	3.09	169	104		