

Luminaire

Code BQ30101+AP90200
 Name VECTOR 55 CEILING 930 SP WHT + LENS FOR ELLIPTICAL EMISSION

Measurement

Code FTS2400046.
 Name VECTOR 55 CEILING 930 SP WHT + LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1126 lm	Luminaire Power	20.0 W	Efficacy	56.300 lm/W	Efficiency	100.00%
Source Flux	1126 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		13-03-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1126 lm	
LED Flux=2491lm LED Power=17W Eff=45% EfcLed=143lm/W EfcLum=56lm/W CCT=3000K 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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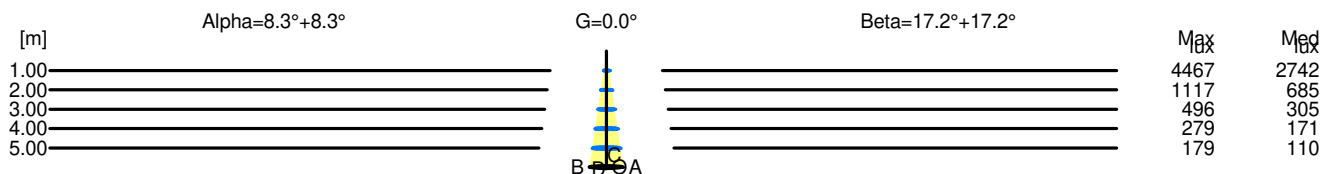
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Width at 50.00 % of Max Intensity

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	4466.73	3460.54	872.88	158.13	27.01	14.32	8.19	5.72	4.61	1.33
OB	4466.73	3460.54	872.88	158.13	27.01	14.32	8.19	5.72	4.61	1.33
OC	4466.73	4168.04	2572.12	1191.20	387.70	98.46	70.12	45.01	29.90	8.25
OD	4466.73	4168.04	2572.12	1191.20	387.70	98.46	70.12	45.01	29.90	8.25



H[m]	D[m]	Max lux	Med lux	Alpha=8.3°+8.3°	G=0.0
1.00	0.29	4467	2742		
2.00	0.59	1117	685		
3.00	0.88	496	305		
4.00	1.17	279	171		
5.00	1.46	179	110		

H[m]	D[m]	Max lux	Med lux	Beta=17.2°+17.2°	G=0.0
1.00	0.62	4467	2742		
2.00	1.24	1117	685		
3.00	1.85	496	305		
4.00	2.47	279	171		
5.00	3.09	179	110		