

Luminaire

Code BQ35104+AP91200
Name VECTOR 55 CEILING 940 SP BLK + LENS FOR ELLIPTICAL EMISSION

Measur.

Code FTS2600151
Name VECTOR 55 CEILING 940 SP BLK + LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1218 lm	Luminaire Power	20.0 W	Efficacy	60.900 lm/W	Efficiency	100.00%
Source Flux	1218 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		15-02-2024		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1218 lm	
LED Flux=2694lm LED Power=17W Eff=45% EfcLed=155lm/W EfcLum=61lm/W CCT=4000K 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		



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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Measurem.

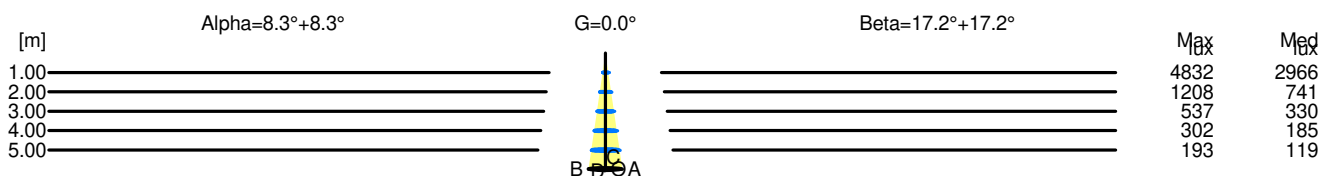
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C.I.E.	94 98 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		

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	4831.68	3743.28	944.20	171.05	29.21	15.49	8.86	6.19	4.99	1.44
OB	4831.68	3743.28	944.20	171.05	29.21	15.49	8.86	6.19	4.99	1.44
OC	4831.68	4508.59	2782.28	1288.53	419.38	106.51	75.85	48.69	32.34	8.92
OD	4831.68	4508.59	2782.28	1288.53	419.38	106.51	75.85	48.69	32.34	8.92



H[m]	D[m]	Max lux	Med lux	Alpha=8.3°+8.3°	G=0.0
1.00	0.29	4832	2966		
2.00	0.59	1208	741		
3.00	0.88	537	330		
4.00	1.17	302	185		
5.00	1.46	193	119		

H[m]	D[m]	Max lux	Med lux	Beta=17.2°+17.2°	G=0.0
1.00	0.62	4832	2966		
2.00	1.24	1208	741		
3.00	1.85	537	330		
4.00	2.47	302	185		
5.00	3.09	193	119		