

Luminaire

Code AQ54001
Name A.24 INC SA360 1122 DIFF 3000K WH 230V*

Measurement

Code FTS2000775-A
Name A.24 INC SA360 1122 DIFF 3000K WH 230V*

Luminaire Flux	9044 lm	Luminaire Power	88.0 W	Efficacy	102.773 lm/W	Efficiency	100.00%
Source Flux	9044 lm	Maximum value	350.39 cd/klm	Position	C=85.00 G=1.00	CG	Double Symmetrical
Round Luminaire		Diam.	1122 mm	Height	50 mm		
Round Luminous Area		Diam.	304 mm	Height	0 mm		
Horizontal Luminous Area			0.072583 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°			0.017560 m2
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		06-12-2023		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		9044 lm	
LED Flux=14928lm LED Power=80W Eff=61% EfcLed=187lm/W EfcLum=103lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	47 79 96 100 100			D DIN 5040	A30		
F UTE	1.00 E			B NBN	BZ 5 / 1.5 / BZ 4		



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Measurment.

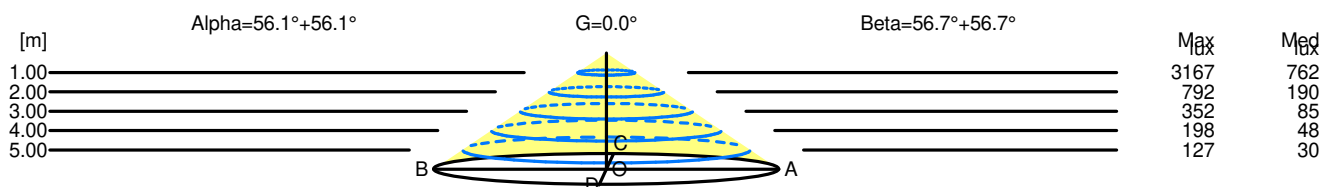
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Width at 50.00 % of Max Intensity

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	1.49	2.97	4.46	5.94	7.43	OC	1.52	3.04	4.57	6.09	7.61
OB	1.49	2.97	4.46	5.94	7.43	OD	1.52	3.04	4.57	6.09	7.61

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3167.11	3151.71	3031.27	2809.23	2490.12	2091.77	1635.43	1122.79	582.87	130.45
OB	3167.11	3151.71	3031.27	2809.23	2490.12	2091.77	1635.43	1122.79	582.87	130.45
OC	3167.11	3153.71	3044.36	2827.47	2520.69	2126.18	1666.34	1155.35	614.66	160.63
OD	3167.11	3153.71	3044.36	2827.47	2520.69	2126.18	1666.34	1155.35	614.66	160.63



H[m]	D[m]	Max lux	Med lux	Alpha=56.1°+56.1°	G=0.0
1.00	2.97	3167	762		
2.00	5.94	792	190		
3.00	8.91	352	85		
4.00	11.89	198	48		
5.00	14.86	127	30		

H[m]	D[m]	Max lux	Med lux	Beta=56.7°+56.7°	G=0.0
1.00	3.04	3167	762		
2.00	6.09	792	190		
3.00	9.13	352	85		
4.00	12.18	198	48		
5.00	15.22	127	30		