

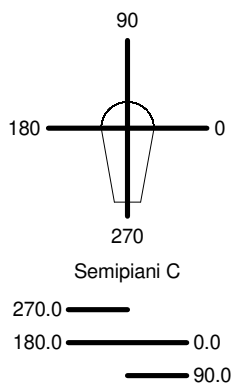
Luminaire

Code TT42000
Name SOMNIUM S SYS. D+I CURVA 45° 4000K ALU

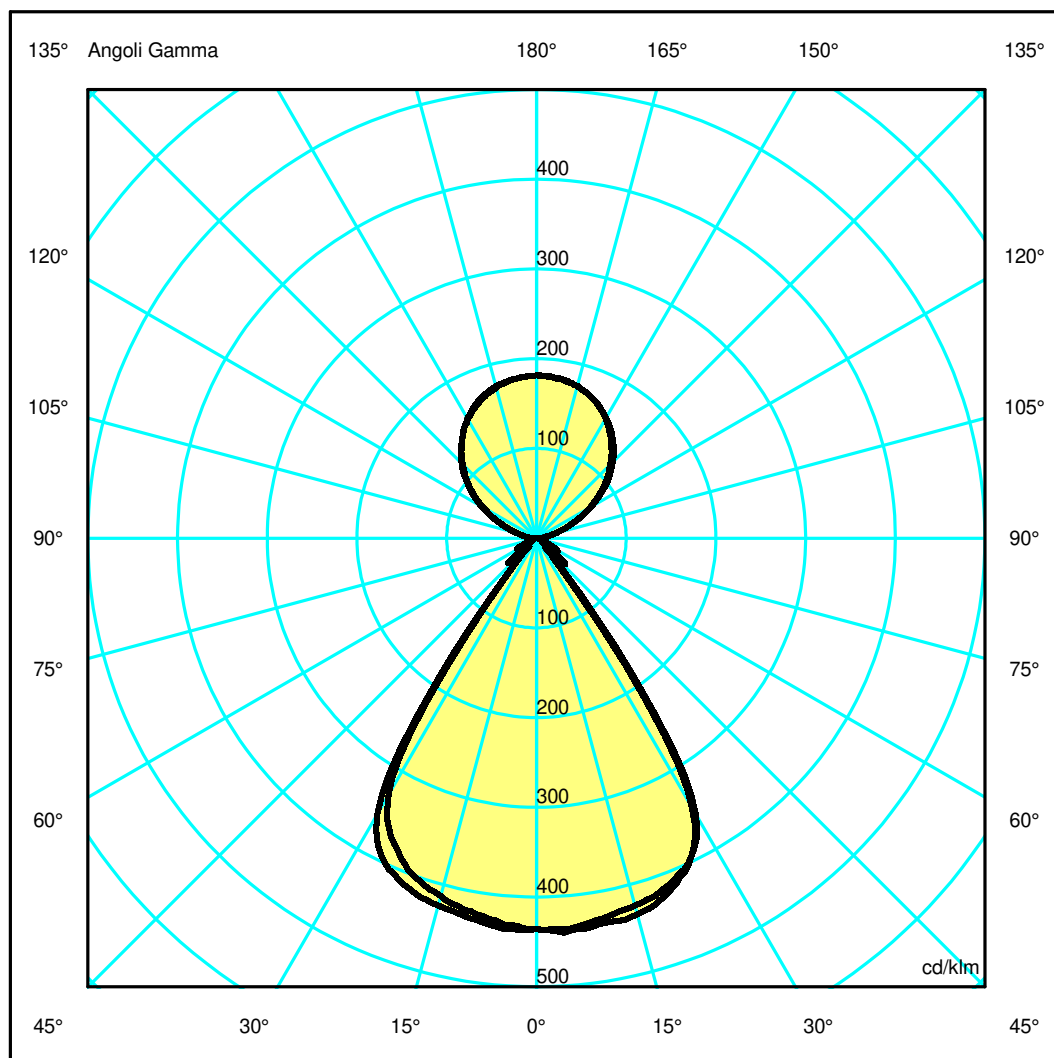
Measurement

Code FTS2500062
Name SOMNIUM S SYS. D+I CURVA 45° 4000K ALU

Luminaire Flux	829 lm	Luminaire Power	5.4 W	Efficacy	153.519 lm/W	Efficiency	100.00%
Source Flux	829 lm	Maximum value	440.65 cd/klm	Position	C=90.00 G=4.00	CG	Sym. on planes 270-90
Rectangular Luminaire		Length	420 mm	Width	69 mm	Height	32 mm
Rectangular Luminous Area		Length	420 mm	Width	30 mm	Height	18 mm
Horizontal Luminous Area		0.012600 m2		Emitting area on Plane 180°		0.007560 m2	
Emitting area on Plane 0°		0.007560 m2		Emitting area on Plane 270°		0.000540 m2	
Emitting area on Plane 90°		0.000540 m2		Glare area at 76°		0.010384 m2	
Coordinate system		CG Roads		Symmetry Type		Sym. on planes 270-90	
Date		13-05-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		829 lm	
LED Flux=896lm LED Power=5.4W Eff=93% EfcLed=166lm/W EfcLum=154lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	93 97 99 52 100			D DIN 5040		C61	



ULOR 48.22 %
DLOR 51.78 %
RN 48.22 %



Luminaire

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Measurem.

Code FTS2500062
Name SOMNIUM S SYS. D+I CURVA 45° 4000K ALU

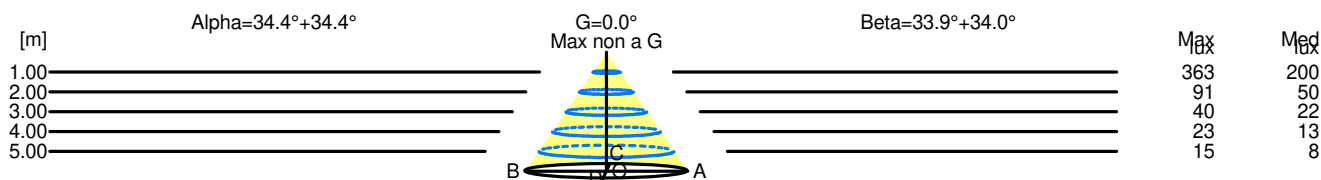
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Width at 50.00 % of Max Intensity

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	0.68	1.37	2.05	2.74	3.42	OC	0.67	1.35	2.02	2.69	3.36
OB	0.68	1.37	2.05	2.74	3.42	OD	0.67	1.35	2.02	2.69	3.37

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	360.99	361.89	351.34	331.30	158.18	13.02	7.57	4.55	3.15	2.07
OB	360.99	361.89	351.34	331.30	158.18	13.02	7.57	4.55	3.15	2.07
OC	360.99	363.63	359.68	332.57	142.70	20.21	22.59	10.82	2.53	1.18
OD	360.99	358.04	342.25	311.29	142.99	13.29	18.72	12.62	3.05	1.23



H[m]	D[m]	Max lux	Med lux	Alpha=34.4°+34.4°	G=0.0 Max non a G	
1.00	1.37	363	200			
2.00	2.74	91	50			
3.00	4.10	40	22			
4.00	5.47	23	13			
5.00	6.84	15	8			

H[m]	D[m]	Max lux	Med lux	Beta=34.0°+33.9°	G=0.0 Max non a G	
1.00	1.35	363	200			
2.00	2.69	91	50			
3.00	4.04	40	22			
4.00	5.38	23	13			
5.00	6.73	15	8			