

## Luminaire

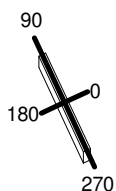
Code TT01000  
Name SOMNIUM S SYS. D+I 420mm 3000K ALU

## Measurement

Code FTS2500046  
Name SOMNIUM S SYS. D+I 420mm 3000K ALU

Luminaire Flux	829 lm	Luminaire Power	5.4 W	Efficacy	153.519 lm/W	Efficiency	100.00%
Source Flux	829 lm	Maximum value	445.64 cd/klm	Position	C=10.00 G=4.00	CG	Double Symmetrical
Rectangular Luminaire		Length	420 mm	Width	30 mm	Height	32 mm
Rectangular Luminous Area		Length	420 mm	Width	30 mm	Height	18 mm
Horizontal Luminous Area		0.012600 m <sup>2</sup>		Emitting area on Plane 180°		0.007560 m <sup>2</sup>	
Emitting area on Plane 0°		0.007560 m <sup>2</sup>		Emitting area on Plane 270°		0.000540 m <sup>2</sup>	
Emitting area on Plane 90°		0.000540 m <sup>2</sup>		Glare area at 76°		0.010384 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		28-02-2025		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=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	94 98 99 52 100			D DIN 5040		C61	
F UTE	0.52 A + 0.48 T			B NBN		BZ 1	

420mm x 30mm



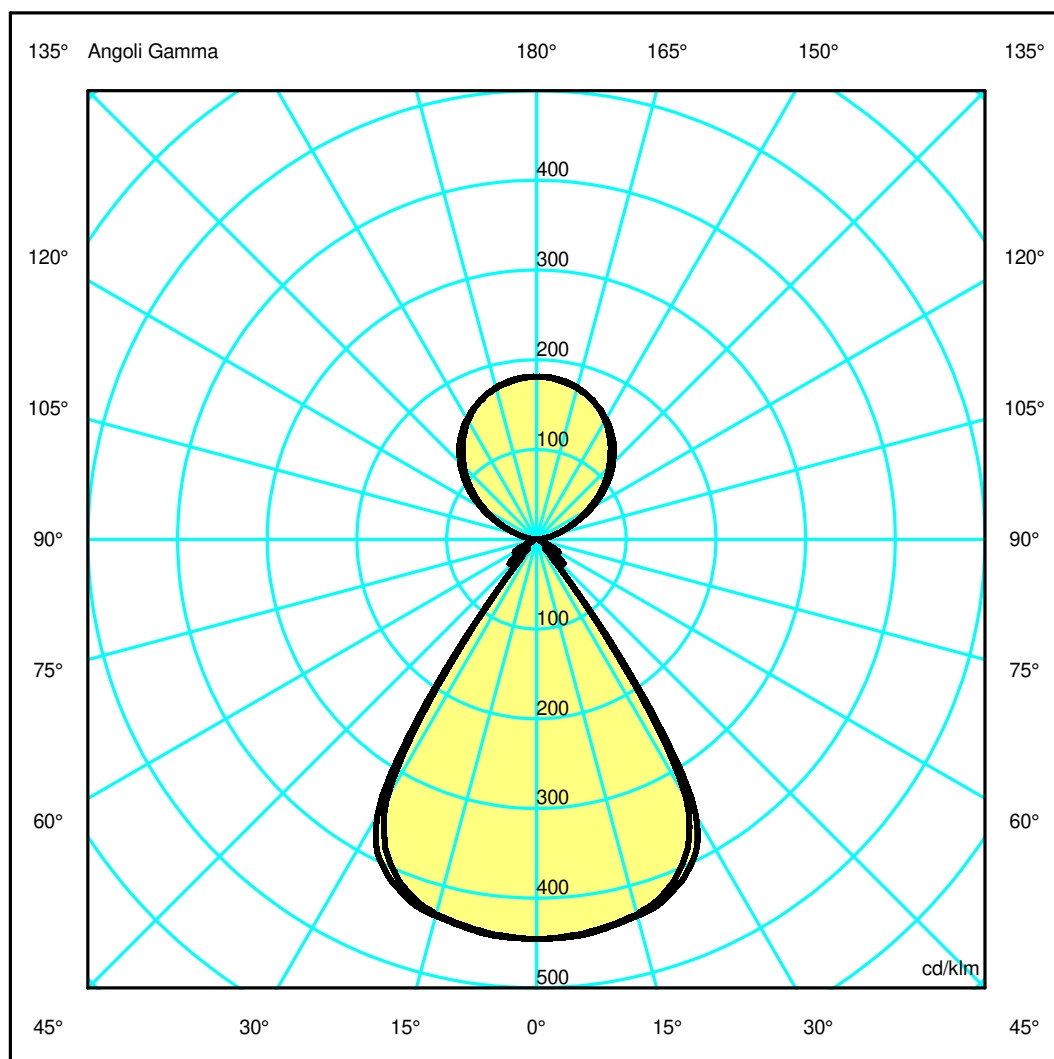
Semipiani C

180.0 — 0.0  
270.0 — 90.0

ULOR 48.09 %

DLOR 51.91 %

RN 48.09 %



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## Measurem.

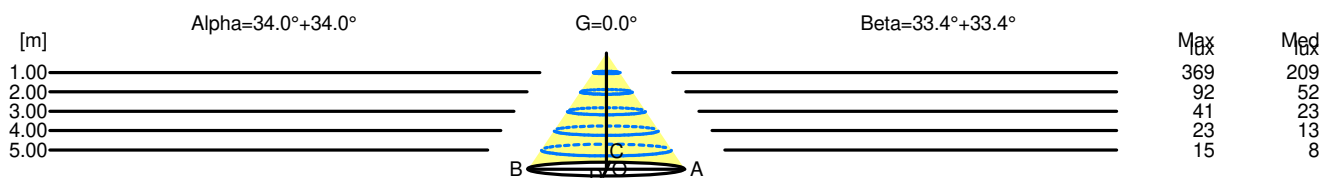
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C.I.E.	94 98 99 52 100			D DIN 5040	C61		
F UTE	0.52 A + 0.48 T			B NBN	BZ 1		

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	0.67	1.35	2.02	2.70	3.37	OC	0.66	1.32	1.98	2.64	3.30
OB	0.67	1.35	2.02	2.70	3.37	OD	0.66	1.32	1.98	2.64	3.30

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	369.27	368.54	360.18	334.53	145.94	13.40	9.28	4.65	2.93	1.69
OB	369.27	368.54	360.18	334.53	145.94	13.40	9.28	4.65	2.93	1.69
OC	369.27	367.36	358.71	324.26	129.12	20.48	22.08	12.24	2.29	0.93
OD	369.27	367.36	358.71	324.26	129.12	20.48	22.08	12.24	2.29	0.93



H[m]	D[m]	Max lux	Med lux	Alpha=34.0°+34.0°	G=0.0
1.00	1.35	369	209		
2.00	2.70	92	52		
3.00	4.04	41	23		
4.00	5.39	23	13		
5.00	6.74	15	8		

H[m]	D[m]	Max lux	Med lux	Beta=33.4°+33.4°	G=0.0
1.00	1.32	369	209		
2.00	2.64	92	52		
3.00	3.96	41	23		
4.00	5.28	23	13		
5.00	6.59	15	8		