

Luminaire

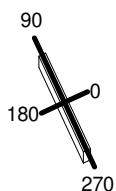
Code TT02000
Name SOMNIUM S SYS. D+I 420mm 4000K ALU

Measurement

Code FTS2500058
Name SOMNIUM S SYS. D+I 420mm 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	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 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		Symmetry Type		Double Symmetrical	
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.	94 98 99 52 100			D DIN 5040		C61	
F UTE	0.52 A + 0.48 T			B NBN		BZ 1	

420mm x 30mm



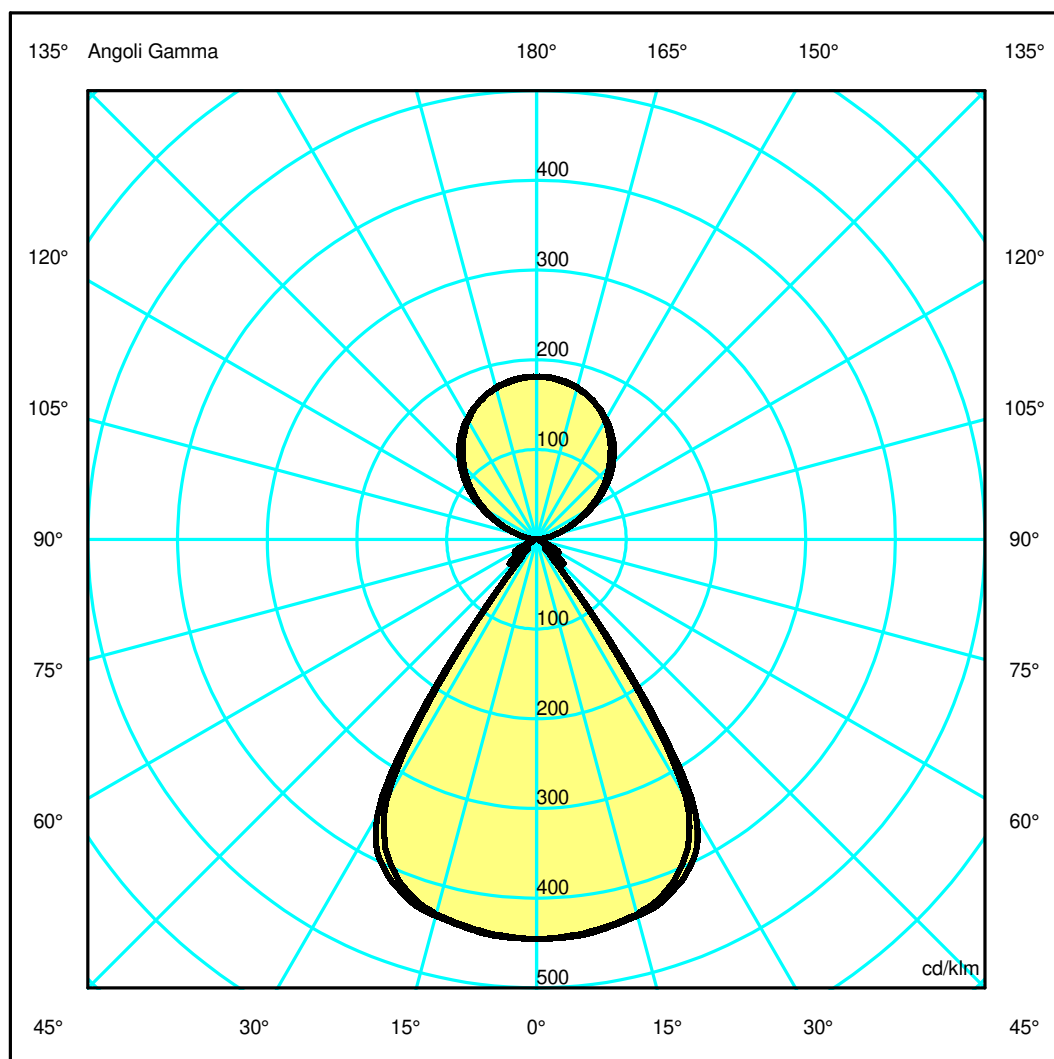
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 48.09 %

DLOR 51.91 %

RN 48.09 %



Luminaire

Code TT02000
Name SOMNIUM S SYS. D+I 420mm 4000K ALU

Measurem.

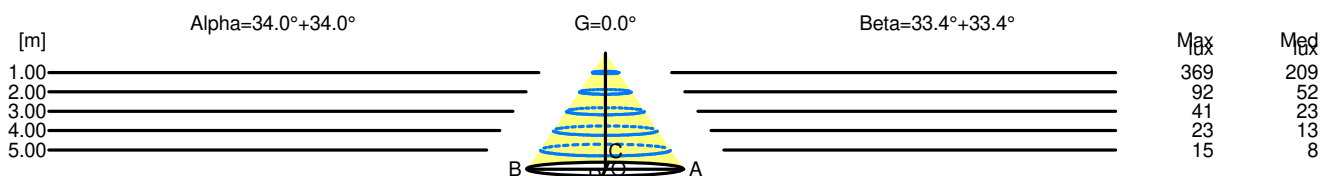
Code FTS2500058
Name SOMNIUM S SYS. D+I 420mm 4000K ALU

Luminaire Flux	829 lm	Luminaire Power	5.4 W	Efficacy	153.519 lm/W	Efficiency	100.00%
Source Flux	829 lm	Maximum value	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 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		Symmetry Type		Double Symmetrical	
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.	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		