

## Luminaire

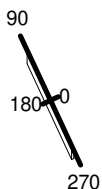
Code TT21000  
Name SOMNIUM S SYS. D+I 1260mm 3000K ALU

## Measurement

Code FTS2500048  
Name SOMNIUM S SYS. D+I 1260mm 3000K ALU

Luminaire Flux	2488 lm	Luminaire Power	16.0 W	Efficacy	155.500 lm/W	Efficiency	100.00%
Source Flux	2488 lm	Maximum value	445.80 cd/klm	Position	C=10.00 G=4.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1260 mm	Width	30 mm	Height	32 mm
Rectangular Luminous Area		Length	1260 mm	Width	30 mm	Height	18 mm
Horizontal Luminous Area		0.037800 m <sup>2</sup>		Emitting area on Plane 180°		0.022680 m <sup>2</sup>	
Emitting area on Plane 0°		0.022680 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°		0.031151 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		2488 lm	
LED Flux=2687lm LED Power=16W Eff=93% EfcLed=168lm/W EfcLum=156lm/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	

1260mm x 30mm



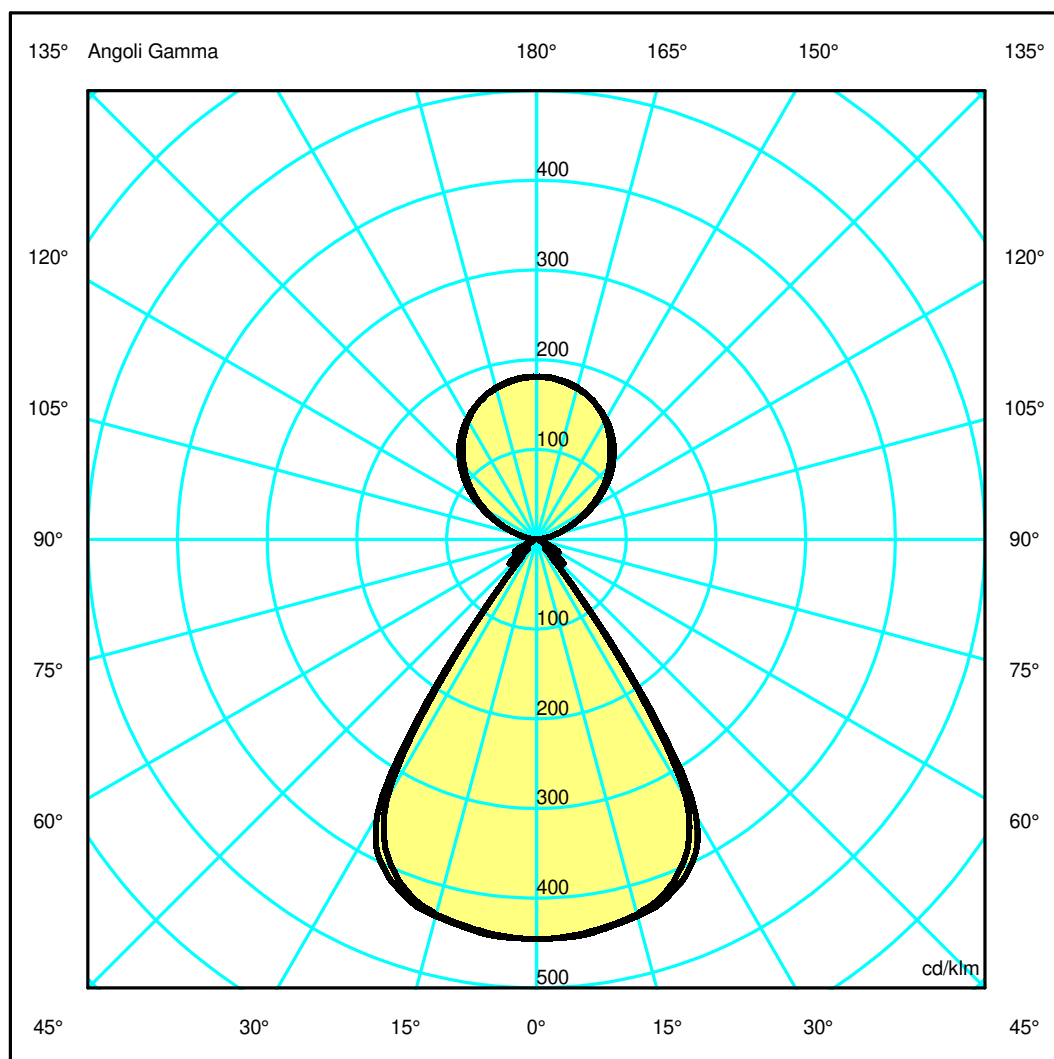
Semipiani C

180.0 — 0.0  
270.0 — 90.0

ULOR 48.07 %

DLOR 51.93 %

RN 48.07 %



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## Measurem.

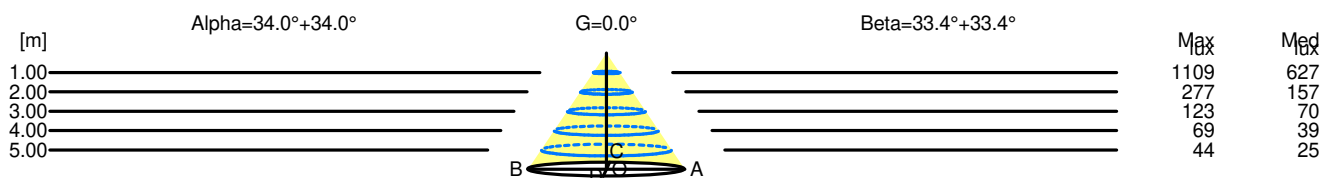
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Rectangular Luminous Area		Length	1260 mm	Width	30 mm	Height	18 mm
Horizontal Luminous Area		0.037800 m2		Emitting area on Plane 180°		0.022680 m2	
Emitting area on Plane 0°		0.022680 m2		Emitting area on Plane 270°		0.000540 m2	
Emitting area on Plane 90°		0.000540 m2		Glare area at 76°		0.031151 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		28-02-2025		Maximum Gamma Angle		180	
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LED Flux=2687lm LED Power=16W Eff=93% EfcLed=168lm/W EfcLum=156lm/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	

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	1108.65	1106.45	1081.35	1004.35	438.15	40.24	27.85	13.97	8.81	5.08
OB	1108.65	1106.45	1081.35	1004.35	438.15	40.24	27.85	13.97	8.81	5.08
OC	1108.65	1102.92	1076.96	973.52	387.64	61.48	66.29	36.74	6.86	2.80
OD	1108.65	1102.92	1076.96	973.52	387.64	61.48	66.29	36.74	6.86	2.80



H[m]	D[m]	Max lux	Med lux	Alpha=34.0°+34.0°	G=0.0
1.00	1.35	1109	627		
2.00	2.70	277	157		
3.00	4.04	123	70		
4.00	5.39	69	39		
5.00	6.74	44	25		

H[m]	D[m]	Max lux	Med lux	Beta=33.4°+33.4°	G=0.0
1.00	1.32	1109	627		
2.00	2.64	277	157		
3.00	3.96	123	70		
4.00	5.28	69	39		
5.00	6.59	44	25		