

Luminaire

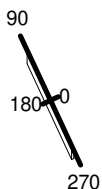
Code TT22000
Name SOMNIUM S SYS. D+I 1260mm 4000K ALU

Measurement

Code FTS2500060
Name SOMNIUM S SYS. D+I 1260mm 4000K 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 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		13-05-2025		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=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	

1260mm x 30mm



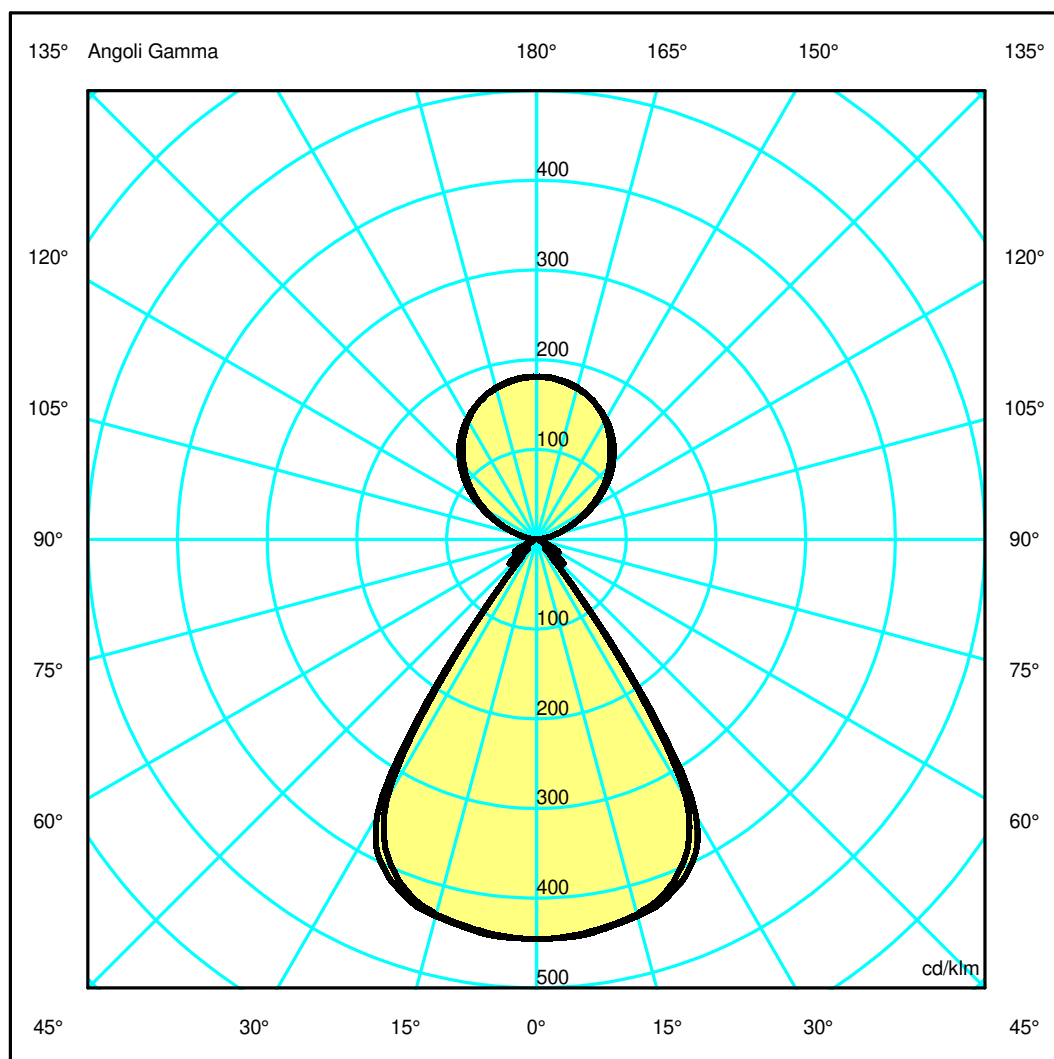
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 48.07 %

DLOR 51.93 %

RN 48.07 %



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Measurem.

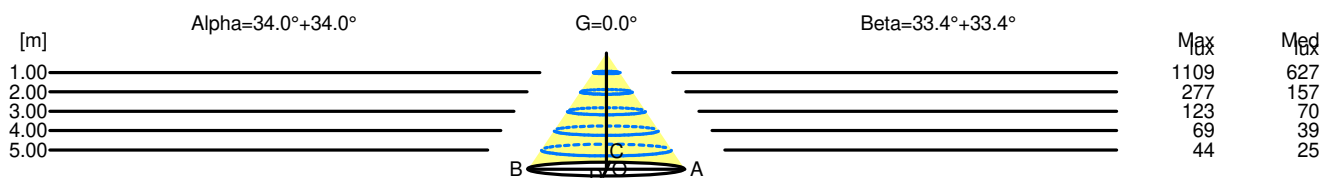
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C.I.E.	94 98 99 52 100			D DIN 5040	C61		
F UTE	0.52 A + 0.48 T			B NBN	BZ 1		

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		