

Luminaire

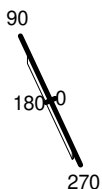
Code TT81000
Name SOMNIUM S D+I 2100mm 3000K ALU

Measur.

Code FTS2500123
Name SOMNIUM S D+I 2100mm 3000K ALU

Luminaire Flux	5479 lm	Luminaire Power	34.0 W	Efficacy	161.147 lm/W	Efficiency	100.00%
Source Flux	5479 lm	Maximum value	445.93 cd/klm	Position	C=10.00 G=4.00	CG	Double Symmetrical
Rectangular Luminaire		Length	2100 mm	Width	30 mm	Height	32 mm
Rectangular Luminous Area		Length	2100 mm	Width	30 mm	Height	18 mm
Horizontal Luminous Area		0.063000 m2		Emitting area on Plane 180°		0.037800 m2	
Emitting area on Plane 0°		0.037800 m2		Emitting area on Plane 270°		0.000540 m2	
Emitting area on Plane 90°		0.000540 m2		Glare area at 76°		0.051918 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		28-02-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5479 lm	
LED Flux=5918lm LED Power=31W Eff=93% EfcLed=192lm/W EfcLum=161lm/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	

2100mm x 30mm



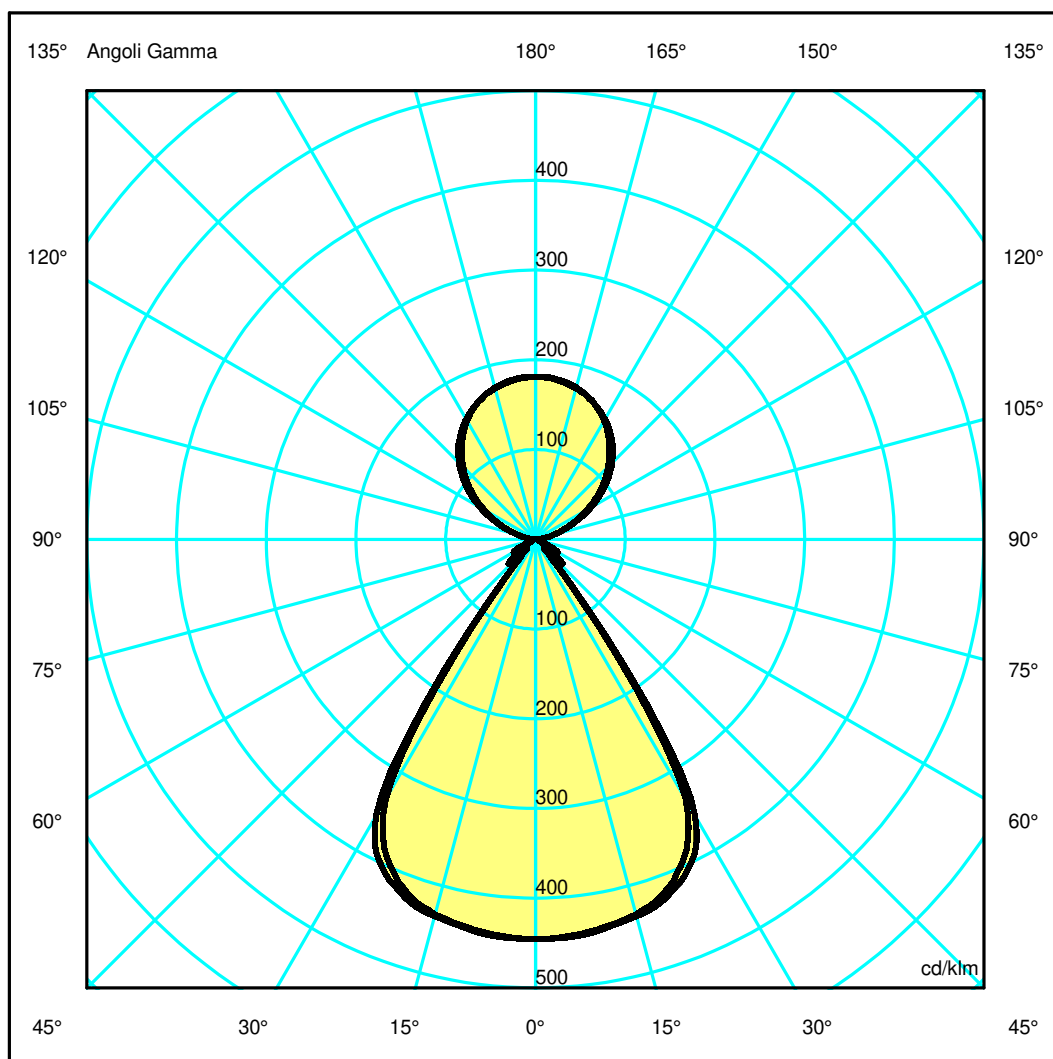
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 48.06 %

DLOR 51.94 %

RN 48.06 %



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Measurem.

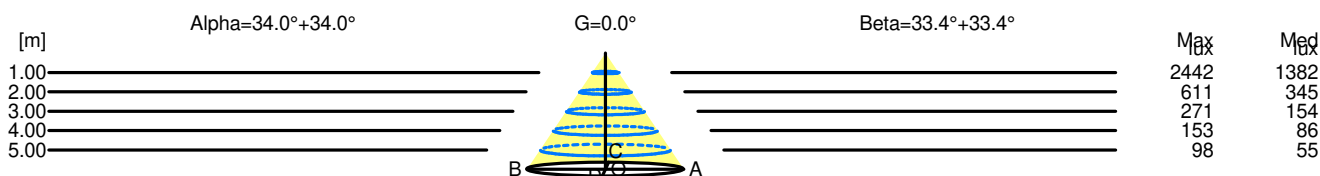
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Width at 50.00 % of Max Intensity

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	0.67	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	2442.13	2437.28	2382.00	2212.38	965.15	88.64	61.36	30.76	19.40	11.20
OB	2442.13	2437.28	2382.00	2212.38	965.15	88.64	61.36	30.76	19.40	11.20
OC	2442.13	2429.51	2372.31	2144.46	853.90	135.42	146.02	80.93	15.12	6.17
OD	2442.13	2429.51	2372.31	2144.46	853.90	135.42	146.02	80.93	15.12	6.17



H[m]	D[m]	Max lux	Med lux	Alpha=34.0°+34.0°	G=0.0
1.00	1.35	2442	1382		
2.00	2.70	611	345		
3.00	4.04	271	154		
4.00	5.39	153	86		
5.00	6.74	98	55		

H[m]	D[m]	Max lux	Med lux	Beta=33.4°+33.4°	G=0.0
1.00	1.32	2442	1382		
2.00	2.64	611	345		
3.00	3.96	271	154		
4.00	5.28	153	86		
5.00	6.59	98	55		