

Luminaire

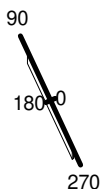
Code TT31000
Name SOMNIUM S SYS. D+I 2100mm 3000K ALU

Measurement

Code FTS2500049
Name SOMNIUM S SYS. D+I 2100mm 3000K ALU

Luminaire Flux	3710 lm	Luminaire Power	24.0 W	Efficacy	154.583 lm/W	Efficiency	100.00%
Source Flux	3710 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	1260 mm	Width	30 mm	Height	18 mm
Horizontal Luminous Area		0.037800 m ²		Emitting area on Plane 180°		0.022680 m ²	
Emitting area on Plane 0°		0.022680 m ²		Emitting area on Plane 270°		0.000540 m ²	
Emitting area on Plane 90°		0.000540 m ²		Glare area at 76°		0.031151 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		28-02-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		3710 lm	
LED Flux=4007lm LED Power=24W Eff=93% EfcLed=167lm/W EfcLum=155lm/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



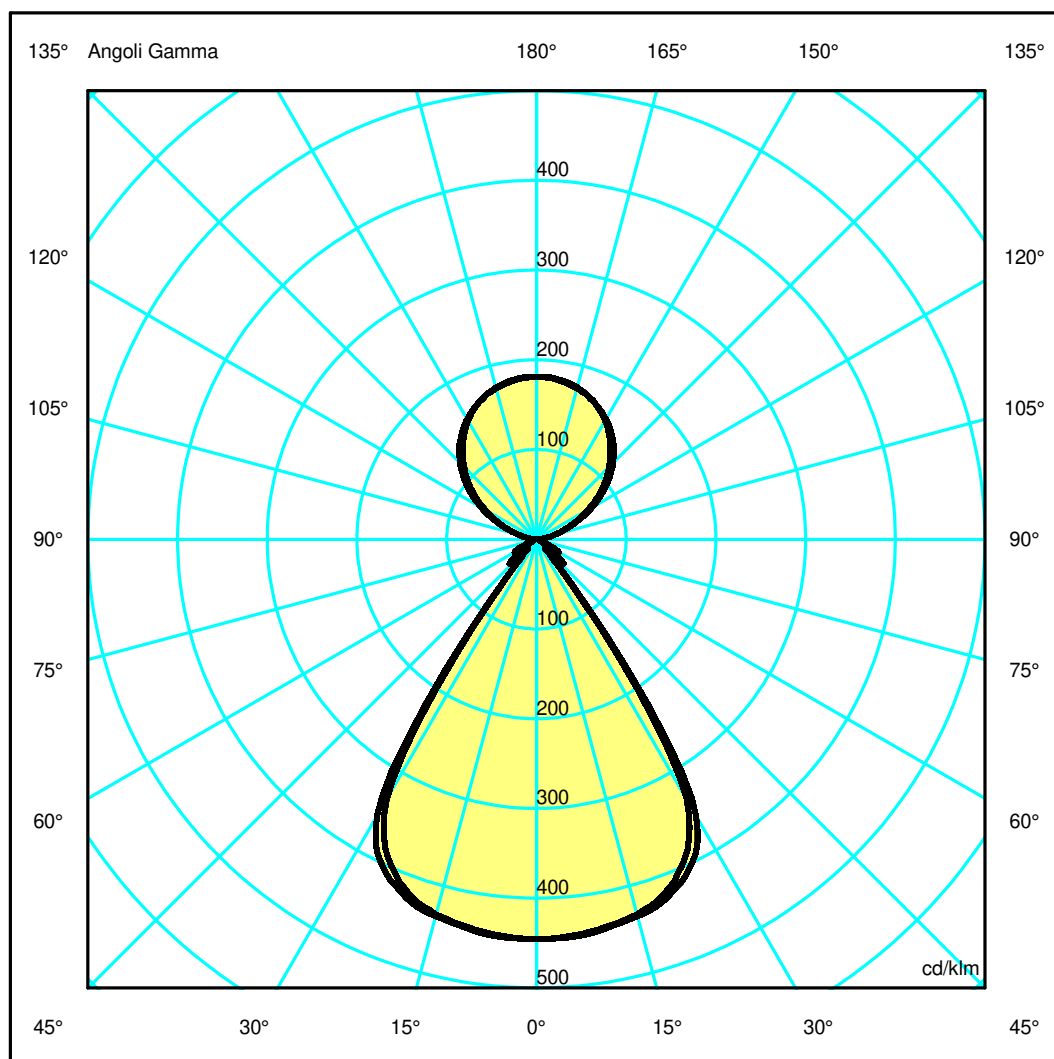
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 48.06 %

DLOR 51.94 %

RN 48.06 %



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Measurem.

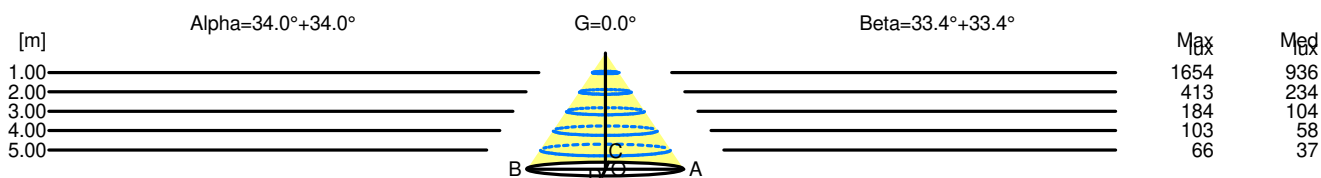
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C.I.E.	94 98 99 52 100			D DIN 5040	C61		
F UTE	0.52 A + 0.48 T			B NBN	BZ 1		

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	1653.64	1650.36	1612.92	1498.07	653.53	60.02	41.55	20.83	13.14	7.58
OB	1653.64	1650.36	1612.92	1498.07	653.53	60.02	41.55	20.83	13.14	7.58
OC	1653.64	1645.10	1606.37	1452.08	578.20	91.70	98.87	54.80	10.24	4.18
OD	1653.64	1645.10	1606.37	1452.08	578.20	91.70	98.87	54.80	10.24	4.18



H[m]	D[m]	Max lux	Med lux	Alpha=34.0°+34.0°	G=0.0
1.00	1.35	1654	936		
2.00	2.70	413	234		
3.00	4.04	184	104		
4.00	5.39	103	58		
5.00	6.74	66	37		

H[m]	D[m]	Max lux	Med lux	Beta=33.4°+33.4°	G=0.0
1.00	1.32	1654	936		
2.00	2.64	413	234		
3.00	3.96	184	104		
4.00	5.28	103	58		
5.00	6.59	66	37		