

Luminaire

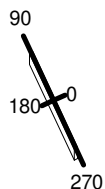
Code TT12000
Name SOMNIUM S SYS. D+I 840mm 4000K ALU

Measurem.

Code FTS2500059
Name SOMNIUM S SYS. D+I 840mm 4000K ALU

Luminaire Flux	1659 lm	Luminaire Power	10.5 W	Efficacy	158.000 lm/W	Efficiency	100.00%
Source Flux	1659 lm	Maximum value	445.88 cd/klm	Position	C=10.00 G=4.00	CG	Double Symmetrical
Rectangular Luminaire		Length	840 mm	Width	30 mm	Height	32 mm
Rectangular Luminous Area		Length	840 mm	Width	30 mm	Height	18 mm
Horizontal Luminous Area		0.025200 m2		Emitting area on Plane 180°		0.015120 m2	
Emitting area on Plane 0°		0.015120 m2		Emitting area on Plane 270°		0.000540 m2	
Emitting area on Plane 90°		0.000540 m2		Glare area at 76°		0.020767 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		13-05-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1659 lm	
LED Flux=1791lm LED Power=10.5W Eff=93% EfcLed=171lm/W EfcLum=158lm/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	

840mm x 30mm



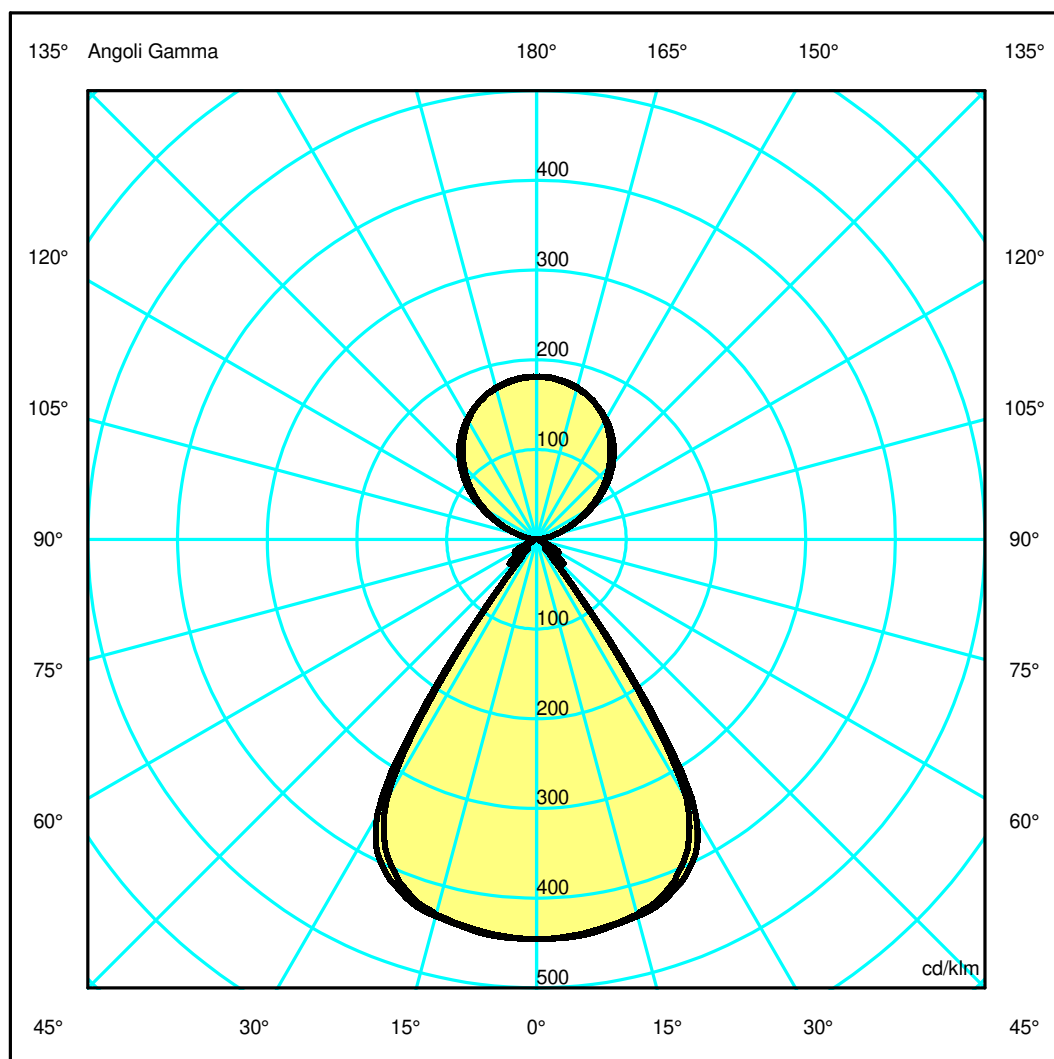
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 48.06 %

DLOR 51.94 %

RN 48.06 %



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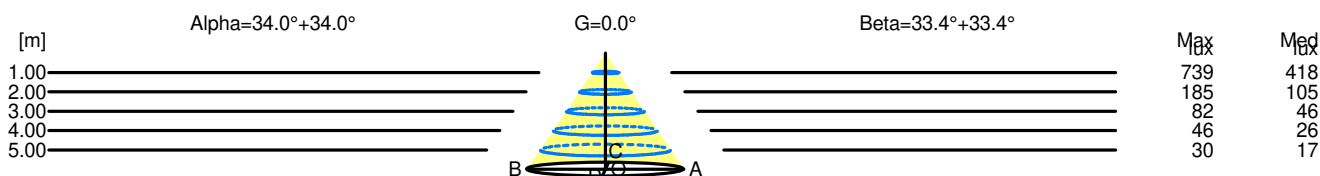
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F UTE	0.52 A + 0.48 T			B NBN	BZ 1		

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	739.38	737.92	721.18	669.82	292.21	26.84	18.58	9.31	5.87	3.39
OB	739.38	737.92	721.18	669.82	292.21	26.84	18.58	9.31	5.87	3.39
OC	739.38	735.56	718.25	649.26	258.53	41.00	44.21	24.50	4.58	1.87
OD	739.38	735.56	718.25	649.26	258.53	41.00	44.21	24.50	4.58	1.87



H[m]	D[m]	Max lux	Med lux	Alpha=34.0°+34.0°	G=0.0
1.00	1.35	739	418		
2.00	2.70	185	105		
3.00	4.04	82	46		
4.00	5.39	46	26		
5.00	6.74	30	17		

H[m]	D[m]	Max lux	Med lux	Beta=33.4°+33.4°	G=0.0
1.00	1.32	739	418		
2.00	2.64	185	105		
3.00	3.96	82	46		
4.00	5.28	46	26		
5.00	6.59	30	17		