

Luminaire

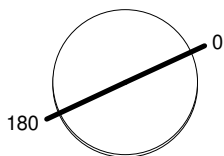
Code TT93000
Name SOMNIUM S D+I CIRC. 832mm 3000K ALU

Measur.

Code FTS2500149
Name SOMNIUM S D+I CIRC. 832mm 3000K ALU

Luminaire Flux	4452 lm	Luminaire Power	27.0 W	Efficacy	164.906 lm/W	Efficiency	100.00%
Source Flux	4452 lm	Maximum value	412.74 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	832 mm	Height	32 mm	Height	18 mm
Rectangular Luminous Area		Length	275 mm	Width	275 mm		
Horizontal Luminous Area		0.075625 m2		Emitting area on Plane 180°		0.004950 m2	
Emitting area on Plane 0°		0.004950 m2		Emitting area on Plane 270°		0.004950 m2	
Emitting area on Plane 90°		0.004950 m2		Glare area at 76°		0.023098 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		27-01-2000		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4452 lm	
LED Flux=4809lm LED Power=24W Eff=93% EfcLed=198lm/W EfcLum=165lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	89 96 99 50 100			D DIN 5040		C61	
F UTE	0.50 A + 0.50 T			B NBN		BZ 1	

Diam=832mm



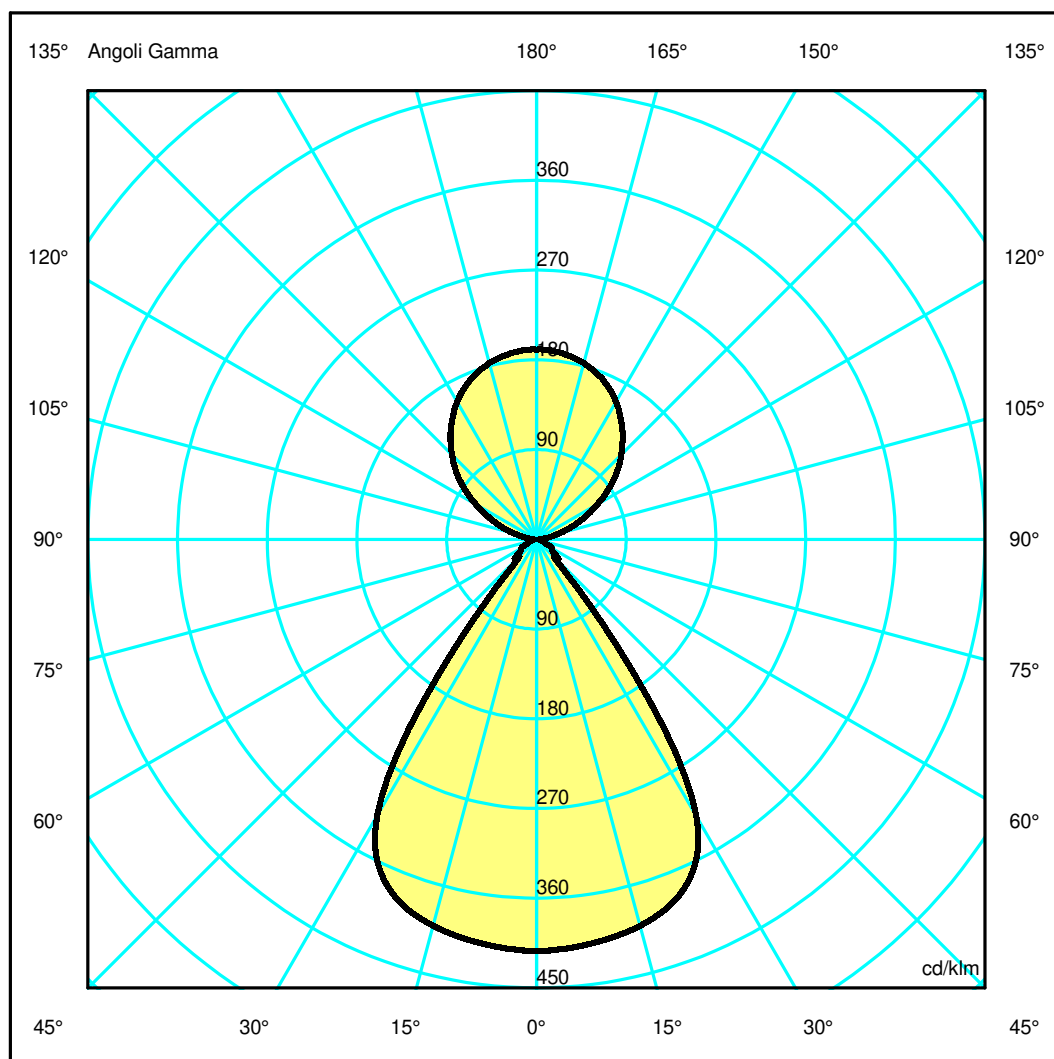
Semipiani C

180.0 ——— 0.0

ULOR 49.71 %

DLOR 50.29 %

RN 49.71 %



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Measurem.

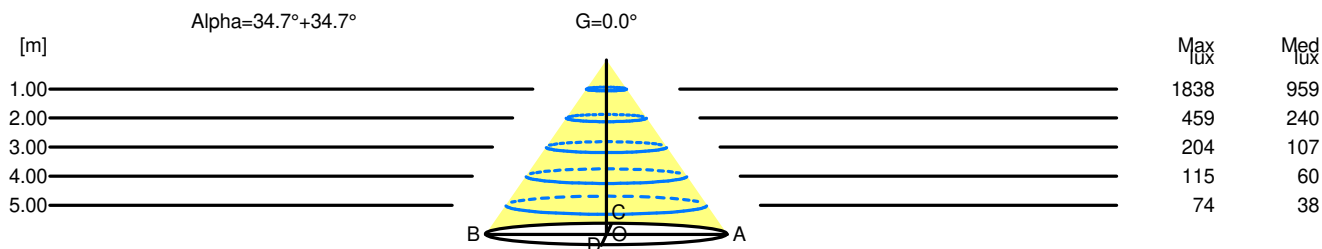
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C.I.E.	89 96 99 50 100			D DIN 5040	C61		
F UTE	0.50 A + 0.50 T			B NBN	BZ 1		

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	0.69	1.39	2.08	2.77	3.47	OC	0.69	1.39	2.08	2.77	3.47
OB	0.69	1.39	2.08	2.77	3.47	OD	0.69	1.39	2.08	2.77	3.47

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1837.71	1829.98	1786.49	1644.47	883.04	107.39	86.43	50.41	20.42	12.32
OB	1837.71	1829.98	1786.49	1644.47	883.04	107.39	86.43	50.41	20.42	12.32
OC	1837.71	1829.98	1786.49	1644.47	883.04	107.39	86.43	50.41	20.42	12.32
OD	1837.71	1829.98	1786.49	1644.47	883.04	107.39	86.43	50.41	20.42	12.32



H[m]	D[m]	Max lux	Med lux	Alpha=34.7°+34.7°	G=0.0
1.00	1.39	1838	959		
2.00	2.77	459	240		
3.00	4.16	204	107		
4.00	5.55	115	60		
5.00	6.93	74	38		