

Luminaire

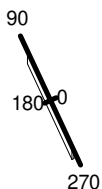
Code TT72000APP
Name SOMNIUM S D+I 1680mm 4000K ALU APP

Measurement

Code FTS2500126
Name SOMNIUM S D+I 1680mm 4000K ALU APP

Luminaire Flux	4383 lm	Luminaire Power	27.0 W	Efficacy	162.333 lm/W	Efficiency	100.00%
Source Flux	4383 lm	Maximum value	445.93 cd/klm	Position	C=10.00 G=4.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1680 mm	Width	30 mm	Height	32 mm
Rectangular Luminous Area		Length	1680 mm	Width	30 mm	Height	18 mm
Horizontal Luminous Area		0.050400 m ²		Emitting area on Plane 180°		0.030240 m ²	
Emitting area on Plane 0°		0.030240 m ²		Emitting area on Plane 270°		0.000540 m ²	
Emitting area on Plane 90°		0.000540 m ²		Glare area at 76°		0.041535 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		28-02-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4383 lm	
LED Flux=4735lm LED Power=25W Eff=93% EfcLed=192lm/W EfcLum=162lm/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	

1680mm x 30mm



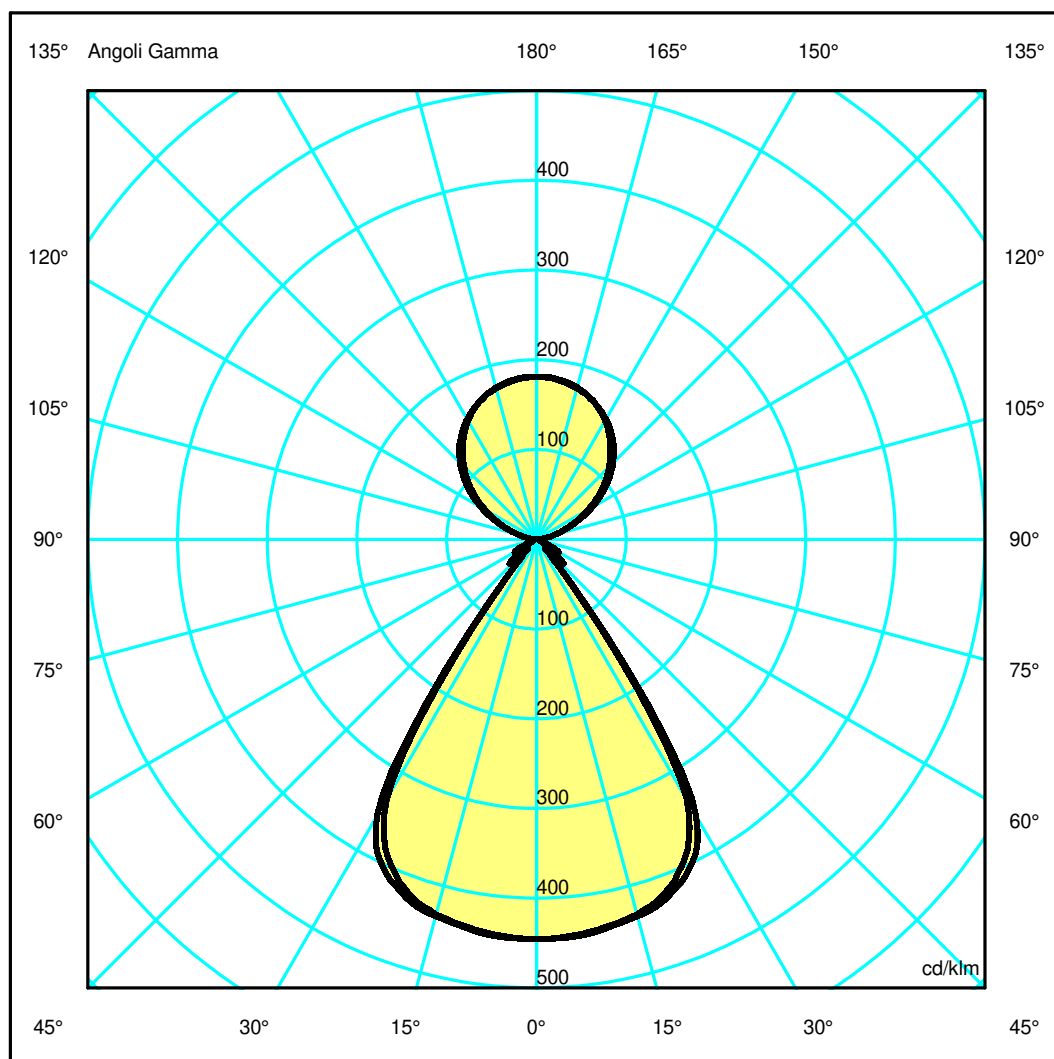
Semipiani C

180.0 — 0.0
270.0 — 90.0

ULOR 48.06 %

DLOR 51.94 %

RN 48.06 %



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Measurem.

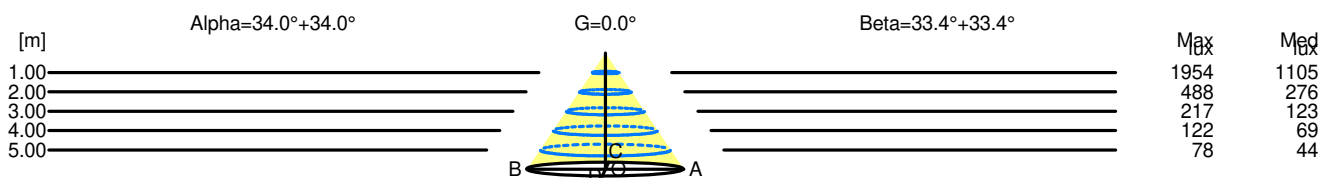
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F UTE	0.52 A + 0.48 T			B NBN		BZ 1	

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	1953.61	1949.74	1905.51	1769.82	772.08	70.91	49.08	24.61	15.52	8.96
OB	1953.61	1949.74	1905.51	1769.82	772.08	70.91	49.08	24.61	15.52	8.96
OC	1953.61	1943.52	1897.77	1715.49	683.09	108.33	116.81	64.74	12.10	4.94
OD	1953.61	1943.52	1897.77	1715.49	683.09	108.33	116.81	64.74	12.10	4.94



H[m]	D[m]	Max lux	Med lux	Alpha=34.0°+34.0°	G=0.0
1.00	1.35	1954	1105		
2.00	2.70	488	276		
3.00	4.04	217	123		
4.00	5.39	122	69		
5.00	6.74	78	44		

H[m]	D[m]	Max lux	Med lux	Beta=33.4°+33.4°	G=0.0
1.00	1.32	1954	1105		
2.00	2.64	488	276		
3.00	3.96	217	123		
4.00	5.28	122	69		
5.00	6.59	78	44		