Luminaire
Code TTA2XXXXXX
Name SOMNIUM SUSP LINEAR 1680
Measurem.
Code FTS2500122
Name SOMNIUM S D+I 1680mm 3000K ALU

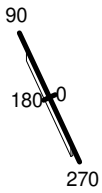
Luminaire Flux	4383 lm	Luminaire Power	27.0 W	Efficacy	162.333 lm/W	Efficiency	100.00%
Source Flux	4383 lm	Maximum value	445.93 cd/klm	Position	C=10.00 G=4.00	CG	Double Symmetrical

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 m2		Emitting area on Plane 180°		0.030240 m2	
Emitting area on Plane 0°		0.030240 m2		Emitting area on Plane 270°		0.000540 m2	
Emitting area on Plane 90°		0.000540 m2		Glare area at 76°		0.041535 m2	
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=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h

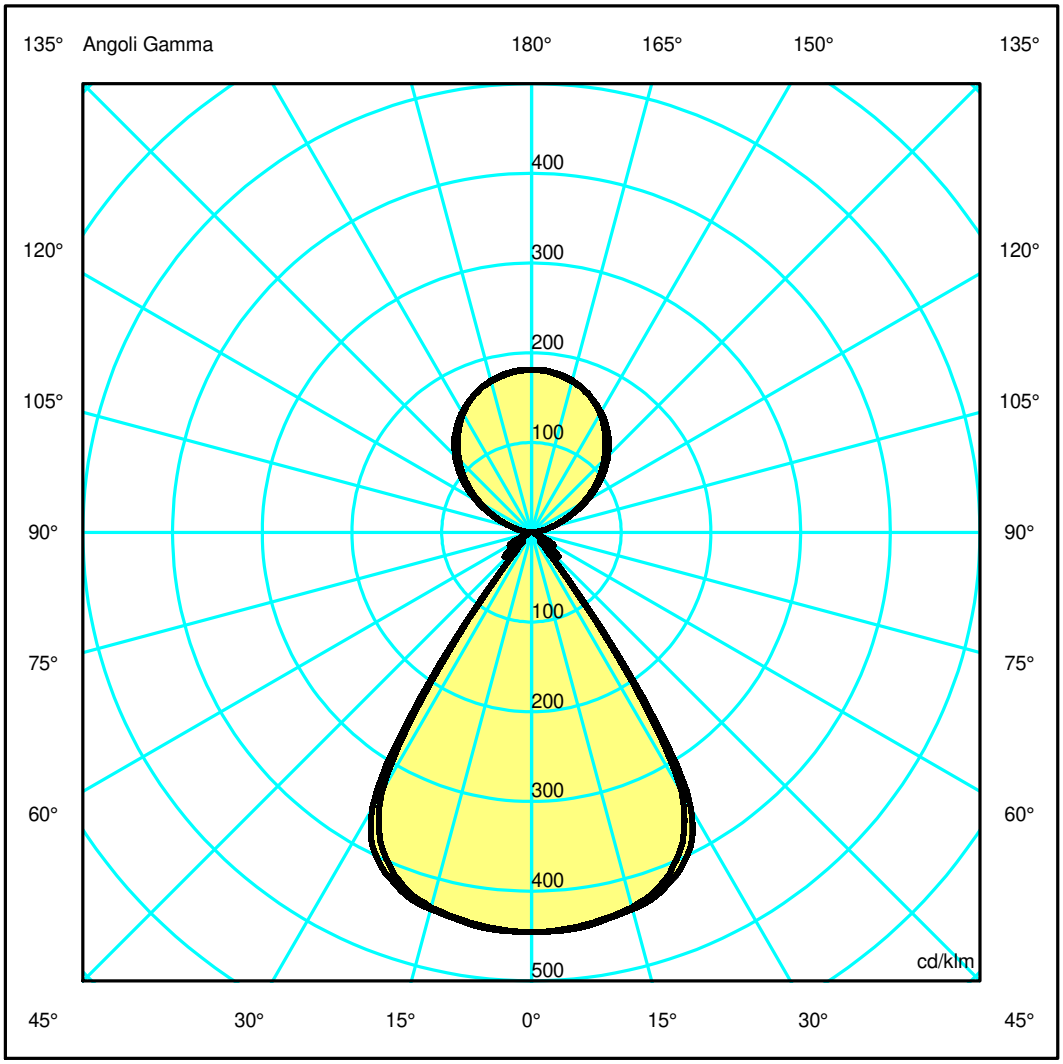
C.I.E.	94 98 99 52 100	D DIN 5040	C61
F UTE	0.52 A + 0.48 T	B NBN	BZ 1

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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Emitting area on Plane 0°	0.030240 m2	Emitting area on Plane 270°	0.000540 m2
Emitting area on Plane 90°	0.000540 m2	Glare area at 76°	0.041535 m2

Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	28-02-2025	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	4383 lm

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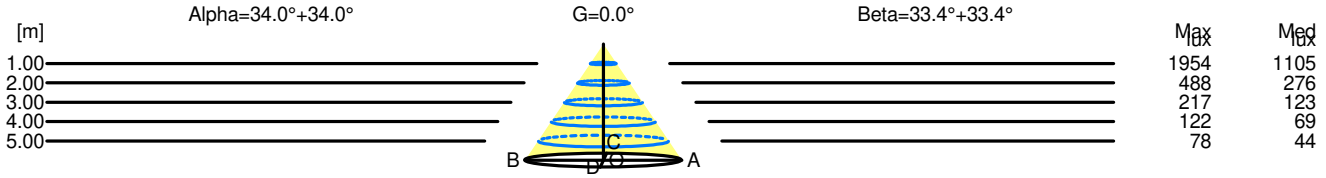
C.I.E.	94 98 99 52 100	D DIN 5040	C61
F UTE	0.52 A + 0.48 T	B NBN	BZ 1

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	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		