

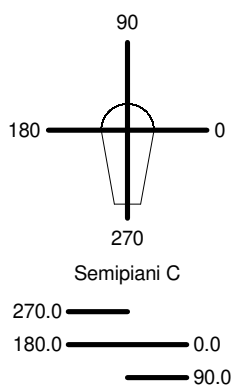
Luminaire

Code TT43000
Name Somnium SYS curvo R550 mm 90° DIR+IND 3000K

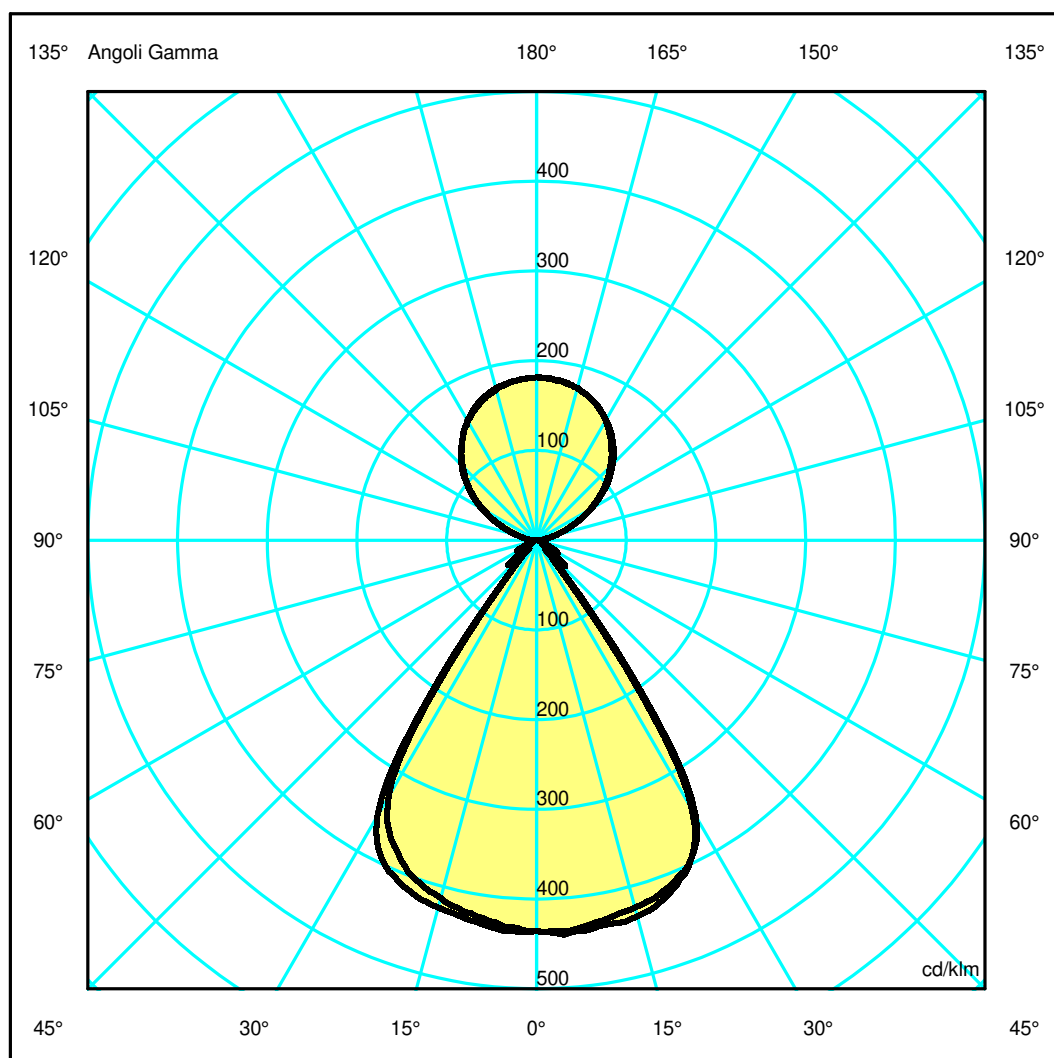
Measurem.

Code FTS2500129
Name Somnium SYS curvo R550 mm 90° DIR+IND 3000K

Luminaire Flux	1659 lm	Luminaire Power	10.5 W	Efficacy	158.000 lm/W	Efficiency	100.00%
Source Flux	1659 lm	Maximum value	440.65 cd/klm	Position	C=90.00 G=4.00	CG	Sym. on planes 270-90
Rectangular Luminaire		Length	778 mm	Width	182 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 Roads		Symmetry Type		Sym. on planes 270-90	
Date		28-02-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1659 lm	
LED Flux=1792lm LED Power=10.5W Eff=93% EfcLed=171lm/W EfcLum=158lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	93 97 99 52 100			D DIN 5040		C61	



ULOR 48.22 %
DLOR 51.78 %
RN 48.22 %



Luminaire

Code TT43000
Name Somnium SYS curvo R550 mm 90° DIR+IND 3000K
Measurem.
Code FTS2500129
Name Somnium SYS curvo R550 mm 90° DIR+IND 3000K

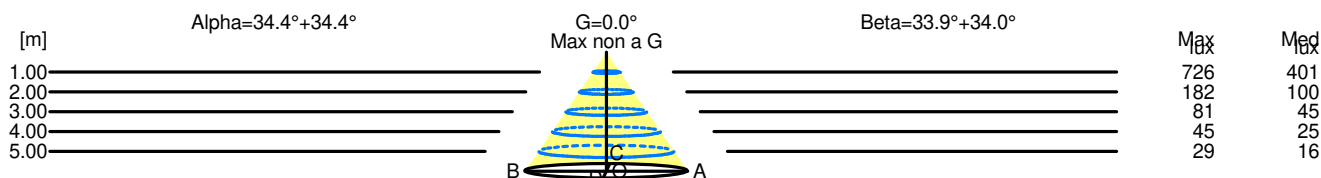
Luminaire Flux	1659 lm	Luminaire Power	10.5 W	Efficacy	158.000 lm/W	Efficiency	100.00%
Source Flux	1659 lm	Maximum value	440.65 cd/klm	Position	C=90.00 G=4.00	CG	Sym. on planes 270-90
Rectangular Luminaire	Length	778 mm	Width	182 mm	Height	32 mm	
Rectangular Luminous Area	Length	840 mm	Width	30 mm	Height	18 mm	
Horizontal Luminous Area	0.025200 m2	Emitting area on Plane 180°	0.015120 m2	Emitting area on Plane 270°	0.000540 m2	Emitting area on Plane 90°	0.020767 m2
Coordinate system	CG Roads	Symmetry Type	Sym. on planes 270-90				
Date	28-02-2025	Maximum Gamma Angle	180				
Measurement Distance	0.00	Measurement Flux	1659 lm				
LED Flux=1792lm LED Power=10.5W Eff=93% EfcLed=171lm/W EfcLum=158lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(17k)=102000h							
C.I.E.	93 97 99 52 100	D DIN 5040	C61				

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	0.68	1.37	2.05	2.74	3.42	OC	0.67	1.35	2.02	2.69	3.36
OB	0.68	1.37	2.05	2.74	3.42	OD	0.67	1.35	2.02	2.69	3.37

Luminous Intensities [cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	722.41	724.21	703.11	662.99	316.55	26.05	15.16	9.10	6.30	4.14
OB	722.41	724.21	703.11	662.99	316.55	26.05	15.16	9.10	6.30	4.14
OC	722.41	727.70	719.80	665.54	285.57	40.44	45.20	21.65	5.07	2.36
OD	722.41	716.51	684.91	622.96	286.16	26.59	37.46	25.25	6.10	2.46



H[m]	D[m]	Max lux	Med lux	Alpha=34.4°+34.4°	G=0.0° Max non a G
1.00	1.37	726	401		
2.00	2.74	182	100		
3.00	4.10	81	45		
4.00	5.47	45	25		
5.00	6.84	29	16		

H[m]	D[m]	Max lux	Med lux	Beta=34.0°+33.9°	G=0.0° Max non a G
1.00	1.35	726	401		
2.00	2.69	182	100		
3.00	4.04	81	45		
4.00	5.38	45	25		
5.00	6.73	29	16		