

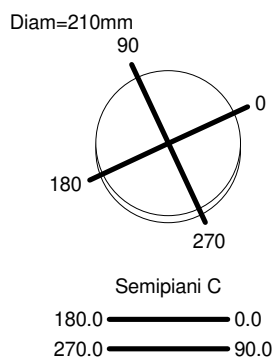
Luminaire

Code TC60404
Name ORSA 21 TRK12 927 BLACK

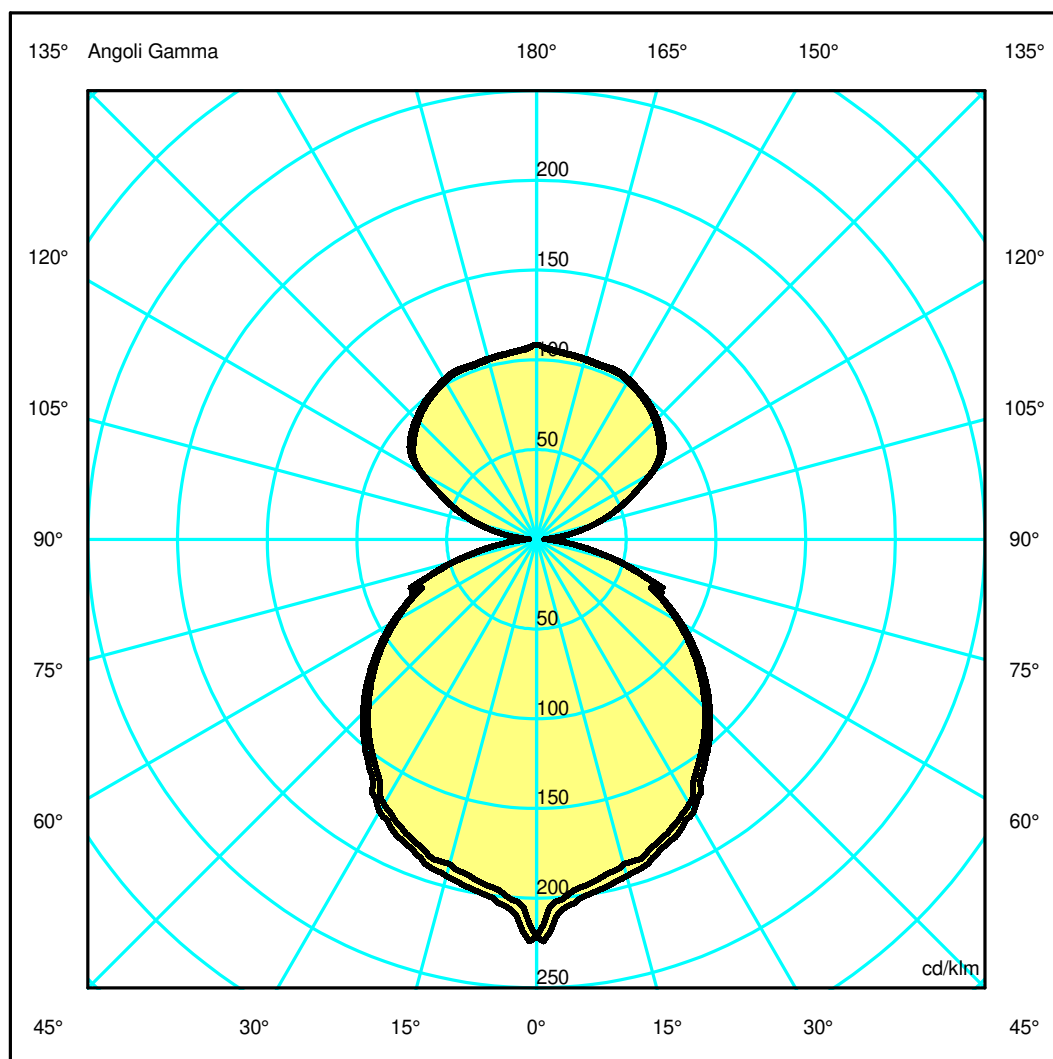
Measurem.

Code FTS2200173
Name ORSA 21 TRK12 927 BLACK

Luminaire Flux	525 lm	Luminaire Power	8.0 W	Efficacy	65.681 lm/W	Efficiency	100.00%
Source Flux	525 lm	Maximum value	224.16 cd/klm	Position	C=90.00 G=1.00	CG	Double Symmetrical
Round Luminaire		Diam.	210 mm	Height	50 mm		
Round Luminous Area		Diam.	210 mm	Height	50 mm		
Horizontal Luminous Area			0.034636 m ²	Emitting area on Plane 180°			0.010500 m ²
Emitting area on Plane 0°			0.010500 m ²	Emitting area on Plane 270°			0.010500 m ²
Emitting area on Plane 90°			0.010500 m ²	Glare area at 76°			0.018567 m ²
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		21-09-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		525 lm	
LED Flux=565lm LED Power=6.4W Eff=93% EfcLed=88lm/W EfcLum=66lm/W CCT=2700K Ra=90 R9=50 SDCM=2 L70(6K)=50000h							
C.I.E.	45 76 94 59 100			D DIN 5040	C31		
F UTE	0.59 E + 0.41 T			B NBN	BZ 5		



ULOR 40.67 %
DLOR 59.33 %
RN 40.67 %



Luminaire

Code TC60404
Name ORSA 21 TRK12 927 BLACK

Measurment

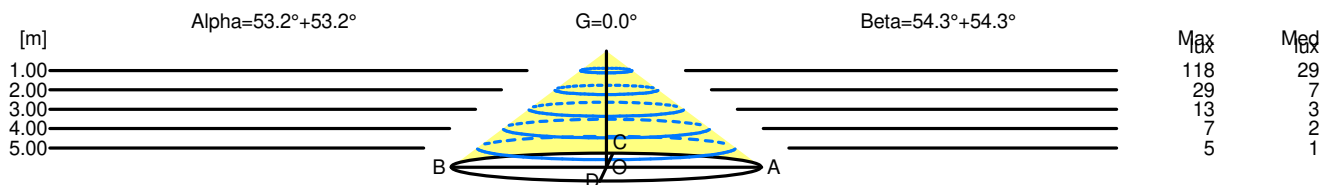
Code FTS2200173
Name ORSA 21 TRK12 927 BLACK

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Round Luminous Area		Diam.	210 mm	Height	50 mm		
Horizontal Luminous Area			0.034636 m2	Emitting area on Plane 180°			0.010500 m2
Emitting area on Plane 0°			0.010500 m2	Emitting area on Plane 270°			0.010500 m2
Emitting area on Plane 90°			0.010500 m2	Glare area at 76°			0.018567 m2
Coordinate system		CG		Symmetry Type			Double Symmetrical
Date		21-09-2022		Maximum Gamma Angle			180
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C.I.E.	45 76 94 59 100			D DIN 5040	C31		
F UTE	0.59 E + 0.41 T			B NBN	BZ 5		

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	1.33	2.67	4.00	5.34	6.67	OC	1.39	2.78	4.17	5.56	6.95
OB	1.33	2.67	4.00	5.34	6.67	OD	1.39	2.78	4.17	5.56	6.95

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	116.36	104.62	98.44	93.28	81.91	69.66	55.35	39.73	24.26	6.81
OB	116.36	104.62	98.44	93.28	81.91	69.66	55.35	39.73	24.26	6.81
OC	116.36	107.64	102.11	96.15	84.23	72.02	56.94	40.51	25.38	7.21
OD	116.36	107.64	102.11	96.15	84.23	72.02	56.94	40.51	25.38	7.21



H[m]	D[m]	Max lux	Med lux	Alpha=53.2°+53.2°	G=0.0
1.00	2.67	118	29		
2.00	5.34	29	7		
3.00	8.01	13	3		
4.00	10.68	7	2		
5.00	13.35	5	1		

H[m]	D[m]	Max lux	Med lux	Beta=54.3°+54.3°	G=0.0
1.00	2.78	118	29		
2.00	5.56	29	7		
3.00	8.34	13	3		
4.00	11.12	7	2		
5.00	13.90	5	1		