

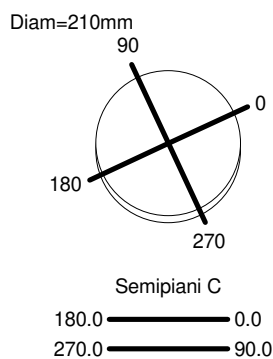
Luminaire

Code TC61404
Name ORSA 21 TRK12 930 BLACK

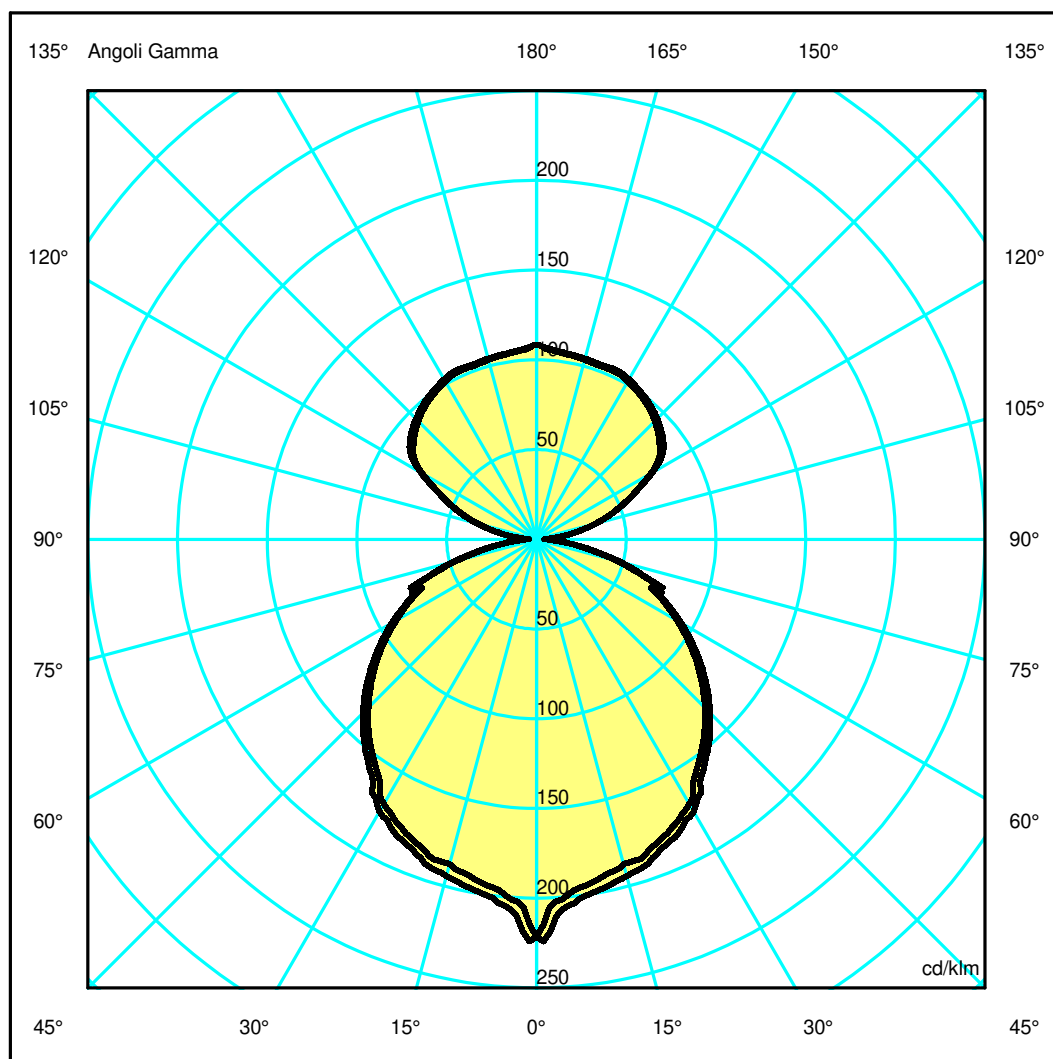
Measurem.

Code FTS2200174
Name ORSA 21 TRK12 930 BLACK

Luminaire Flux	562 lm	Luminaire Power	8.0 W	Efficacy	70.215 lm/W	Efficiency	100.00%
Source Flux	562 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		562 lm	
LED Flux=604lm LED Power=6.4W Eff=93% EfcLed=94lm/W EfcLum=70lm/W CCT=3000K 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 TC61404
Name ORSA 21 TRK12 930 BLACK

Measurment.

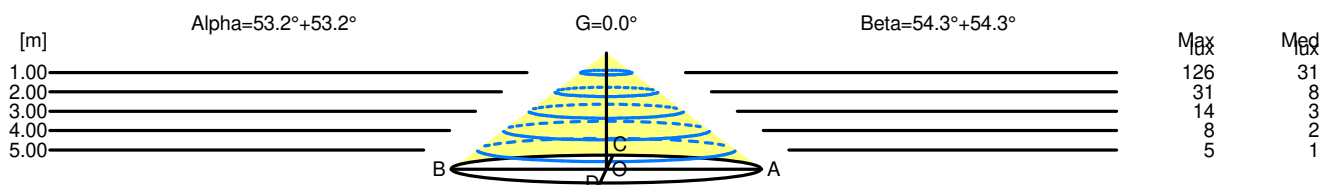
Code FTS2200174
Name ORSA 21 TRK12 930 BLACK

Luminaire Flux	562 lm	Luminaire Power	8.0 W	Efficacy	70.215 lm/W	Efficiency	100.00%
Source Flux	562 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 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	
Measurement Distance		0.00		Measurement Flux		562 lm	
LED Flux=604lm LED Power=6.4W Eff=93% EfcLed=94lm/W EfcLum=70lm/W CCT=3000K 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		

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	124.39	111.84	105.24	99.72	87.56	74.47	59.17	42.47	25.94	7.28
OB	124.39	111.84	105.24	99.72	87.56	74.47	59.17	42.47	25.94	7.28
OC	124.39	115.07	109.16	102.79	90.04	76.99	60.87	43.31	27.13	7.71
OD	124.39	115.07	109.16	102.79	90.04	76.99	60.87	43.31	27.13	7.71



H[m]	D[m]	Max lux	Med lux	Alpha=53.2°+53.2°	G=0.0
1.00	2.67	126	31		
2.00	5.34	31	8		
3.00	8.01	14	3		
4.00	10.68	8	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	126	31		
2.00	5.56	31	8		
3.00	8.34	14	3		
4.00	11.12	8	2		
5.00	13.90	5	1		