

Luminaire

Code 0355030A
Name ORSA CLUSTER 5

Measurem.

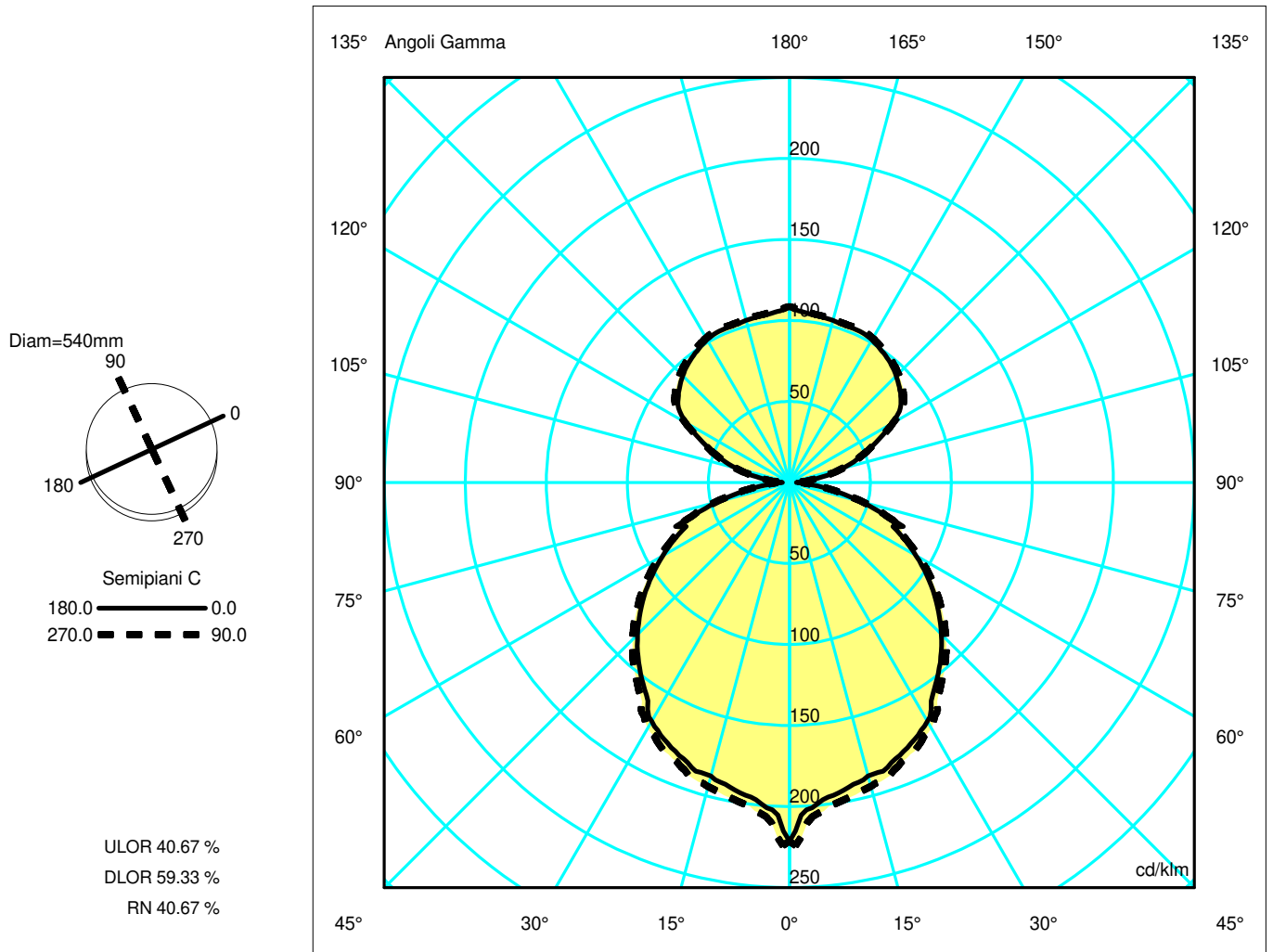
Code FTS1700553
Name ORSA CLUSTER 5

Luminaire Flux	2810.00 lm	Luminaire Power	37.00 W	Efficacy	75.95 lm/W	Efficiency	100.00%
Lamps Flux	2810.00 lm	Maximum value	224.16 cd/klm	Position	C=90.00 G=1.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	540 mm 540 mm	Height Height	600 mm 50 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.229022 m2 0.027000 m2 0.027000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.027000 m2 0.027000 m2 0.081603 m2	
Coordinate system Date Measurement Distance		CG 15-06-2017 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 180 2810.00 lm	

LED Flux=3021,5lm LED Power=32W Eff=93% EfcLed=94lm/W EfcLum=76lm/W Ra=90 SDCM=2 L90(6K)=50000h

C.I.E. 45 76 94 59 100
F UTE 0.59 E + 0.41 T

D DIN 5040
B NBN
C31
BZ 5



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Measurerm.

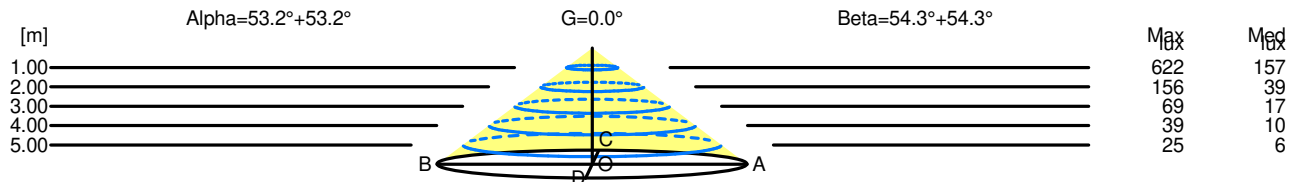
Code FTS1700553
Name ORSA CLUSTER 5

Luminaire Flux	2810.00 lm	Luminaire Power	37.00 W	Efficacy	75.95 lm/W	Efficiency	100.00%
Lamps Flux	2810.00 lm	Maximum value	224.16 cd/klm	Position	C=90.00 G=1.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam.	540 mm	Height	600 mm		
		Diam.	540 mm	Height	50 mm		
Horizontal Luminous Area		0.229022 m2		Emitting area on Plane 180°		0.027000 m2	
Emitting area on Plane 0°		0.027000 m2		Emitting area on Plane 270°		0.027000 m2	
Emitting area on Plane 90°		0.027000 m2		Glare area at 76°		0.081603 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		15-06-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2810.00 lm	
LED Flux=3021,5lm LED Power=32W Eff=93% EfcLed=94lm/W EfcLum=76lm/W Ra=90 SDCM=2 L90(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	622.28	559.49	526.44	498.84	438.02	372.51	295.99	212.46	129.76	36.41
OB	622.28	559.49	526.44	498.84	438.02	372.51	295.99	212.46	129.76	36.41
OC	622.28	575.63	546.08	514.20	450.44	385.16	304.52	216.66	135.73	38.55
OD	622.28	575.63	546.08	514.20	450.44	385.16	304.52	216.66	135.73	38.55



H[m]	D[m]	Max lux	Med lux	Alpha=53.2°+53.2°	G=0.0
1.00	2.67	622	157		
2.00	5.34	156	39		
3.00	8.01	69	17		
4.00	10.68	39	10		
5.00	13.35	25	6		

H[m]	D[m]	Max lux	Med lux	Beta=54.3°+54.3°	G=0.0
1.00	2.78	622	157		
2.00	5.56	156	39		
3.00	8.34	69	17		
4.00	11.12	39	10		
5.00	13.90	25	6		