

## Luminaire

Code T030110  
Name NEEDOO CPO ASIMMETRICA 1 DIFF VDE

## Measurement

Code FTS2200111  
Name NEEDOO CPO ASIMMETRICA 1 DIFF VDE

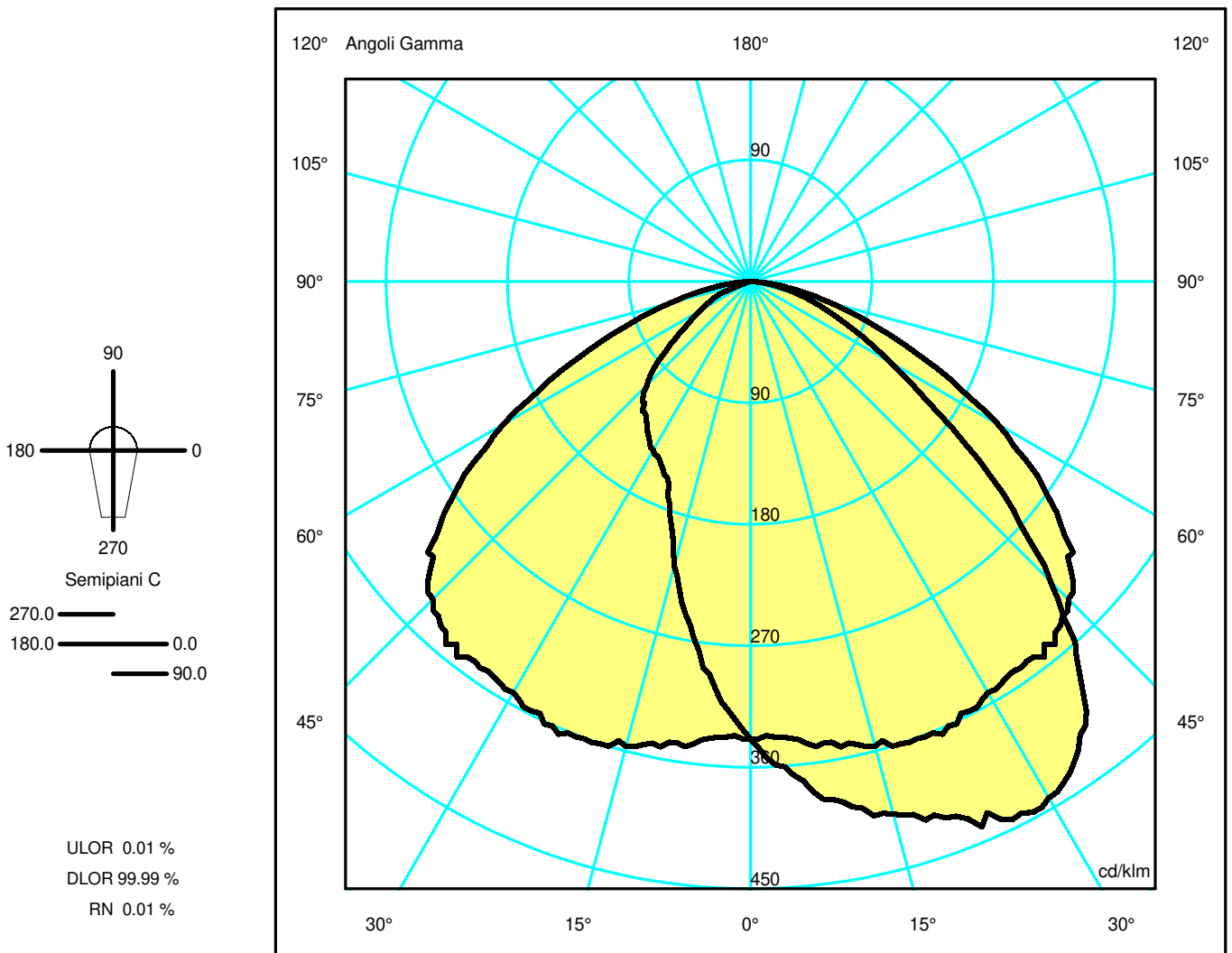
Luminaire Flux	455 lm	Luminaire Power	11.0 W	Efficacy	41.359 lm/W	Efficiency	100.00%
Source Flux	455 lm	Maximum value	445.47 cd/klm	Position	C=90.00 G=28.00	CG	Sym. on planes 270-90
Round Luminaire		Diam.	290 mm	Height	100 mm	Height	0 mm
Rectangular Luminous Area		Length	37 mm	Width	40 mm		
Horizontal Luminous Area			0.001480 m <sup>2</sup>	Emitting area on Plane 180°			0.000000 m <sup>2</sup>
Emitting area on Plane 0°			0.000000 m <sup>2</sup>	Emitting area on Plane 270°			0.000000 m <sup>2</sup>
Emitting area on Plane 90°			0.000000 m <sup>2</sup>	Glare area at 76°			0.000358 m <sup>2</sup>
Coordinate system		CG Roads		Symmetry Type		Sym. on planes 270-90	
Date		19-01-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		455 lm	

LED Flux=881lm LED Power=8W Eff=52% EfcLed=110lm/W EfcLum=41lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=50000h

C.I.E. 49 84 97 100 100

D DIN 5040

A30



## Luminaire

Code T030110  
Name NEEDOO CPO ASIMMETRICA 1 DIFF VDE

## Measurement

Code FTS2200111  
Name NEEDOO CPO ASIMMETRICA 1 DIFF VDE

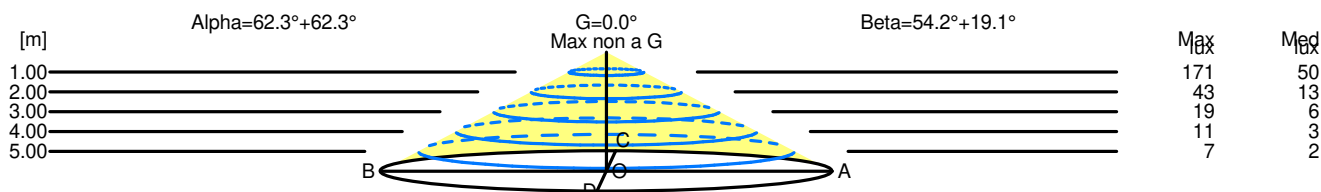
Luminaire Flux	455 lm	Luminaire Power	11.0 W	Efficacy	41.359 lm/W	Efficiency	100.00%
Source Flux	455 lm	Maximum value	445.47 cd/klm	Position	C=90.00 G=28.00	CG	Sym. on planes 270-90
Round Luminaire		Diam.	290 mm	Height	100 mm	Height	0 mm
Rectangular Luminous Area		Length	37 mm	Width	40 mm		
Horizontal Luminous Area		0.001480 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.000358 m2	
Coordinate system		CG Roads		Symmetry Type		Sym. on planes 270-90	
Date		19-01-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		455 lm	
LED Flux=881lm LED Power=8W Eff=52% EfcLed=110lm/W EfcLum=41lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=50000h							
C.I.E.	49 84 97 100 100			D DIN 5040		A30	

### 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	1.90	3.80	5.70	7.61	9.51	OC	1.39	2.77	4.16	5.55	6.94
OB	1.90	3.80	5.70	7.61	9.51	OD	0.35	0.69	1.04	1.39	1.74

### Luminous Intensities [ cd/klm]

	0	5	15	25	35	45	55	65	75	85
OA	154.26	154.52	162.25	164.56	158.94	151.41	120.25	69.40	28.26	5.50
OB	154.26	154.52	162.25	164.56	158.94	151.41	120.25	69.40	28.26	5.50
OC	154.26	167.05	185.89	200.01	192.74	142.88	77.55	38.05	16.67	3.28
OD	154.26	137.44	99.25	69.88	60.55	49.35	27.15	13.87	0.83	0.59



H[m]	D[m]	Max lux	Med lux	Alpha=62.3°+62.3°	G=0.0° Max non a G
1.00	3.80	171	50		
2.00	7.61	43	13		
3.00	11.41	19	6		
4.00	15.21	11	3		
5.00	19.02	7	2		

H[m]	D[m]	Max lux	Med lux	Beta=19.1°+54.2°	G=0.0° Max non a G
1.00	1.73	171	50		
2.00	3.47	43	13		
3.00	5.20	19	6		
4.00	6.94	11	3		
5.00	8.67	7	2		