

## Luminaire

Code T030200  
Name NEEDOO CPO ASIMMETRICA 2 DIFF MAR

## Measurement

Code FTS2200112  
Name NEEDOO CPO ASIMMETRICA 2 DIFF MAR

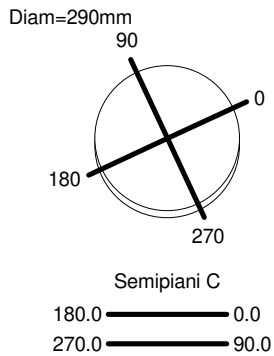
Luminaire Flux	910 lm	Luminaire Power	21.0 W	Efficacy	43.329 lm/W	Efficiency	100.00%
Source Flux	910 lm	Maximum value	364.25 cd/klm	Position	C=0.00 G=23.00	CG	Asymmetrical
Round Luminaire		Diam.	290 mm	Height	100 mm	Height	0 mm
Rectangular Luminous Area		Length	37 mm	Width	80 mm		
Horizontal Luminous Area			0.002960 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°			0.000716 m <sup>2</sup>
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		19-01-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		910 lm	

LED Flux=1762lm LED Power=8W Eff=52% EfcLed=220lm/W EfcLum=43lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=50000h

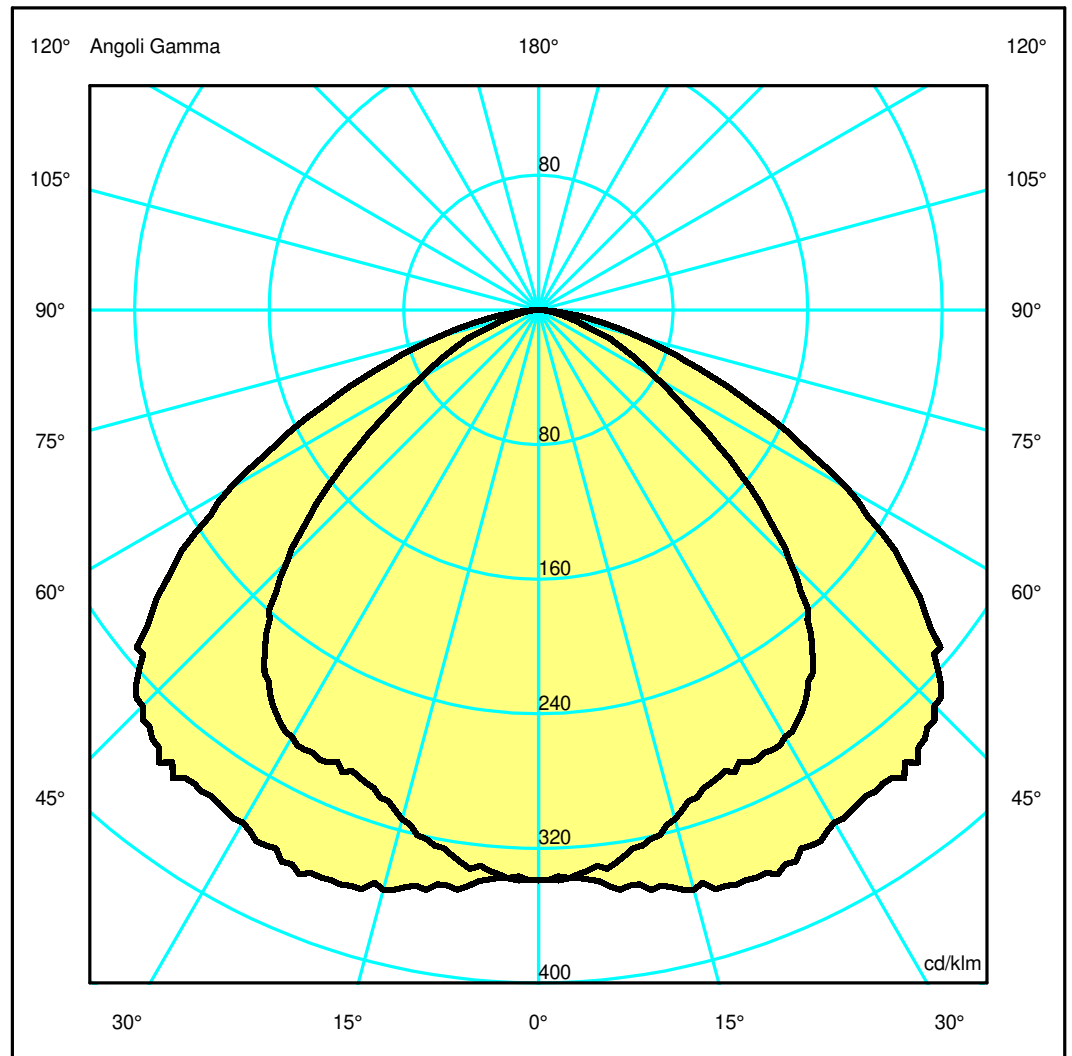
C.I.E. 49 84 97 100 100  
F UTE 1.00 D

D DIN 5040  
B NBN

A30  
BZ 4



ULOR 0.01 %  
DLOR 99.99 %  
RN 0.01 %



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## Measurment

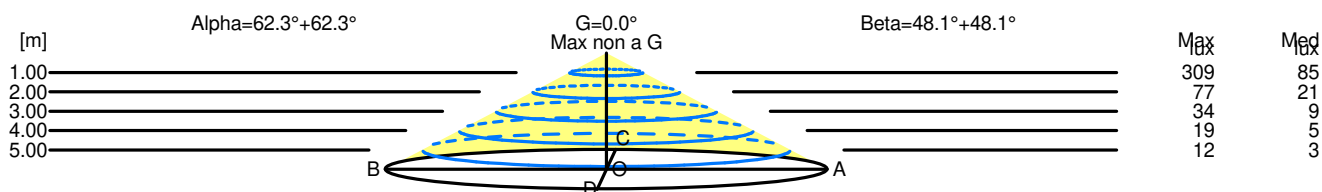
Code FTS2200112  
Name NEEDOO CPO ASIMMETRICA 2 DIFF MAR

Luminaire Flux	910 lm	Luminaire Power	21.0 W	Efficacy	43.329 lm/W	Efficiency	100.00%
Source Flux	910 lm	Maximum value	364.25 cd/klm	Position	C=0.00 G=23.00	CG	Asymmetrical
Round Luminaire		Diam.	290 mm	Height	100 mm	Height	0 mm
Rectangular Luminous Area		Length	37 mm	Width	80 mm		
Horizontal Luminous Area			0.002960 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°			0.000716 m2
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		19-01-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		910 lm	
LED Flux=1762lm LED Power=8W Eff=52% EfcLed=220lm/W EfcLum=43lm/W CCT=3000K Ra=90 R9=50 SDCM=2 L70(6K)=50000h							
C.I.E.	49 84 97 100 100			D DIN 5040	A30		
F UTE	1.00 D			B NBN	BZ 4		

### 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	1.11	2.23	3.34	4.46	5.57
OB	1.90	3.80	5.70	7.61	9.51	OD	1.11	2.23	3.34	4.46	5.57

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	308.52	309.05	324.49	329.11	317.89	302.82	240.51	138.80	56.51	11.00
OB	308.52	309.05	324.49	329.11	317.89	302.82	240.51	138.80	56.51	11.00
OC	308.52	304.49	285.14	269.89	253.29	192.23	104.71	51.92	17.50	3.87
OD	308.52	304.49	285.14	269.89	253.29	192.23	104.71	51.92	17.50	3.87



H[m]	D[m]	Max lux	Med lux	Alpha=62.3°+62.3°	G=0.0° Max non a G
1.00	3.80	309	85		
2.00	7.61	77	21		
3.00	11.41	34	9		
4.00	15.21	19	5		
5.00	19.02	12	3		

H[m]	D[m]	Max lux	Med lux	Beta=48.1°+48.1°	G=0.0° Max non a G
1.00	2.23	309	85		
2.00	4.46	77	21		
3.00	6.69	34	9		
4.00	8.92	19	5		
5.00	11.15	12	3		