

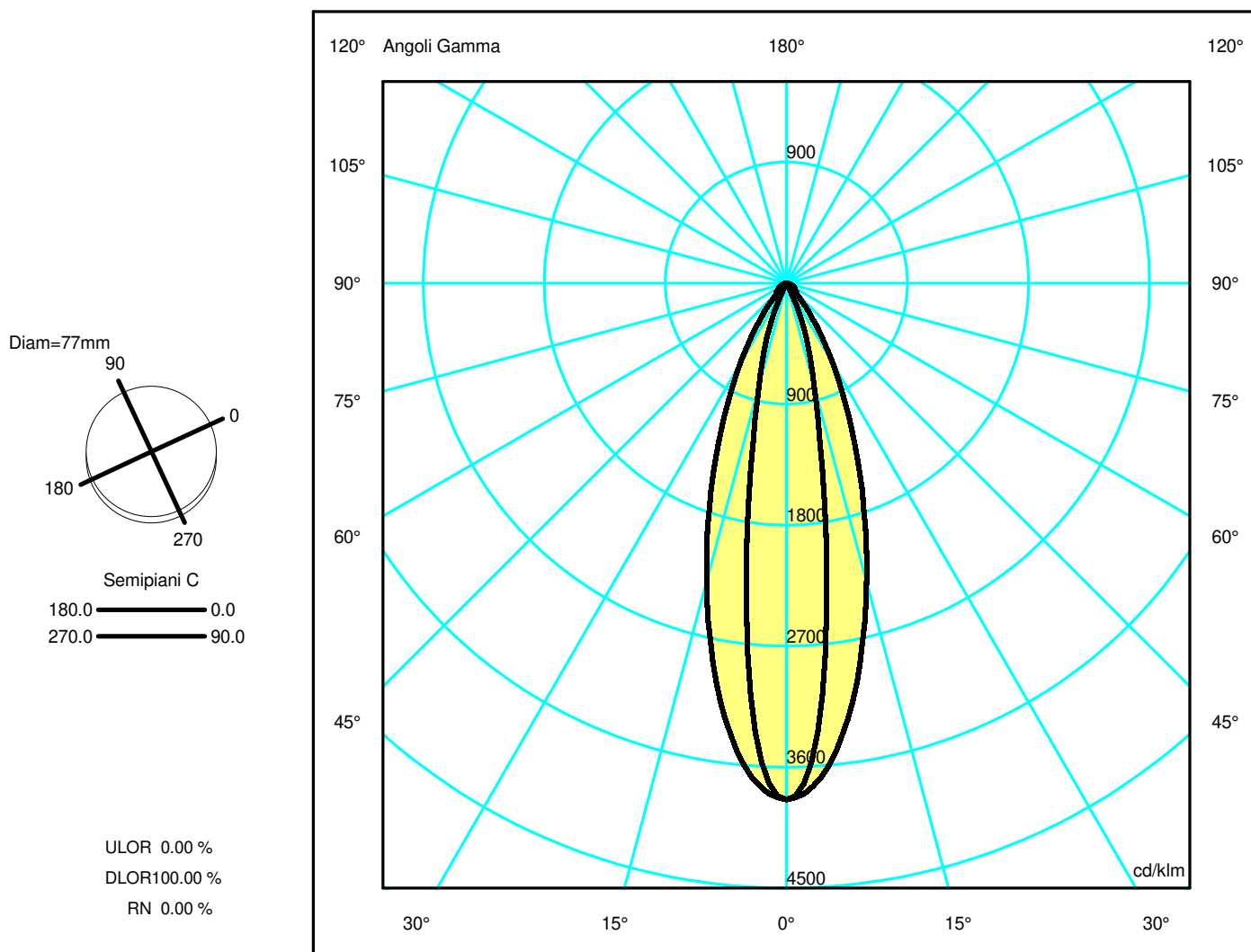
## Luminaire

Code CA12001+AP91200  
 Name GOPLE 80 SPOT TRK16 48V SP 4000K BCO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

## Measurement

Code FTS2200064  
 Name GOPLE 80 SPOT TRK16 48V SP 4000K BCO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1037 lm	Luminaire Power	23.0 W	Efficacy	45.094 lm/W	Efficiency	100.00%
Source Flux	1037 lm	Maximum value	3842.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	77 mm	Height	150 mm		
Round Luminous Area		Diam.	46 mm	Height	0 mm		
Horizontal Luminous Area		0.001662 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°		0.000402 m <sup>2</sup>	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		01-03-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1037 lm	
LED Flux=2473lm LED Power=22W Eff=42% EfcLed=114lm/W EfcLum=45lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h							
C.I.E.	95 98 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



## Luminaire

Code CA12001+AP91200  
 Name GOPLE 80 SPOT TRK16 48V SP 4000K BCO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

## Measurerm.

Code FTS2200064  
 Name GOPLE 80 SPOT TRK16 48V SP 4000K BCO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1037 lm	Luminaire Power	23.0 W	Efficacy	45.094 lm/W	Efficiency	100.00%
Source Flux	1037 lm	Maximum value	3842.70 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	77 mm	Height	150 mm		
Round Luminous Area		Diam.	46 mm	Height	0 mm		
Horizontal Luminous Area		0.001662 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°		0.000402 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		01-03-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1037 lm	

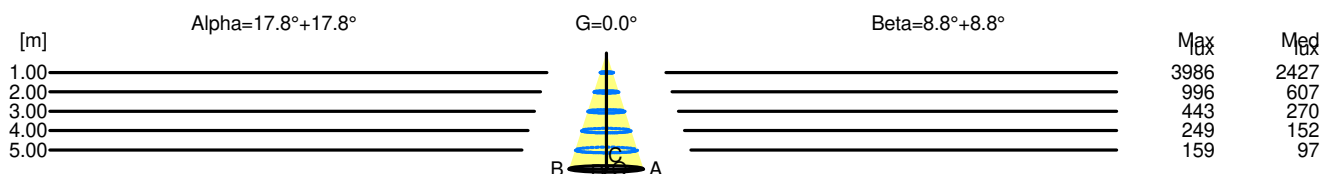
LED Flux=2473lm LED Power=22W Eff=42% EfcLed=114lm/W EfcLum=45lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

C.I.E.	95 98 100 100 100	D DIN 5040	A60
F UTE	1.00 A	B NBN	BZ 1

### 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	0.32	0.64	0.96	1.28	1.61	OC	0.16	0.31	0.47	0.62	0.78
OB	0.32	0.64	0.96	1.28	1.61	OD	0.16	0.31	0.47	0.62	0.78

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	3985.54	3734.67	2385.75	1138.21	404.42	108.48	64.35	54.46	30.53	6.66
OB	3985.54	3734.67	2385.75	1138.21	404.42	108.48	64.35	54.46	30.53	6.66
OC	3985.54	3182.03	826.40	131.52	20.79	10.13	5.30	2.31	1.89	0.84
OD	3985.54	3182.03	826.40	131.52	20.79	10.13	5.30	2.31	1.89	0.84



H[m]	D[m]	Max lux	Med lux	Alpha=17.8°+17.8°	G=0.0
1.00	0.64	3986	2427		
2.00	1.28	996	607		
3.00	1.93	443	270		
4.00	2.57	249	152		
5.00	3.21	159	97		

H[m]	D[m]	Max lux	Med lux	Beta=8.8°+8.8°	G=0.0
1.00	0.31	3986	2427		
2.00	0.62	996	607		
3.00	0.93	443	270		
4.00	1.24	249	152		
5.00	1.55	159	97		