

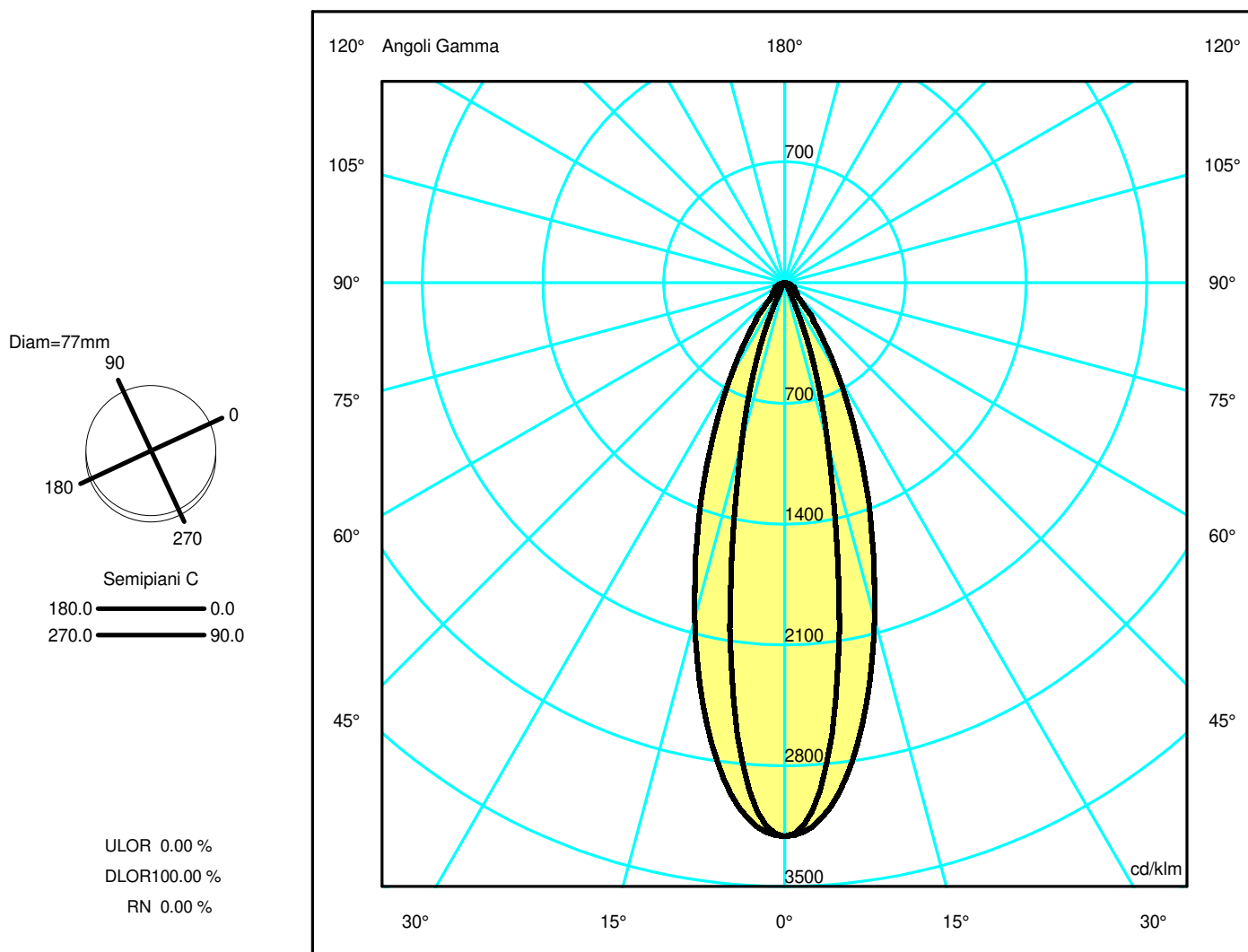
Luminaire

Code CA12104+AP91200
 Name GOPLE 80 SPOT TRK16 48V FL 4000K NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Measurement

Code FTS2200068
 Name GOPLE 80 SPOT TRK16 48V FL 4000K NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	977 lm	Luminaire Power	23.0 W	Efficacy	42.481 lm/W	Efficiency	100.00%
Source Flux	977 lm	Maximum value	3209.14 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 ²		Emitting area on Plane 180°		0.000000 m ²	
Emitting area on Plane 0°		0.000000 m ²		Emitting area on Plane 270°		0.000000 m ²	
Emitting area on Plane 90°		0.000000 m ²		Glare area at 76°		0.000402 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		01-03-2022		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		977 lm	
LED Flux=2473lm LED Power=22W Eff=40% EfcLed=114lm/W EfcLum=42lm/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 CA12104+AP91200
 Name GOPLE 80 SPOT TRK16 48V FL 4000K NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Measurement

Code FTS2200068
 Name GOPLE 80 SPOT TRK16 48V FL 4000K NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	977 lm	Luminaire Power	23.0 W	Efficacy	42.481 lm/W	Efficiency	100.00%
Source Flux	977 lm	Maximum value	3209.14 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		977 lm	

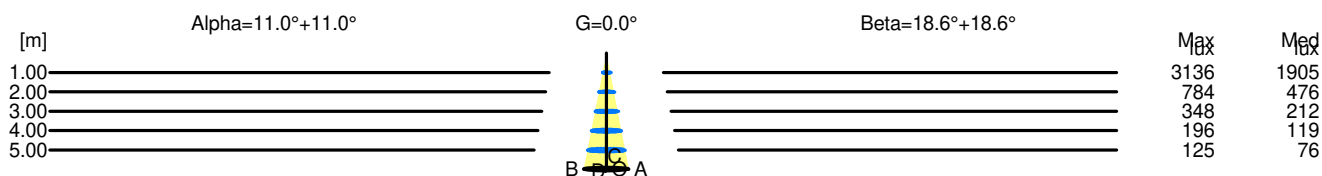
LED Flux=2473lm LED Power=22W Eff=40% EfcLed=114lm/W EfcLum=42lm/W CCT=4000K Ra=90 R9=50 SDCM=3 L70(6K)=50000h

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	0.19	0.39	0.58	0.78	0.97	OC	0.34	0.67	1.01	1.34	1.68
OB	0.19	0.39	0.58	0.78	0.97	OD	0.34	0.67	1.01	1.34	1.68

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3135.55	2732.42	944.00	134.10	21.98	9.60	4.24	2.28	1.79	0.80
OB	3135.55	2732.42	944.00	134.10	21.98	9.60	4.24	2.28	1.79	0.80
OC	3135.55	2981.33	1968.52	958.15	352.08	98.08	56.23	47.23	26.57	5.83
OD	3135.55	2981.33	1968.52	958.15	352.08	98.08	56.23	47.23	26.57	5.83



H[m]	D[m]	Max lux	Med lux	Alpha=11.0°+11.0°	G=0.0
1.00	0.39	3136	1905		
2.00	0.78	784	476		
3.00	1.17	348	212		
4.00	1.55	196	119		
5.00	1.94	125	76		

H[m]	D[m]	Max lux	Med lux	Beta=18.6°+18.6°	G=0.0
1.00	0.67	3136	1905		
2.00	1.34	784	476		
3.00	2.02	348	212		
4.00	2.69	196	119		
5.00	3.36	125	76		