

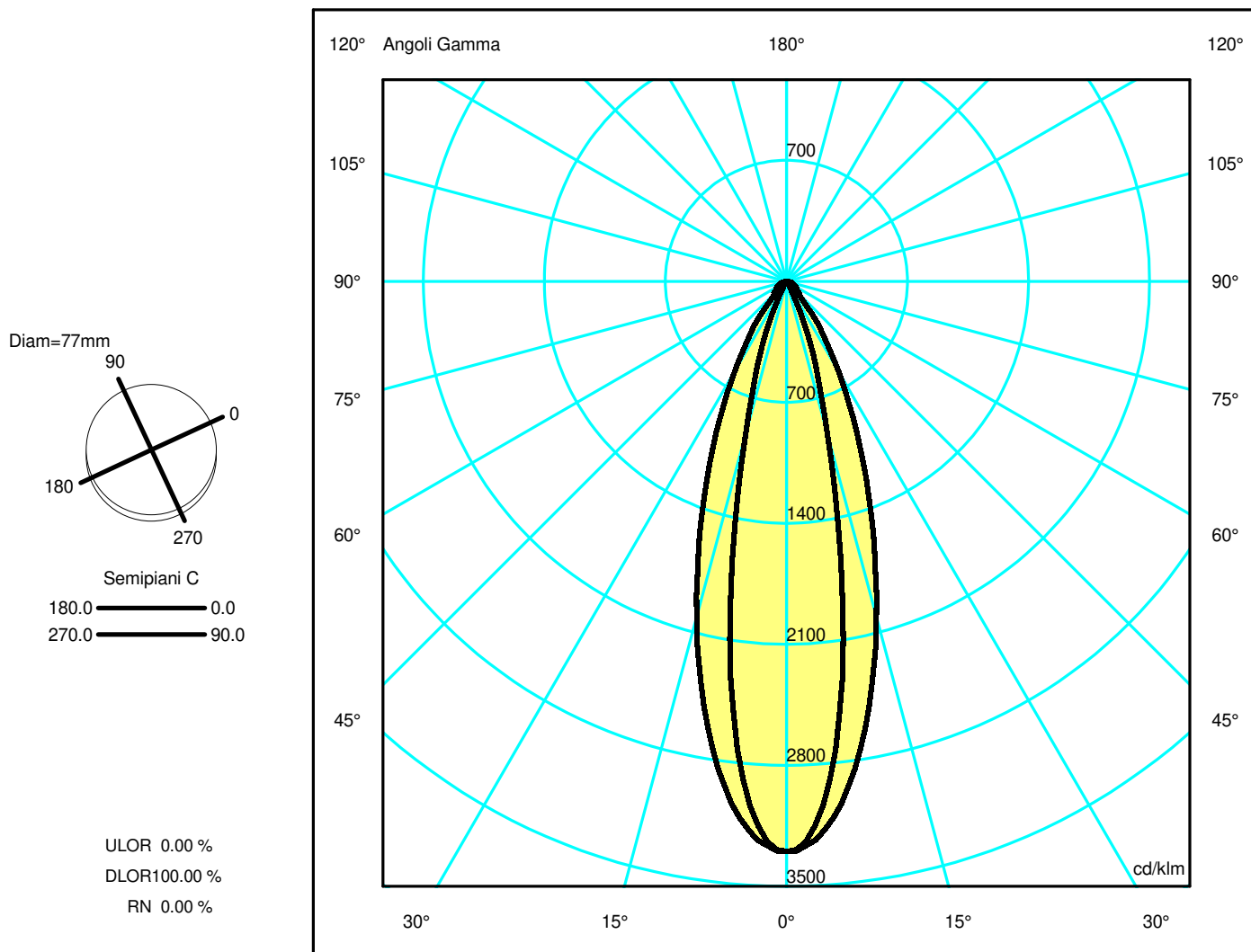
Luminaire

Code CA11101+AP91200
 Name GOPLE 80 SPOT TRK16 48V FL 3000K BCO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Measurement

Code FTS2200056-A
 Name GOPLE 80 SPOT TRK16 48V FL 3000K BCO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1298 lm	Luminaire Power	19.0 W	Efficacy	68.316 lm/W	Efficiency	100.00%
Source Flux	1298 lm	Maximum value	3297.87 cd/klm	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire		Diam.	77 mm	Height	150 mm		
Round Luminous Area		Diam.	48 mm	Height	0 mm		
Horizontal Luminous Area		0.001810 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°		0.000438 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		08-01-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1298 lm	
LED Flux=2584lm LED Power=18W Eff=50% EfcLed=147lm/W EfcLum=68lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6k)=33000h							
C.I.E.	94 98 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



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Round Luminous Area		Diam.	48 mm	Height	0 mm		
Horizontal Luminous Area		0.001810 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°		0.000438 m ²	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		08-01-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1298 lm	

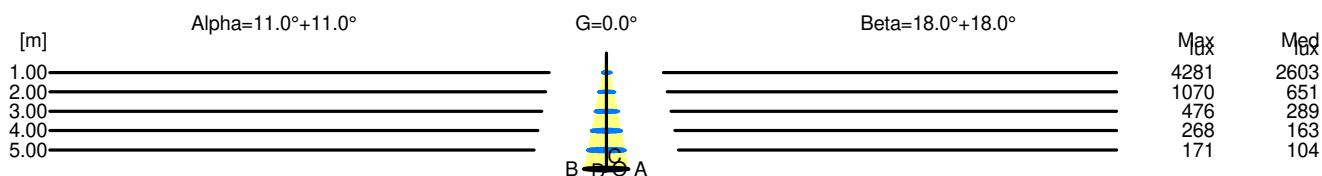
LED Flux=2584lm LED Power=18W Eff=50% EfcLed=147lm/W EfcLum=68lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6k)=33000h

C.I.E.	94 98 99 100 100	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	0.32	0.65	0.97	1.30	1.62
OB	0.19	0.39	0.58	0.78	0.97	OD	0.32	0.65	0.97	1.30	1.62

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4280.63	3751.61	1187.96	189.52	32.57	14.19	8.81	6.20	4.61	1.34
OB	4280.63	3751.61	1187.96	189.52	32.57	14.19	8.81	6.20	4.61	1.34
OC	4280.63	4042.54	2603.81	1245.98	454.48	125.35	95.57	62.85	40.76	9.43
OD	4280.63	4042.54	2603.81	1245.98	454.48	125.35	95.57	62.85	40.76	9.43



H[m]	D[m]	Max lux	Med lux	Alpha=11.0°+11.0°	G=0.0
1.00	0.39	4281	2603		
2.00	0.78	1070	651		
3.00	1.17	476	289		
4.00	1.56	268	163		
5.00	1.94	171	104		

H[m]	D[m]	Max lux	Med lux	Beta=18.0°+18.0°	G=0.0
1.00	0.65	4281	2603		
2.00	1.30	1070	651		
3.00	1.95	476	289		
4.00	2.60	268	163		
5.00	3.25	171	104		