

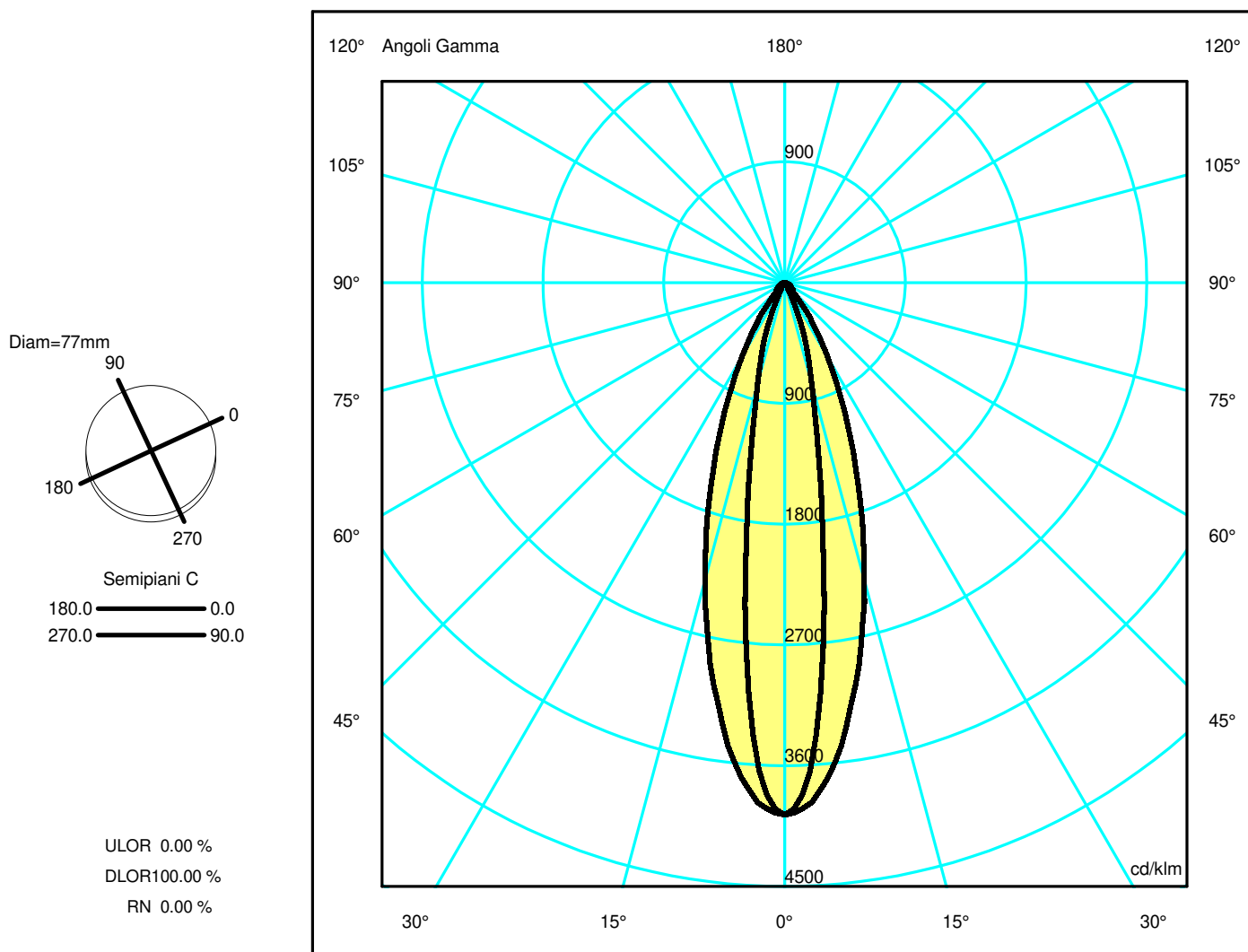
Luminaire

Code CA31004+AP91200
 Name GOPLE 80 S / TRK16 48V 3000K SP NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Measurement

Code FTS2200052-A
 Name GOPLE 80 S / TRK16 48V 3000K SP NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1168 lm	Luminaire Power	19.0 W	Efficacy	61.474 lm/W	Efficiency	100.00%
Source Flux	1168 lm	Maximum value	3966.90 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		1168 lm	
LED Flux=2584lm LED Power=18W Eff=45% EfcLed=147lm/W EfcLum=61lm/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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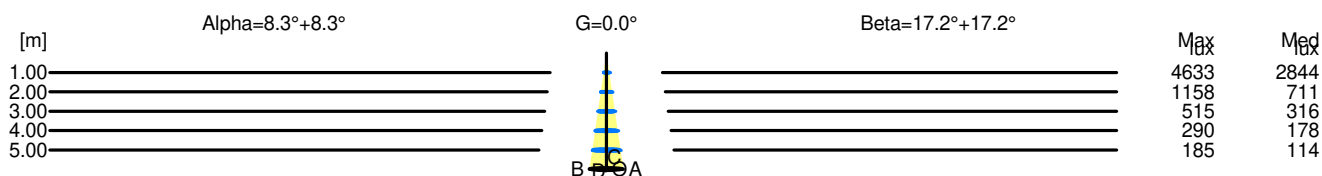
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Width at 50.00 % of Max Intensity

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	0.15	0.29	0.44	0.59	0.73	OC	0.31	0.62	0.93	1.24	1.55
OB	0.15	0.29	0.44	0.59	0.73	OD	0.31	0.62	0.93	1.24	1.55

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	4633.34	3589.62	905.44	164.03	28.01	14.86	8.49	5.93	4.78	1.38
OB	4633.34	3589.62	905.44	164.03	28.01	14.86	8.49	5.93	4.78	1.38
OC	4633.34	4323.51	2668.06	1235.64	402.16	102.13	72.74	46.69	31.01	8.55
OD	4633.34	4323.51	2668.06	1235.64	402.16	102.13	72.74	46.69	31.01	8.55



H[m]	D[m]	Max lux	Med lux	Alpha=8.3°+8.3°	G=0.0
1.00	0.29	4633	2844		
2.00	0.59	1158	711		
3.00	0.88	515	316		
4.00	1.17	290	178		
5.00	1.46	185	114		

H[m]	D[m]	Max lux	Med lux	Beta=17.2°+17.2°	G=0.0
1.00	0.62	4633	2844		
2.00	1.24	1158	711		
3.00	1.85	515	316		
4.00	2.47	290	178		
5.00	3.09	185	114		