

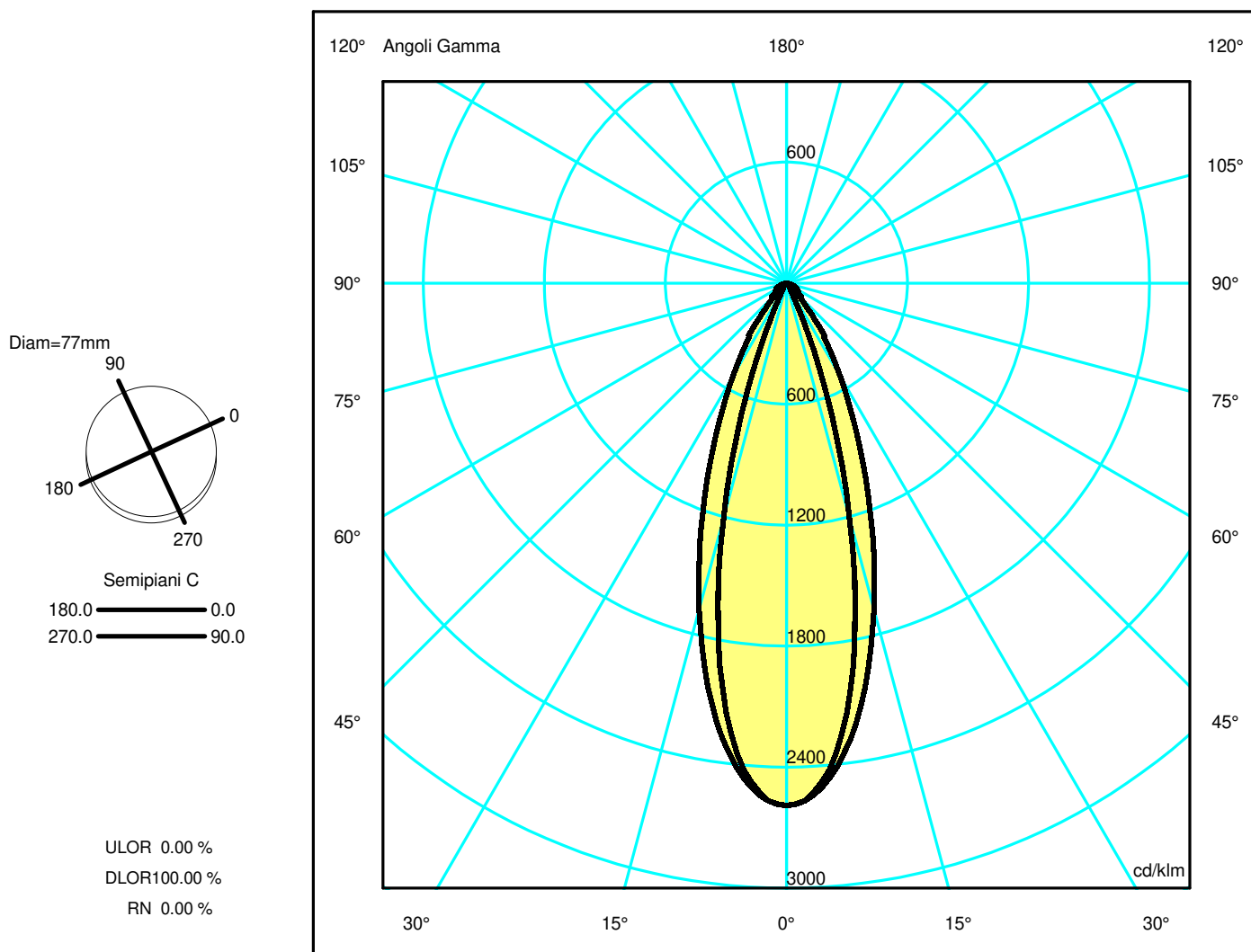
Luminaire

Code CA11204+AP91200
 Name GOPLE 80 SPOT TRK16 48V WF 3000K NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Measurement

Code FTS2200060-A
 Name GOPLE 80 SPOT TRK16 48V WF 3000K NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1385 lm	Luminaire Power	19.0 W	Efficacy	72.895 lm/W	Efficiency	100.00%
Source Flux	1385 lm	Maximum value	2589.45 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		1385 lm	
LED Flux=2584lm LED Power=18W Eff=54% EfcLed=147lm/W EfcLum=73lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6k)=33000h							
C.I.E.	93 98 99 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



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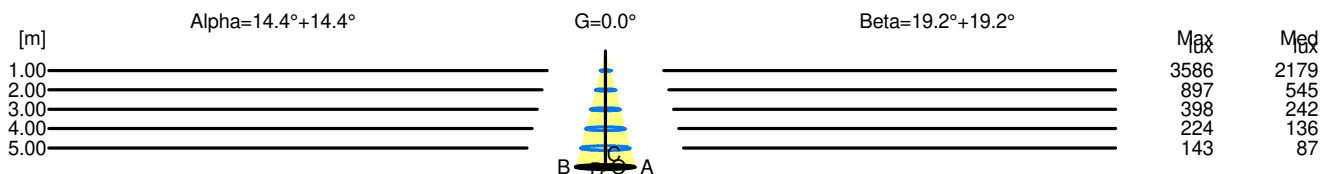
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Width at 50.00 % of Max Intensity

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	0.26	0.51	0.77	1.03	1.28	OC	0.35	0.70	1.04	1.39	1.74
OB	0.26	0.51	0.77	1.03	1.28	OD	0.35	0.70	1.04	1.39	1.74

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	3586.38	3357.48	1665.92	204.18	39.25	20.46	11.31	7.25	4.78	1.31
OB	3586.38	3357.48	1665.92	204.18	39.25	20.46	11.31	7.25	4.78	1.31
OC	3586.38	3410.66	2321.51	1146.43	442.04	126.89	97.72	64.50	39.32	8.23
OD	3586.38	3410.66	2321.51	1146.43	442.04	126.89	97.72	64.50	39.32	8.23



H[m]	D[m]	Max lux	Med lux	Alpha=14.4°+14.4°	G=0.0
1.00	0.51	3586	2179		
2.00	1.03	897	545		
3.00	1.54	398	242		
4.00	2.05	224	136		
5.00	2.57	143	87		

H[m]	D[m]	Max lux	Med lux	Beta=19.2°+19.2°	G=0.0
1.00	0.70	3586	2179		
2.00	1.39	897	545		
3.00	2.09	398	242		
4.00	2.78	224	136		
5.00	3.48	143	87		