

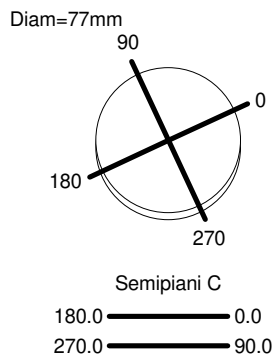
## Luminaire

Code CA30204+AP91200  
 Name GOPLE 80 S / TRK16 48V 2700K WF NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

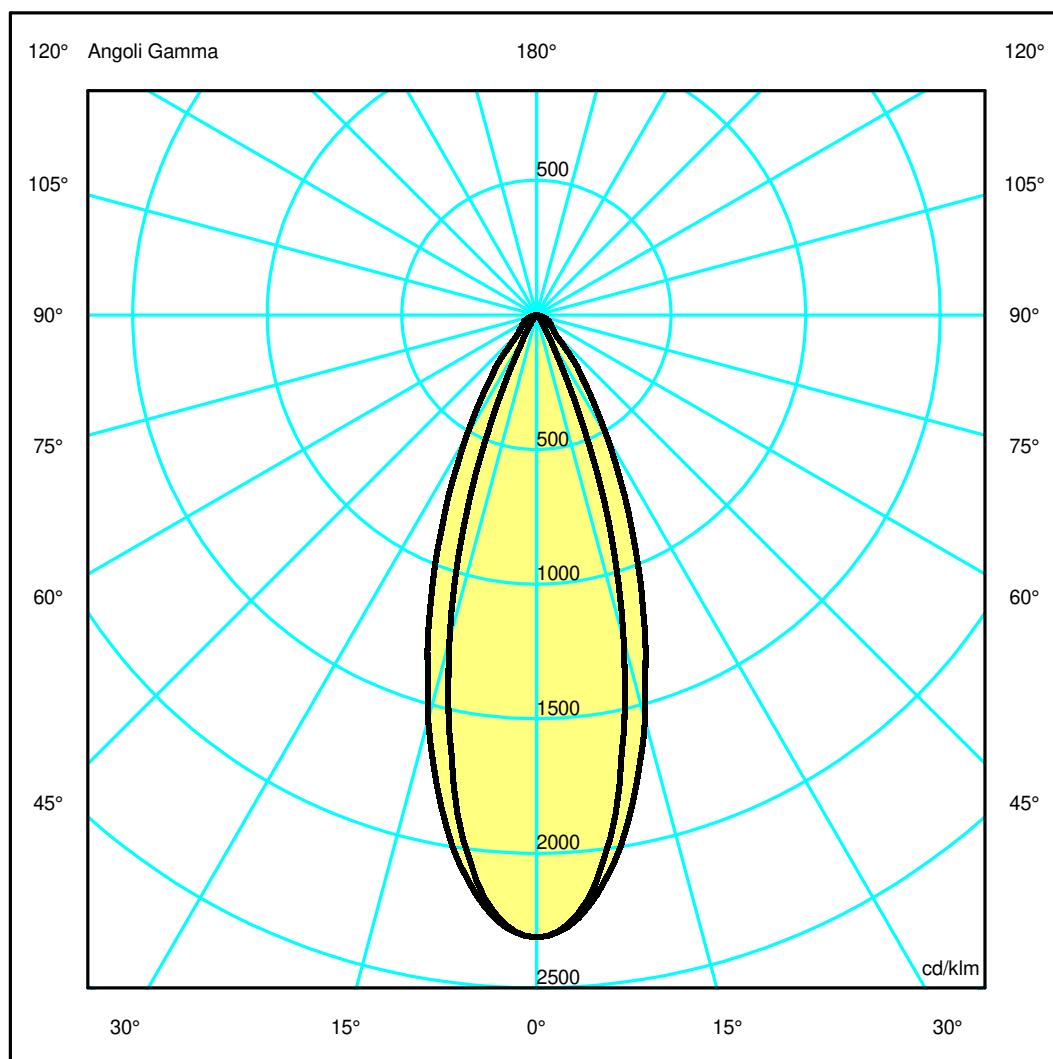
## Measurement

Code FTS2200048  
 Name GOPLE 80 S / TRK16 48V 2700K WF NRO + VECTOR 55 - LENS FOR ELLIPTICAL EMISSION

Luminaire Flux	1212 lm	Luminaire Power	23.0 W	Efficacy	52.702 lm/W	Efficiency	100.00%
Source Flux	1212 lm	Maximum value	2312.07 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		1212 lm	
LED Flux=2339lm LED Power=22W Eff=52% EfcLed=108lm/W EfcLum=53lm/W CCT=2700K Ra=90 R9=50 SDCM=3 L70(6K)=50000h							
C.I.E.	94 98 100 100 100			D DIN 5040	A60		
F UTE	1.00 A			B NBN	BZ 1		



ULOR 0.00 %  
 DLOR100.00 %  
 RN 0.00 %



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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>	
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Emitting area on Plane 90°		0.000000 m <sup>2</sup>		Glare area at 76°		0.000402 m <sup>2</sup>	
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Measurement Distance		0.00		Measurement Flux		1212 lm	

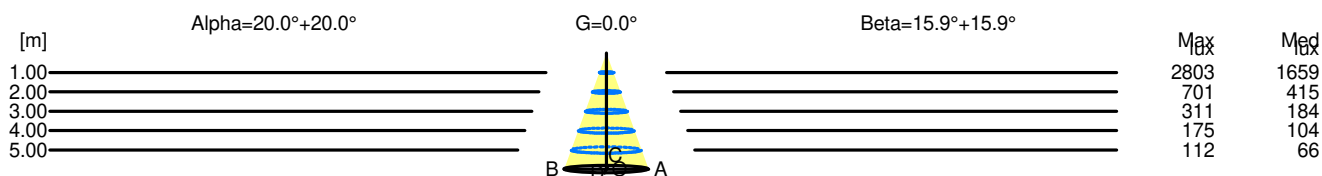
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C.I.E.	94 98 100 100 100	D DIN 5040	A60
F UTE	1.00 A	B NBN	BZ 1

### 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	0.36	0.73	1.09	1.45	1.82	OC	0.28	0.57	0.85	1.14	1.42
OB	0.36	0.73	1.09	1.45	1.82	OD	0.28	0.57	0.85	1.14	1.42

	Luminous Intensities [ cd/klm ]									
	0	5	15	25	35	45	55	65	75	85
OA	2802.56	2673.64	1885.80	977.37	392.27	118.63	62.38	53.41	26.92	3.88
OB	2802.56	2673.64	1885.80	977.37	392.27	118.63	62.38	53.41	26.92	3.88
OC	2802.56	2641.39	1513.30	326.33	40.92	17.24	9.85	4.29	1.79	0.74
OD	2802.56	2641.39	1513.30	326.33	40.92	17.24	9.85	4.29	1.79	0.74



H[m]	D[m]	Max lux	Med lux	Alpha=20.0°+20.0°	G=0.0
1.00	0.73	2803	1659		
2.00	1.45	701	415		
3.00	2.18	311	184		
4.00	2.91	175	104		
5.00	3.63	112	66		

H[m]	D[m]	Max lux	Med lux	Beta=15.9°+15.9°	G=0.0
1.00	0.57	2803	1659		
2.00	1.14	701	415		
3.00	1.71	311	184		
4.00	2.28	175	104		
5.00	2.85	112	66		