

Luminaire

Code CA31104
Name GOPLE 80 S / TRK16 48V 3000K FL NRO

Measurerm.

Code FTS2200057-A
Name GOPLE 80 S / TRK16 48V 3000K FL NRO

Luminaire Flux	1879 lm	Luminaire Power	19.0 W	Efficacy	98.895 lm/W	Efficiency	100.00%
Source Flux	1879 lm	Maximum value	5145.51 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
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		Rotosymmetrical	
Date		08-01-2025		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1879 lm	
LED Flux=2584lm LED Power=18W Eff=73% EfcLed=147lm/W EfcLum=99lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6k)=33000h							
C.I.E.	99	100	100	100	D DIN 5040	A60	
F UTE	--				B NBN	BZ 1	

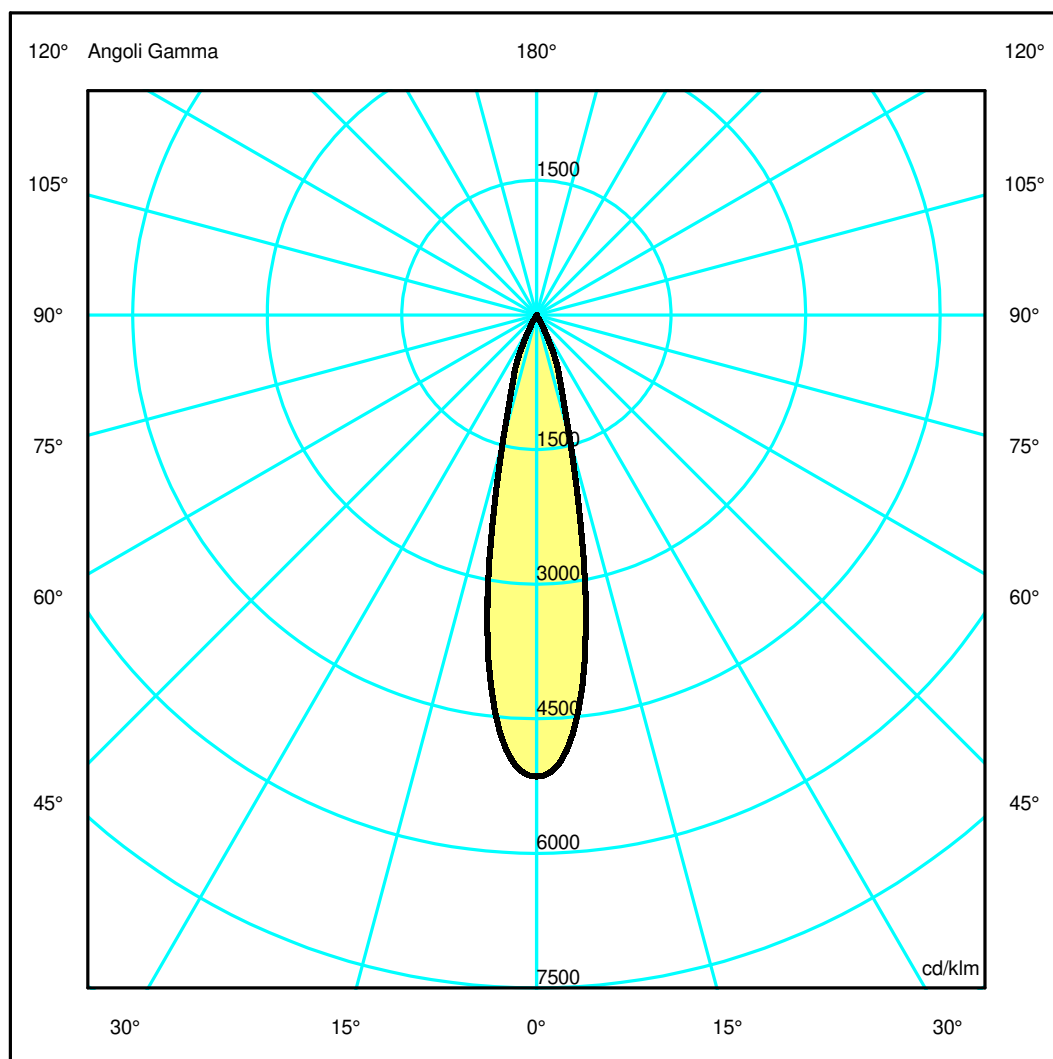
Diam=77mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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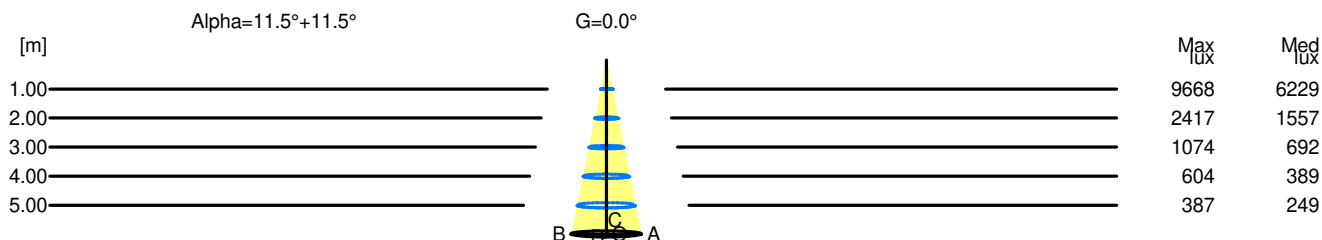
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C.I.E.	99	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

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	0.20	0.41	0.61	0.81	1.01	OC	0.20	0.41	0.61	0.81	1.01
OB	0.20	0.41	0.61	0.81	1.01	OD	0.20	0.41	0.61	0.81	1.01

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	9668.41	8787.87	2717.88	686.79	18.98	6.90	3.37	2.03	1.13	0.43
OB	9668.41	8787.87	2717.88	686.79	18.98	6.90	3.37	2.03	1.13	0.43
OC	9668.41	8787.87	2717.88	686.79	18.98	6.90	3.37	2.03	1.13	0.43
OD	9668.41	8787.87	2717.88	686.79	18.98	6.90	3.37	2.03	1.13	0.43



H[m]	D[m]	Max lux	Med lux	Alpha=11.5°+11.5°	G=0.0
1.00	0.41	9668	6229		
2.00	0.81	2417	1557		
3.00	1.22	1074	692		
4.00	1.62	604	389		
5.00	2.03	387	249		