

Luminaire

Code CA31001
Name GOPLE 80 S / TRK16 48V 3000K SP BCO

Measurem.

Code FTS2200053-A
Name GOPLE 80 S / TRK16 48V 3000K SP BCO

Luminaire Flux	1837 lm	Luminaire Power	19.0 W	Efficacy	96.684 lm/W	Efficiency	100.00%
Source Flux	1837 lm	Maximum value	7350.97 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		1837 lm	
LED Flux=2584lm LED Power=18W Eff=71% EfcLed=147lm/W EfcLum=97lm/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	

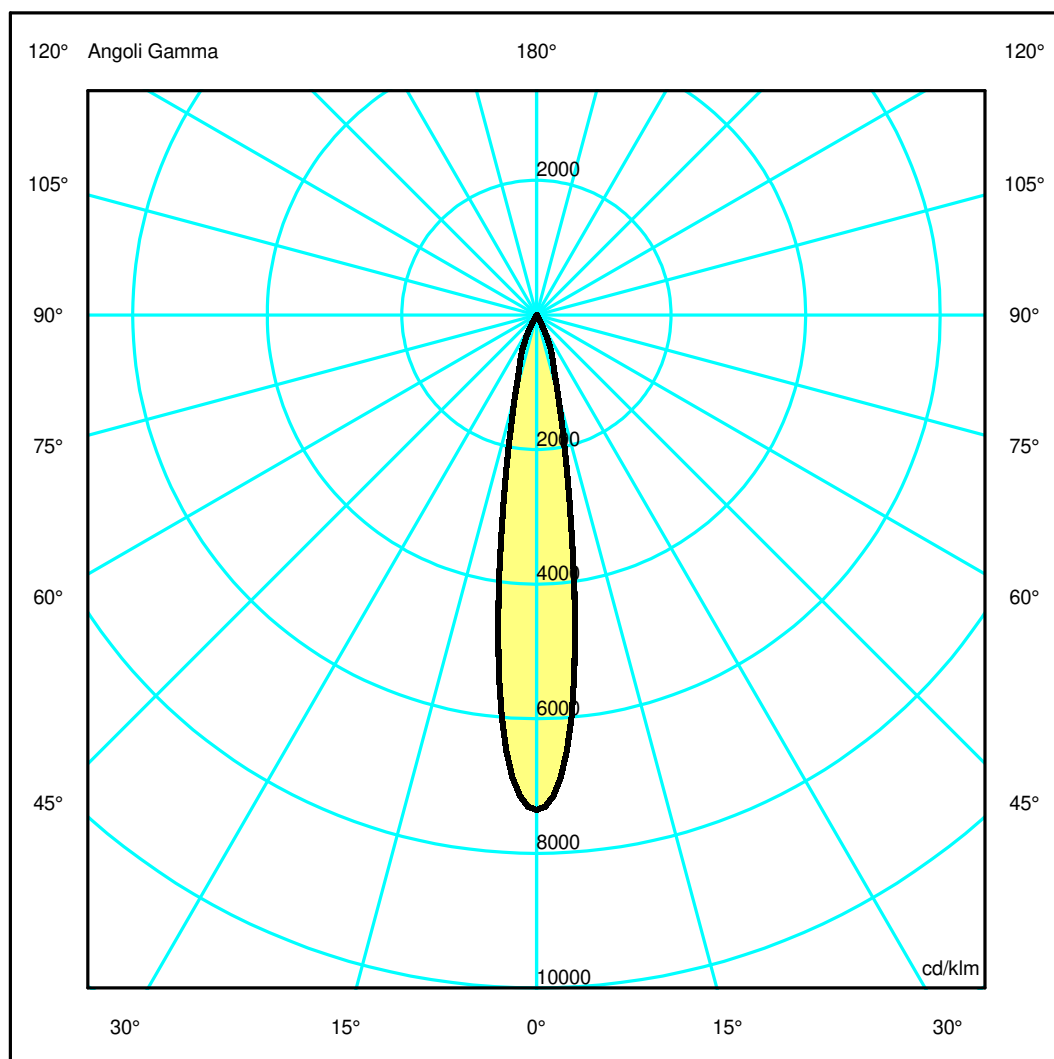
Diam=77mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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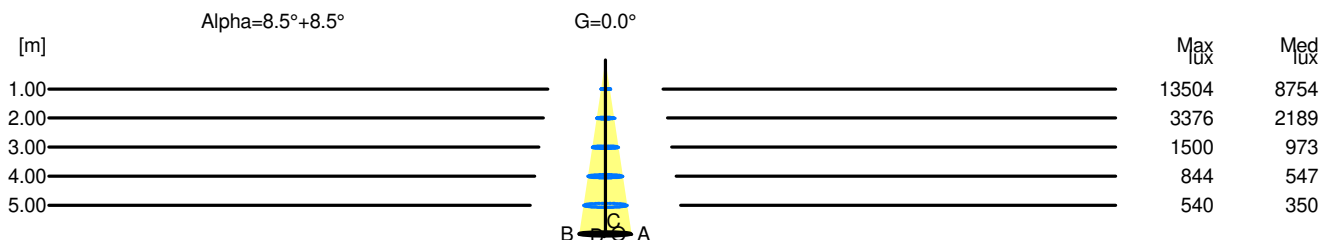
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C.I.E.	99	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

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	0.15	0.30	0.45	0.60	0.75	OC	0.15	0.30	0.45	0.60	0.75
OB	0.15	0.30	0.45	0.60	0.75	OD	0.15	0.30	0.45	0.60	0.75

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	13503.74	10970.14	2256.02	653.11	20.50	7.78	3.79	2.26	1.21	0.48
OB	13503.74	10970.14	2256.02	653.11	20.50	7.78	3.79	2.26	1.21	0.48
OC	13503.74	10970.14	2256.02	653.11	20.50	7.78	3.79	2.26	1.21	0.48
OD	13503.74	10970.14	2256.02	653.11	20.50	7.78	3.79	2.26	1.21	0.48



H[m]	D[m]	Max lux	Med lux	Alpha=8.5°+8.5°	G=0.0
1.00	0.30	13504	8754		
2.00	0.60	3376	2189		
3.00	0.90	1500	973		
4.00	1.20	844	547		
5.00	1.50	540	350		