

Luminaire

Code CA31201
Name GOPLE 80 S / TRK16 48V 3000K WF BCO

Measurem.

Code FTS2200061-A
Name GOPLE 80 S / TRK16 48V 3000K WF BCO

Luminaire Flux	1949 lm	Luminaire Power	19.0 W	Efficacy	102.579 lm/W	Efficiency	100.00%
Source Flux	1949 lm	Maximum value	3385.66 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		1949 lm	
LED Flux=2584lm LED Power=18W Eff=75% EfcLed=147lm/W EfcLum=103lm/W CCT=3000K Ra=90 R9=50 SDCM=3 L70(6k)=33000h							
C.I.E.	100	100	100	100	100	D DIN 5040	A60
F UTE	--					B NBN	BZ 1

Diam=77mm



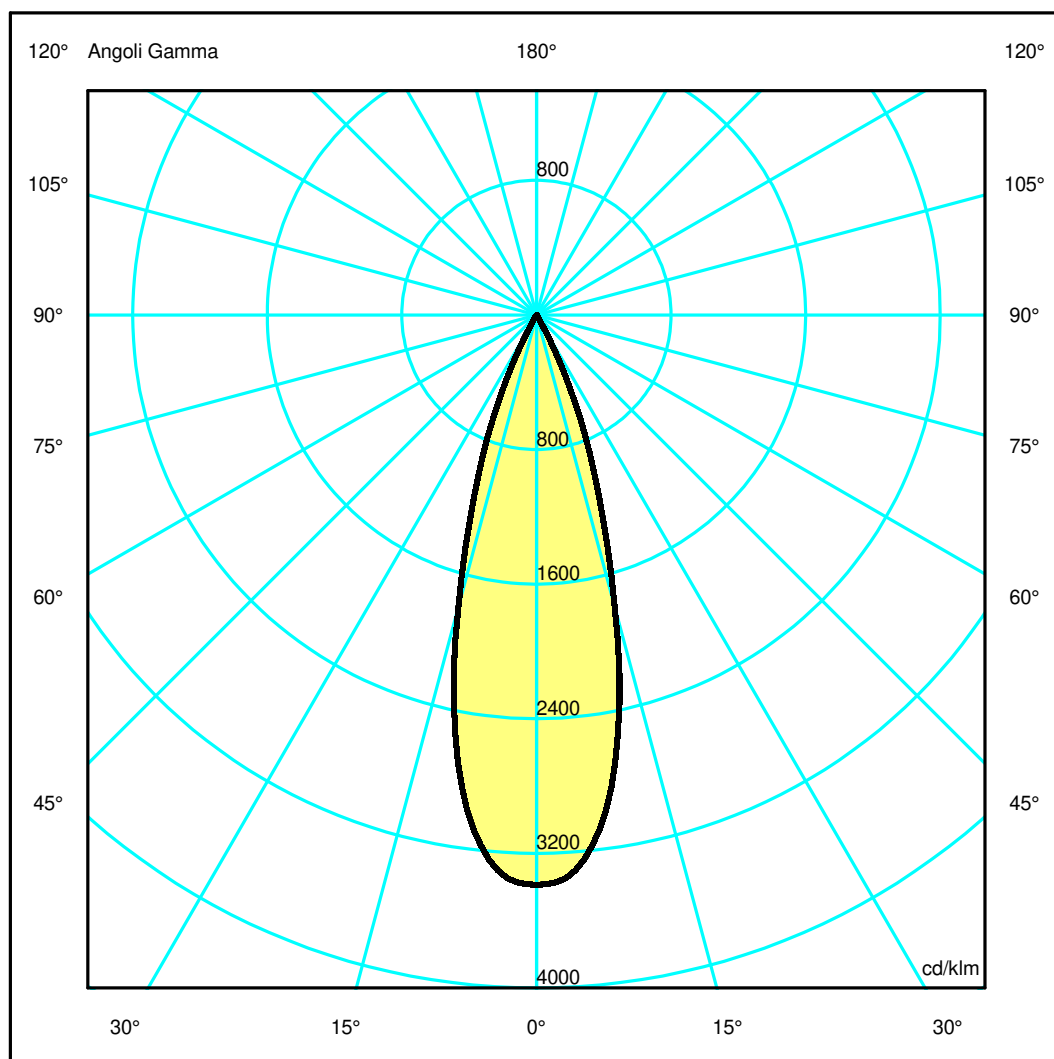
Semipiani C

180.0 ——— 0.0

ULOR 0.00 %

DLOR100.00 %

RN 0.00 %



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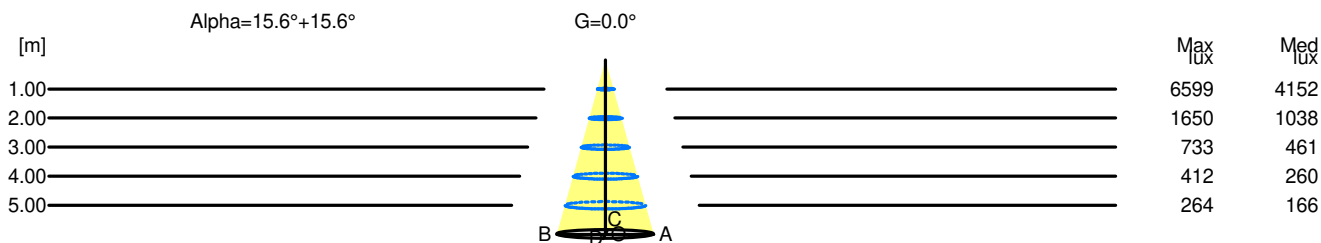
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F UTE	--					B NBN	BZ 1

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	0.28	0.56	0.84	1.11	1.39	OC	0.28	0.56	0.84	1.11	1.39
OB	0.28	0.56	0.84	1.11	1.39	OD	0.28	0.56	0.84	1.11	1.39

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	6598.66	6329.51	3497.12	840.29	21.68	6.48	2.87	1.76	1.06	0.44
OB	6598.66	6329.51	3497.12	840.29	21.68	6.48	2.87	1.76	1.06	0.44
OC	6598.66	6329.51	3497.12	840.29	21.68	6.48	2.87	1.76	1.06	0.44
OD	6598.66	6329.51	3497.12	840.29	21.68	6.48	2.87	1.76	1.06	0.44



H[m]	D[m]	Max lux	Med lux	Alpha=15.6°+15.6°	G=0.0
1.00	0.56	6599	4152		
2.00	1.11	1650	1038		
3.00	1.67	733	461		
4.00	2.23	412	260		
5.00	2.78	264	166		