

Luminaire

Code 1747W50A
Name DEMETRA MICRO T 2700K NRO OP.

Measurement

Code FTS1700014
Name DEMETRA MICRO T 2700K NRO OP.

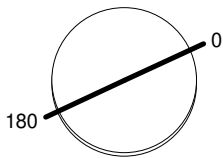
Luminaire Flux	241 lm	Luminaire Power	6.0 W	Efficacy	40.167 lm/W	Efficiency	100.00%
Source Flux	241 lm	Maximum value	525.79 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	100 mm	Height	5 mm		
Round Luminous Area		Diam.	20 mm	Height	0 mm		
Horizontal Luminous Area			0.000314 m ²	Emitting area on Plane 180°			0.000000 m ²
Emitting area on Plane 0°			0.000000 m ²	Emitting area on Plane 270°			0.000000 m ²
Emitting area on Plane 90°			0.000000 m ²	Glare area at 76°			0.000076 m ²
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		06-07-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		241 lm	

LED Flux=491,84lm LED Power=4,3W Eff=49% EfcLed=114lm/W EfcLum=40lm/W Ra=90 SDCM=2 L70(6K)=50000h

C.I.E. 66 96 100 100 100
F UTE 1.00 C

D DIN 5040 A50
B NBN BZ 2

Diam=100mm



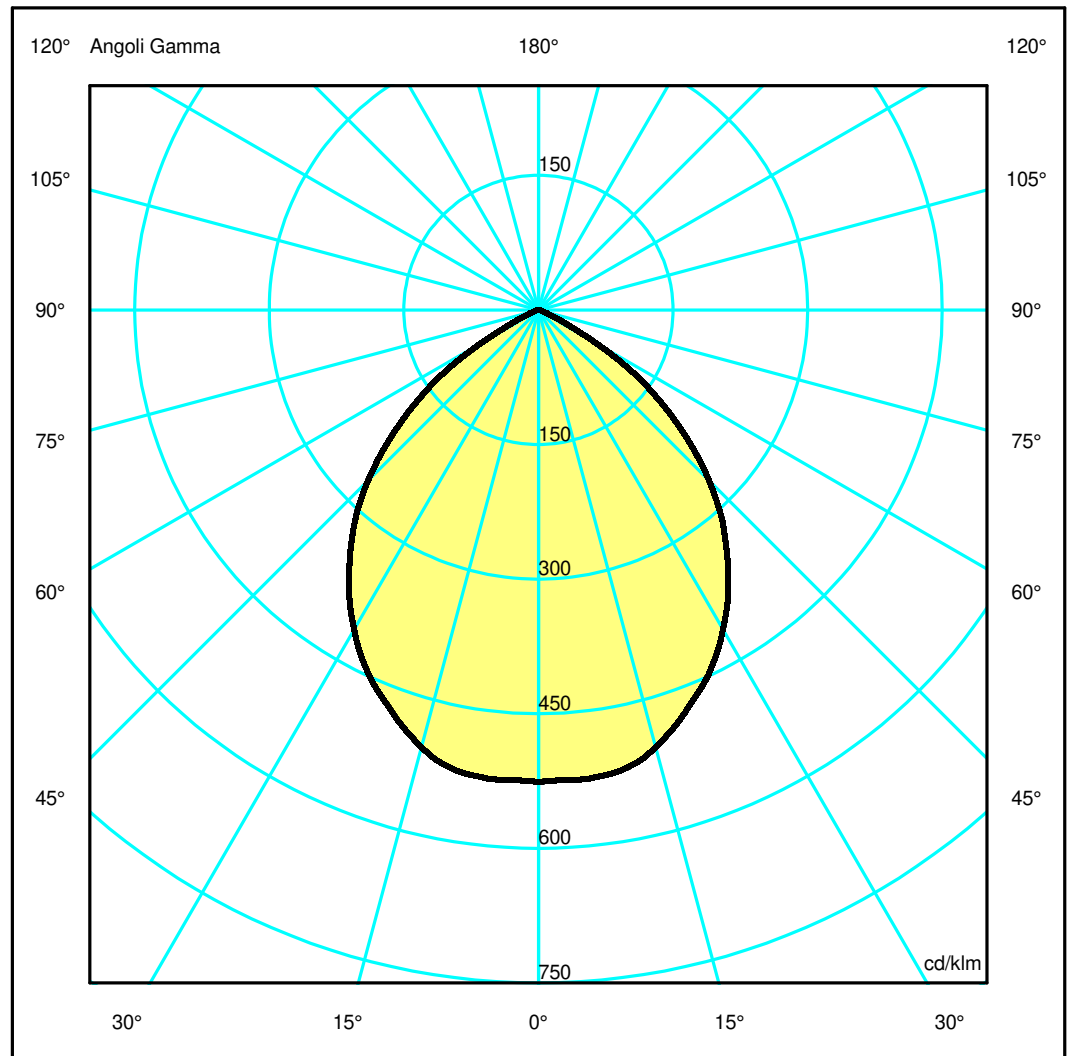
Semipiani C

180.0 ——— 0.0

ULOR 0.01 %

DLOR 99.99 %

RN 0.01 %



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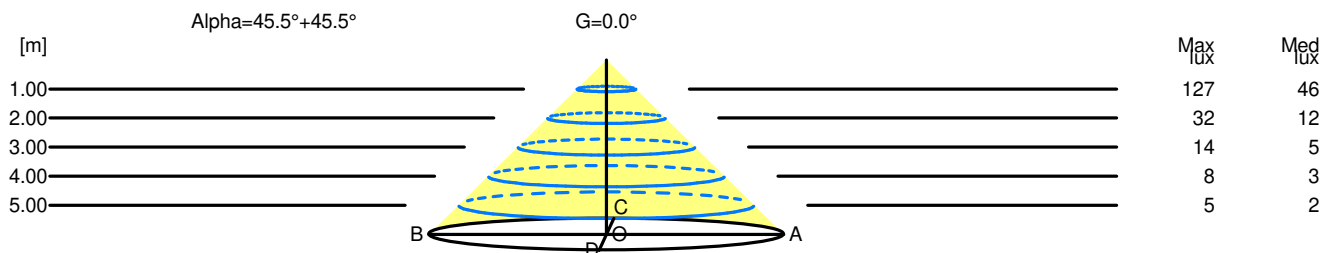
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Name DEMETRA MICRO T 2700K NRO OP.

Luminaire Flux	241 lm	Luminaire Power	6.0 W	Efficacy	40.167 lm/W	Efficiency	100.00%
Source Flux	241 lm	Maximum value	525.79 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	100 mm	Height	5 mm		
Round Luminous Area		Diam.	20 mm	Height	0 mm		
Horizontal Luminous Area		0.000314 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°		0.000076 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		06-07-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		241 lm	
LED Flux=491,84lm LED Power=4,3W Eff=49% EfcLed=114lm/W EfcLum=40lm/W Ra=90 SDCM=2 L70(6K)=50000h							
C.I.E.	66 96 100 100 100			D DIN 5040	A50		
F UTE	1.00 C			B NBN	BZ 2		

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	1.02	2.04	3.05	4.07	5.09	OC	1.02	2.04	3.05	4.07	5.09
OB	1.02	2.04	3.05	4.07	5.09	OD	1.02	2.04	3.05	4.07	5.09

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	126.71	126.61	121.54	108.00	88.82	64.81	35.26	5.96	1.15	0.46
OB	126.71	126.61	121.54	108.00	88.82	64.81	35.26	5.96	1.15	0.46
OC	126.71	126.61	121.54	108.00	88.82	64.81	35.26	5.96	1.15	0.46
OD	126.71	126.61	121.54	108.00	88.82	64.81	35.26	5.96	1.15	0.46



H[m]	D[m]	Max lux	Med lux	Alpha=45.5°+45.5°	G=0.0
1.00	2.04	127	46		
2.00	4.07	32	12		
3.00	6.11	14	5		
4.00	8.14	8	3		
5.00	10.18	5	2		