

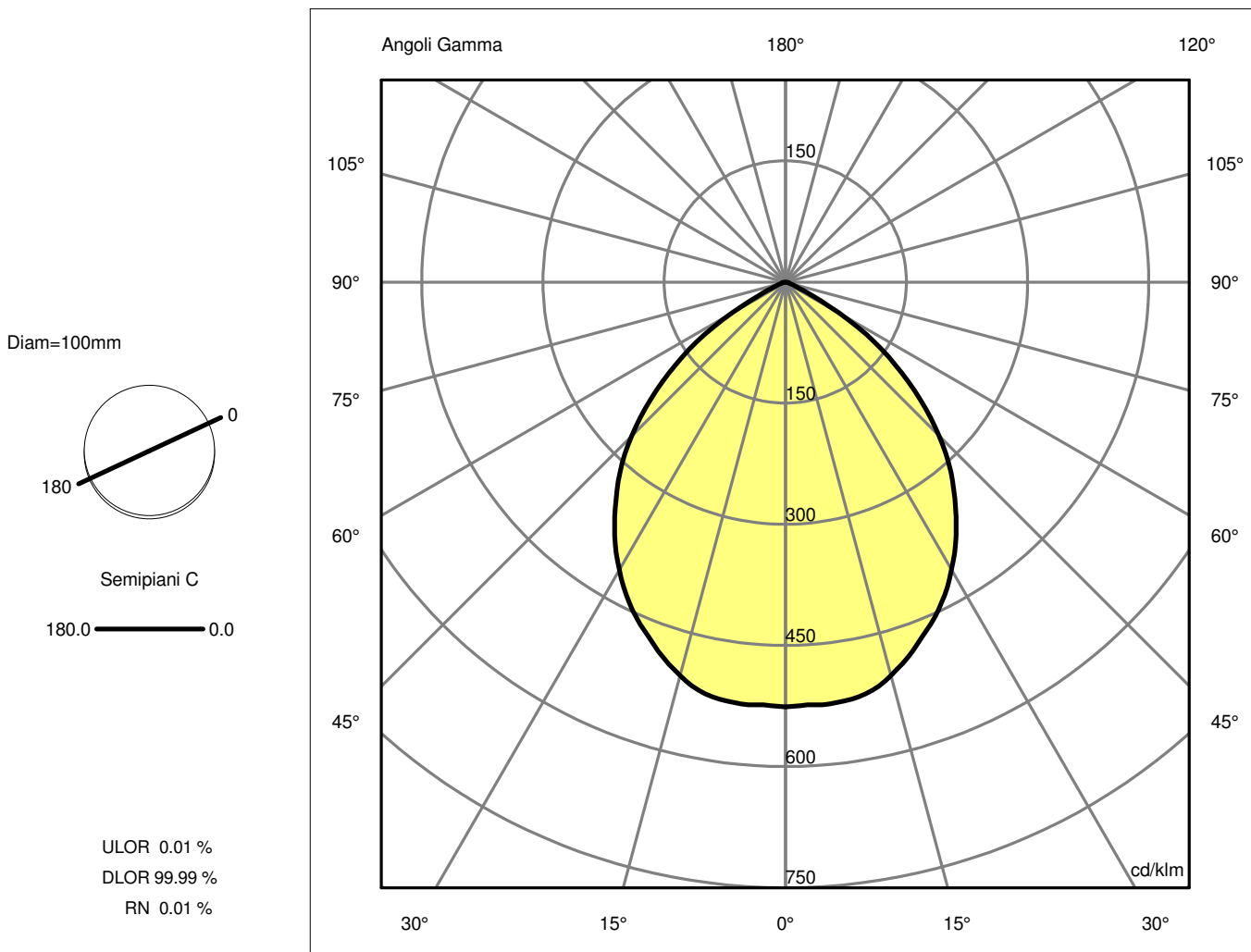
**Luminaire**

Code 1748048A  
 Name DEMETRA MICRO LED PARETE NERO USA

**Measurem.**

Code FTS1700426  
 Name DEMETRA MICRO LED PARETE NERO USA

Luminaire Flux	256.90 lm	Luminaire Power	6.00 W	Efficacy	42.82 lm/W	Efficiency	100.00%
Lamps Flux	256.90 lm	Maximum value	525.79 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	100 mm 20 mm	Height Height	5 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.000314 m2 0.000000 m2 0.000000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.000000 m2 0.000000 m2 0.000076 m2	
Coordinate system Date Measurement Distance		CG 06-07-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 256.90 lm	
LED Flux=524,3lm LED Power=4,3W Eff=49% EfcLed=122lm/W EfcLum=43lm/W Ra=90 SDCM=2 L70(6K)=50000h							
C.I.E. F UTE	66 96 100 100 100 1.00 C			D DIN 5040 B NBN	A50 BZ 2		



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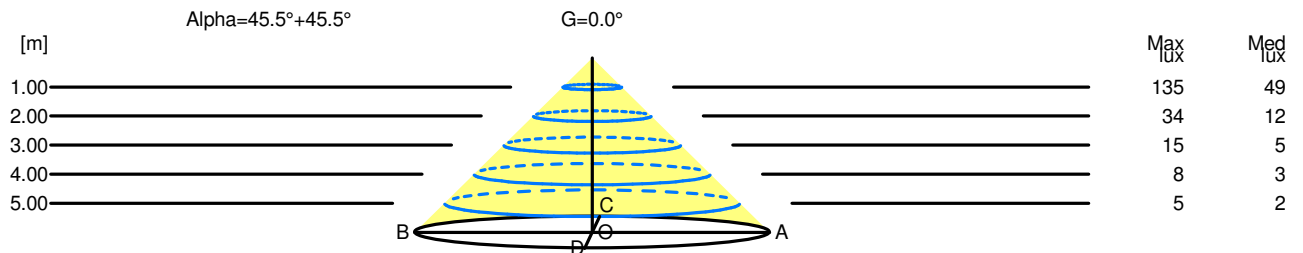
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## Width at 50.00 % of Max Intensity

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	135.07	134.96	129.56	115.13	94.68	69.09	37.59	6.36	1.23	0.49
OB	135.07	134.96	129.56	115.13	94.68	69.09	37.59	6.36	1.23	0.49
OC	135.07	134.96	129.56	115.13	94.68	69.09	37.59	6.36	1.23	0.49
OD	135.07	134.96	129.56	115.13	94.68	69.09	37.59	6.36	1.23	0.49



H[m]	D[m]	Max lux	Med lux	Alpha=45.5°+45.5°	G=0.0
1.00	2.04	135	49		
2.00	4.07	34	12		
3.00	6.11	15	5		
4.00	8.14	8	3		
5.00	10.18	5	2		

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Lamps Flux	256.90 lm	Maximum value	525.79 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical

**UGR**  
S = 0.250

Reflectancies										
Ceiling/Cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
WorkingPlane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
RoomDimensions	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	30.2	31.3	30.5	31.5	31.7	30.2	31.3	30.5	31.5	31.7
x=2H y=3H	30.1	31.1	30.5	31.3	31.6	30.1	31.1	30.5	31.3	31.6
x=2H y=4H	30.1	30.9	30.4	31.2	31.5	30.1	30.9	30.4	31.2	31.5
x=2H y=6H	30.0	30.8	30.4	31.1	31.4	30.0	30.8	30.4	31.1	31.4
x=2H y=8H	30.0	30.8	30.3	31.0	31.4	30.0	30.8	30.3	31.0	31.4
x=2H y=12H	30.0	30.7	30.3	31.0	31.3	30.0	30.7	30.3	31.0	31.3
x=4H y=2H	30.3	31.1	30.6	31.4	31.7	30.3	31.1	30.6	31.4	31.7
x=4H y=3H	30.2	30.9	30.6	31.2	31.6	30.2	30.9	30.6	31.2	31.6
x=4H y=4H	30.2	30.8	30.5	31.1	31.5	30.2	30.8	30.5	31.1	31.5
x=4H y=6H	30.1	30.6	30.5	31.0	31.4	30.1	30.6	30.5	31.0	31.4
x=4H y=8H	30.1	30.6	30.5	31.0	31.4	30.1	30.6	30.5	31.0	31.4
x=4H y=12H	30.1	30.5	30.5	30.9	31.3	30.1	30.5	30.5	30.9	31.3
x=8H y=4H	30.1	30.6	30.5	31.0	31.4	30.1	30.6	30.5	31.0	31.4
x=8H y=6H	30.0	30.4	30.5	30.8	31.3	30.0	30.4	30.5	30.8	31.3
x=8H y=8H	30.0	30.3	30.5	30.8	31.2	30.0	30.3	30.5	30.8	31.2
x=8H y=12H	29.9	30.2	30.4	30.7	31.2	29.9	30.2	30.4	30.7	31.2
x=12H y=4H	30.0	30.5	30.5	30.9	31.3	30.0	30.5	30.5	30.9	31.3
x=12H y=6H	30.0	30.3	30.4	30.8	31.2	30.0	30.3	30.4	30.8	31.2
x=12H y=8H	29.9	30.2	30.4	30.7	31.2	29.9	30.2	30.4	30.7	31.2