

## Luminaire

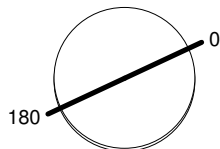
Code 1730W28A  
Name DEMETRA LED WALL + SWITCH BIANCO 2700K USA

## Measurem.

Code FTS1700414  
Name DEMETRA LED WALL + SWITCH BIANCO 2700K USA

Luminaire Flux	360.00 lm	Luminaire Power	9.00 W	Efficacy	40.00 lm/W	Efficiency	100.00%
Lamps Flux	360.00 lm	Maximum value	542.97 cd/klm	Position	C=0.00 G=3.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area	Diam. 127 mm Diam. 34 mm	Height	5 mm	Height	0 mm		
Horizontal Luminous Area	0.000908 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°			0.000220 m2		
Coordinate system	CG	Symmetry Type			Rotosymmetrical		
Date	05-07-2016	Maximum Gamma Angle			180		
Measurement Distance	0.00	Measurement Flux			360.00 lm		
LED Flux=666,67lm LED Power=6W Eff=54% EfcLed=111lm/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		

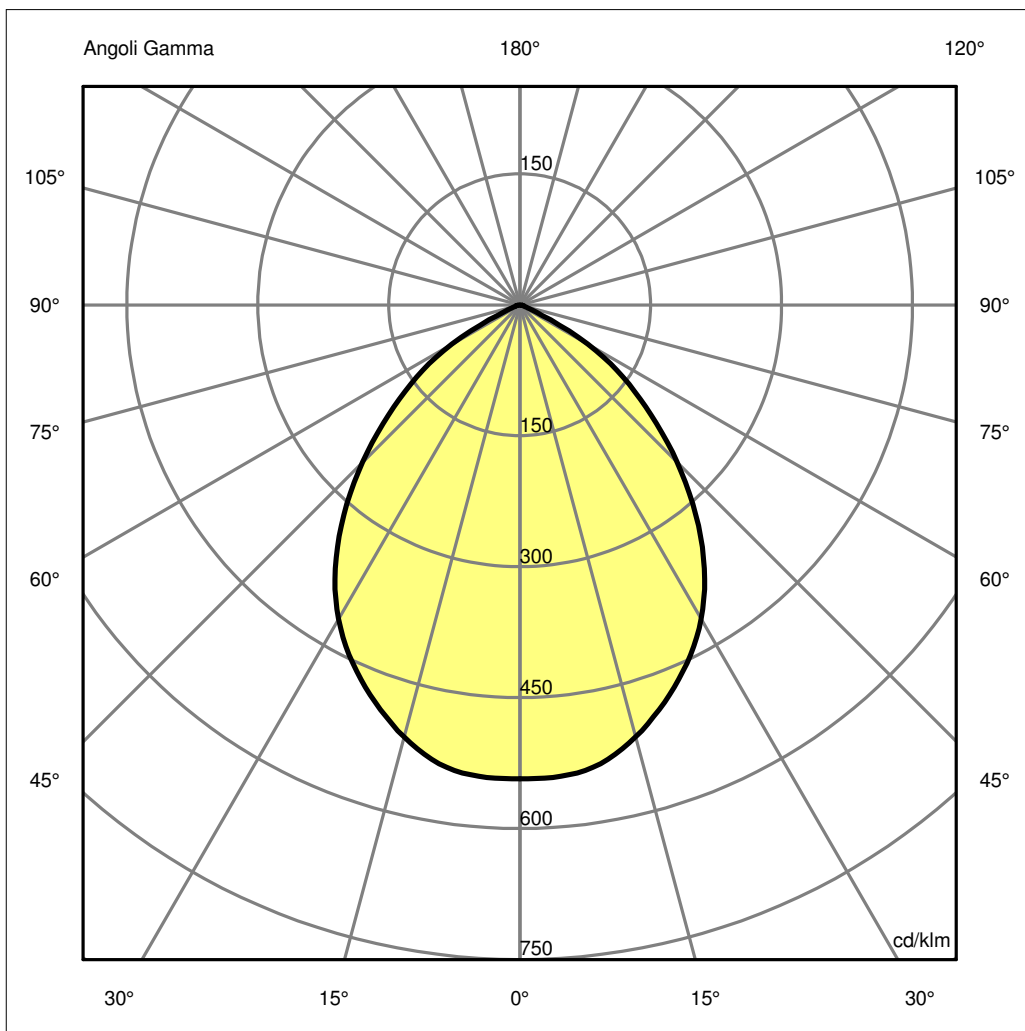
Diam=127mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %  
DLOR100.00 %  
RN 0.00 %



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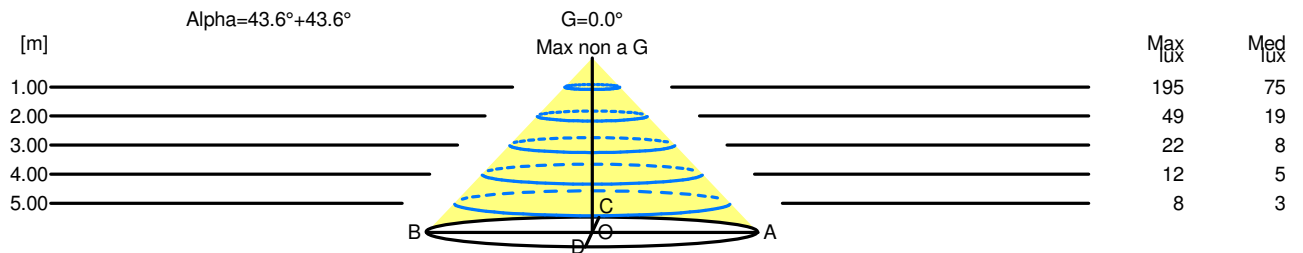
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Round Luminaire		Diam.	127 mm	Height	5 mm		
Round Luminous Area		Diam.	34 mm	Height	0 mm		
Horizontal Luminous Area	0.000908 m2			Emitting area on Plane 180°	0.000000 m2		
Emitting area on Plane 0°	0.000000 m2			Emitting area on Plane 270°	0.000000 m2		
Emitting area on Plane 90°	0.000000 m2			Glare area at 76°	0.000220 m2		
Coordinate system	CG	Symmetry Type		Maximum Gamma Angle	180		Rotosymmetrical
Date	05-07-2016	Measurement Flux			360.00 lm		
Measurement Distance	0.00						
LED Flux=666,67lm LED Power=6W Eff=54% EfcLed=111lm/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	0.95	1.90	2.85	3.81	4.76	OC	0.95	1.90	2.85	3.81	4.76
OB	0.95	1.90	2.85	3.81	4.76	OD	0.95	1.90	2.85	3.81	4.76

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	195.37	195.08	184.37	162.99	132.66	91.70	51.95	10.30	1.70	0.53
OB	195.37	195.08	184.37	162.99	132.66	91.70	51.95	10.30	1.70	0.53
OC	195.37	195.08	184.37	162.99	132.66	91.70	51.95	10.30	1.70	0.53
OD	195.37	195.08	184.37	162.99	132.66	91.70	51.95	10.30	1.70	0.53



H[m]	D[m]	Max lux	Med lux	Alpha=43.6°+43.6°	G=0.0 Max non a G
1.00	1.90	195	75		
2.00	3.81	49	19		
3.00	5.71	22	8		
4.00	7.61	12	5		
5.00	9.51	8	3		

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Lamps Flux	360.00 lm	Maximum value	542.97 cd/klm	Position	C=0.00 G=3.00	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	27.7	28.8	28.0	29.0	29.2	27.7	28.8	28.0	29.0	29.2
x=2H y=3H	27.6	28.6	27.9	28.8	29.1	27.6	28.6	27.9	28.8	29.1
x=2H y=4H	27.6	28.4	27.9	28.7	29.0	27.6	28.4	27.9	28.7	29.0
x=2H y=6H	27.5	28.3	27.8	28.6	28.9	27.5	28.3	27.8	28.6	28.9
x=2H y=8H	27.5	28.2	27.8	28.5	28.8	27.5	28.2	27.8	28.5	28.8
x=2H y=12H	27.4	28.1	27.8	28.5	28.8	27.4	28.1	27.8	28.5	28.8
x=4H y=2H	27.8	28.7	28.1	29.0	29.2	27.8	28.7	28.1	29.0	29.2
x=4H y=3H	27.7	28.5	28.1	28.8	29.1	27.7	28.5	28.1	28.8	29.1
x=4H y=4H	27.7	28.3	28.1	28.7	29.0	27.7	28.3	28.1	28.7	29.0
x=4H y=6H	27.6	28.2	28.0	28.6	28.9	27.6	28.2	28.0	28.6	28.9
x=4H y=8H	27.6	28.1	28.0	28.5	28.9	27.6	28.1	28.0	28.5	28.9
x=4H y=12H	27.6	28.0	28.0	28.4	28.9	27.6	28.0	28.0	28.4	28.9
x=8H y=4H	27.6	28.1	28.0	28.5	28.9	27.6	28.1	28.0	28.5	28.9
x=8H y=6H	27.5	27.9	28.0	28.4	28.8	27.5	27.9	28.0	28.4	28.8
x=8H y=8H	27.5	27.9	28.0	28.3	28.8	27.5	27.9	28.0	28.3	28.8
x=8H y=12H	27.5	27.8	28.0	28.2	28.7	27.5	27.8	28.0	28.2	28.7
x=12H y=4H	27.6	28.0	28.0	28.4	28.8	27.6	28.0	28.0	28.4	28.8
x=12H y=6H	27.5	27.8	28.0	28.3	28.8	27.5	27.8	28.0	28.3	28.8
x=12H y=8H	27.5	27.8	27.9	28.2	28.7	27.5	27.8	27.9	28.2	28.7