

Luminaire

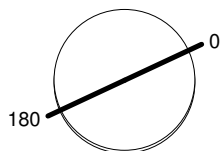
Code 1731W28A
Name DEMETRA LED WALL BIANCO 2700K USA

Measurem.

Code FTS1700417
Name DEMETRA LED WALL BIANCO 2700K USA

Luminaire Flux	360.00 lm	Luminaire Power	8.00 W	Efficacy	45.00 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. Diam.	127 mm 34 mm	Height Height	5 mm 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=45lm/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			

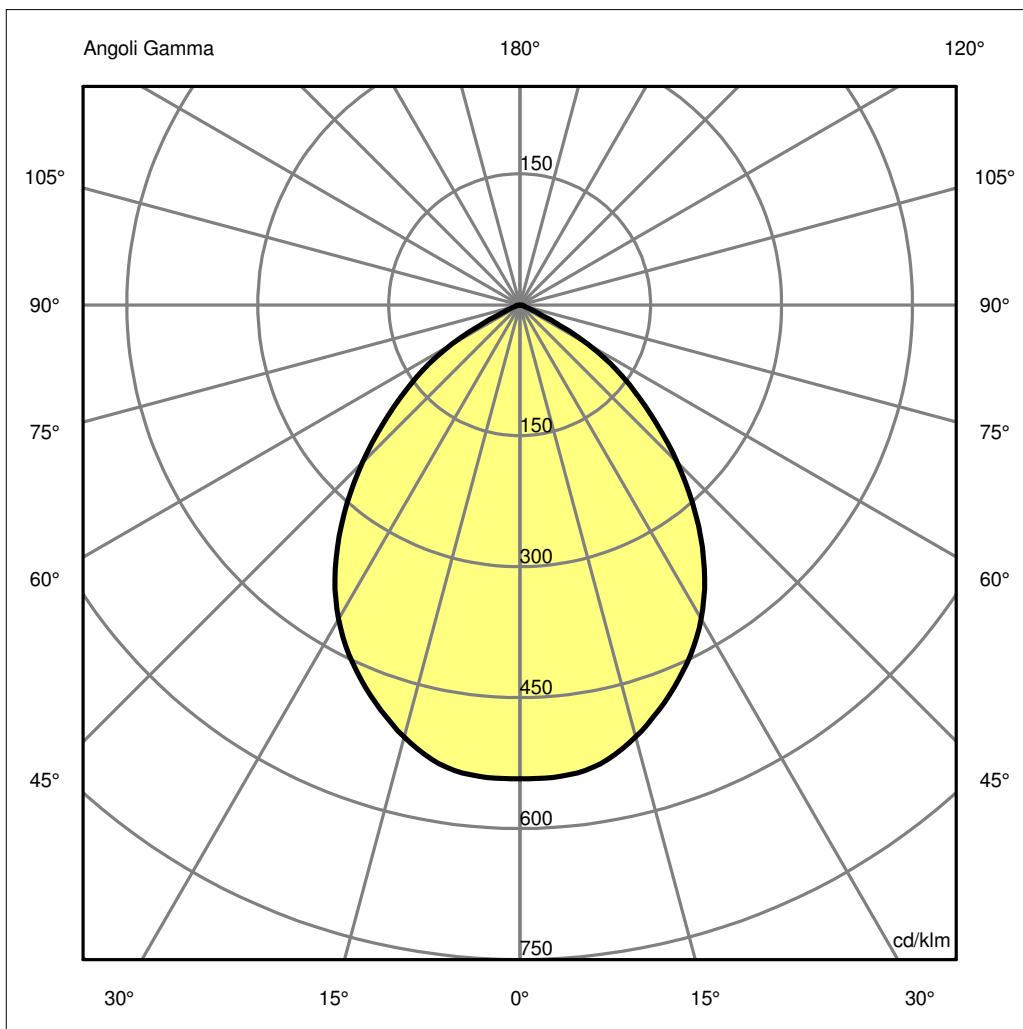
Diam=127mm



Semipiani C

180.0 ——— 0.0

ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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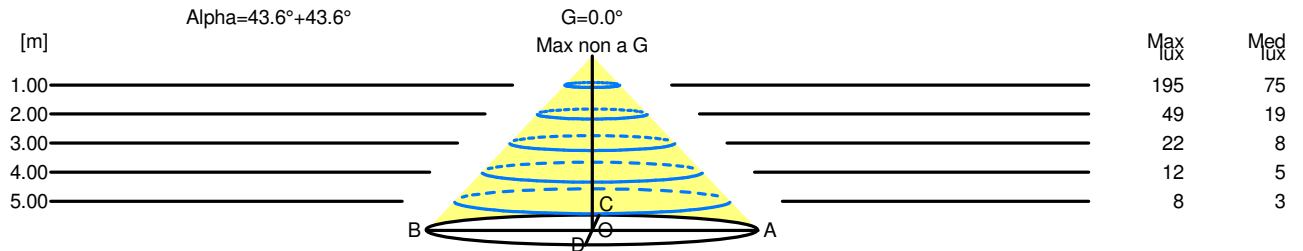
Code FTS1700417
Name DEMETRA LED WALL BIANCO 2700K USA

Luminaire Flux	360.00 lm	Luminaire Power	8.00 W	Efficacy	45.00 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. Diam.	127 mm 34 mm	Height Height	5 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.000908 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 0.000220 m2	
Coordinate system Date Measurement Distance		CG 05-07-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 360.00 lm	
LED Flux=666,67lm LED Power=6W Eff=54% EfcLed=111lm/W EfcLum=45lm/W Ra=90 SDCM=2 L70(6K)=50000h							
C.I.E. F UTE	66 96 100 1.00 C	100 100 100		D DIN 5040 B NBN	A50 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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Luminaire Flux	360.00 lm	Luminaire Power	8.00 W	Efficacy	45.00 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

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