

Luminaire

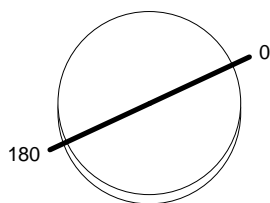
Code 0577010A
Name MELAMPO MEGA TERRA

Measurement

Code FTS0002539
Name MELAMPO MEGA TERRA

Luminaire Flux	3561.86 lm	Luminaire Power	300.00 W	Efficacy	11.87 lm/W	Efficiency	62.05%
Lamps Flux	5740.00 lm	Maximum value	152.25 cd/klm	Position	C=0.00 G=30.00	CG	Rotosymmetrical
Round Luminaire		Diam.	570 mm	Height	450 mm		
Round Luminous Area		Diam.	570 mm	Height	450 mm		
Horizontal Luminous Area		0.255176 m2		Emitting area on Plane 180°		0.256500 m2	
Emitting area on Plane 0°		0.256500 m2		Emitting area on Plane 270°		0.256500 m2	
Emitting area on Plane 90°		0.256500 m2		Glare area at 76°		0.310613 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		05-05-2007		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5740.00 lm	
64402							
C.I.E.	54 82 94 68 62			D DIN 5040		B41	
F UTE	0.42 D + 0.20 T			B NBN		BZ 4	

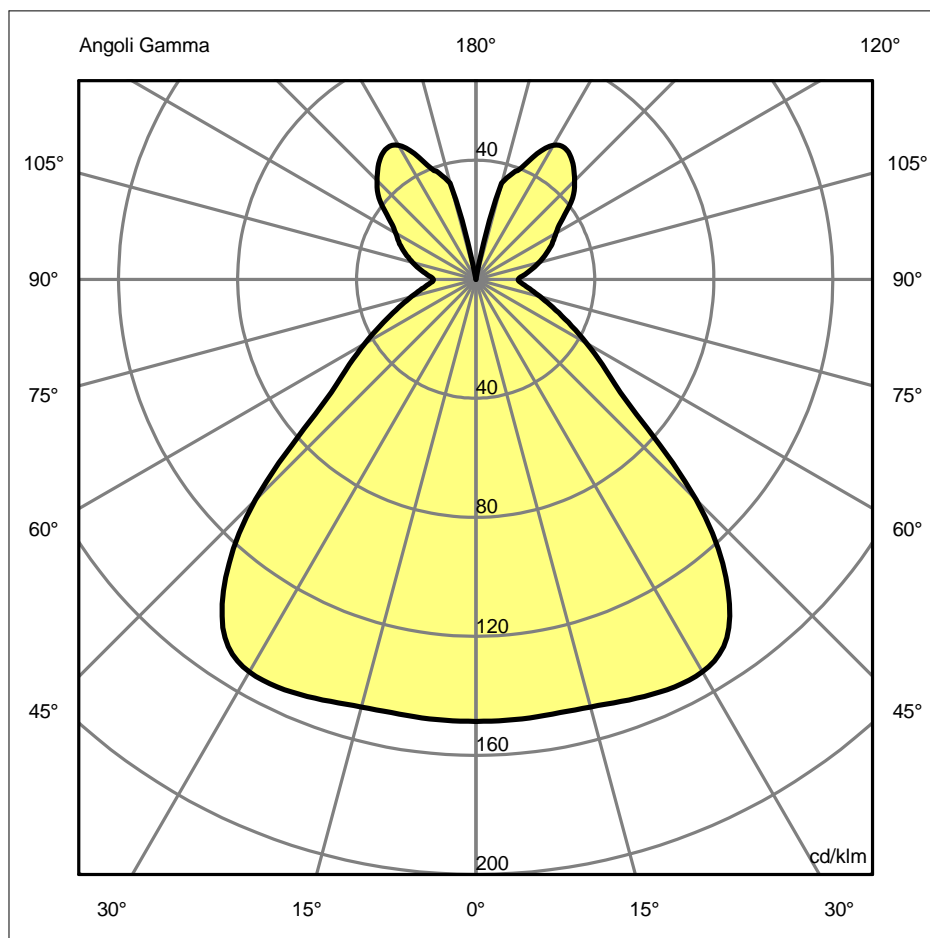
Diam=570mm



Semipiani C

180.0 ——— 0.0

ULOR 19.95 %
DLOR 42.11 %
RN 32.15 %



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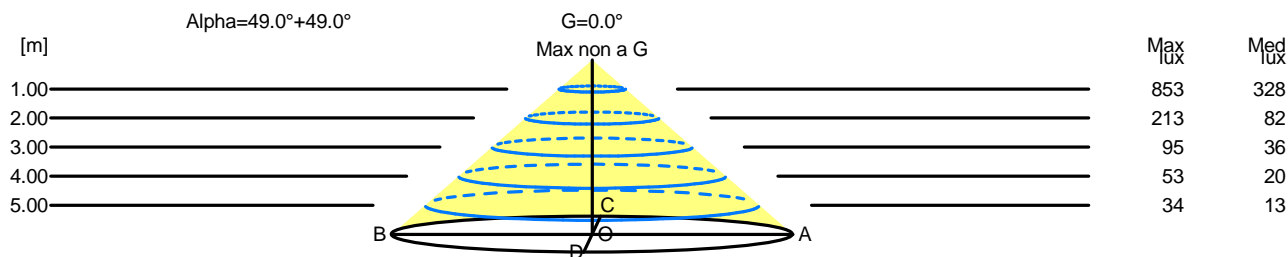
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Round Luminaire Round Luminous Area		Diam. Diam.	570 mm 570 mm	Height Height	450 mm 450 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.255176 m2 0.256500 m2 0.256500 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.256500 m2 0.256500 m2 0.310613 m2	
Coordinate system Date Measurement Distance		CG 05-05-2007 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 5740.00 lm	
64402							
C.I.E. F UTE	54 82 94 68 62 0.42 D + 0.20 T			D DIN 5040 B NBN		B41 BZ 4	

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	1.15	2.30	3.45	4.61	5.76	OC	1.15	2.30	3.45	4.61	5.76
OB	1.15	2.30	3.45	4.61	5.76	OD	1.15	2.30	3.45	4.61	5.76

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	852.50	852.45	853.80	873.14	843.73	600.93	307.26	196.79	128.06	88.71
OB	852.50	852.45	853.80	873.14	843.73	600.93	307.26	196.79	128.06	88.71
OC	852.50	852.45	853.80	873.14	843.73	600.93	307.26	196.79	128.06	88.71
OD	852.50	852.45	853.80	873.14	843.73	600.93	307.26	196.79	128.06	88.71



H[m]	D[m]	Max lux	Med lux	Alpha=49.0°+49.0°	G=0.0 Max non a G
1.00	2.30	853	328		
2.00	4.61	213	82		
3.00	6.91	95	36		
4.00	9.21	53	20		
5.00	11.51	34	13		

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Lamps Flux	5740.00 lm	Maximum value	152.25 cd/klm	Position	C=0.00 G=30.00	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	9.8	10.7	10.5	11.4	12.2	9.8	10.7	10.5	11.4	12.2
x=2H y=3H	10.5	11.3	11.2	12.0	12.9	10.5	11.3	11.2	12.0	12.9
x=2H y=4H	10.9	11.6	11.6	12.3	13.2	10.9	11.6	11.6	12.3	13.2
x=2H y=6H	11.2	11.9	11.9	12.6	13.5	11.2	11.9	11.9	12.6	13.5
x=2H y=8H	11.3	12.0	12.1	12.8	13.7	11.3	12.0	12.1	12.8	13.7
x=2H y=12H	11.5	12.1	12.3	12.9	13.8	11.5	12.1	12.3	12.9	13.8
x=4H y=2H	10.0	10.8	10.8	11.5	12.4	10.0	10.8	10.8	11.5	12.4
x=4H y=3H	10.9	11.6	11.7	12.4	13.3	10.9	11.6	11.7	12.4	13.3
x=4H y=4H	11.4	12.0	12.2	12.8	13.7	11.4	12.0	12.2	12.8	13.7
x=4H y=6H	11.9	12.4	12.7	13.2	14.2	11.9	12.4	12.7	13.2	14.2
x=4H y=8H	12.1	12.6	12.9	13.4	14.4	12.1	12.6	12.9	13.4	14.4
x=4H y=12H	12.3	12.7	13.2	13.6	14.6	12.3	12.7	13.2	13.6	14.6
x=8H y=4H	11.6	12.0	12.4	12.8	13.8	11.6	12.0	12.4	12.8	13.8
x=8H y=6H	12.2	12.6	13.1	13.4	14.5	12.2	12.6	13.1	13.4	14.5
x=8H y=8H	12.5	12.9	13.4	13.7	14.8	12.5	12.9	13.4	13.7	14.8
x=8H y=12H	12.9	13.2	13.8	14.1	15.2	12.9	13.2	13.8	14.1	15.2
x=12H y=4H	11.6	12.0	12.4	12.8	13.8	11.6	12.0	12.4	12.8	13.8
x=12H y=6H	12.2	12.6	13.1	13.4	14.5	12.2	12.6	13.1	13.4	14.5
x=12H y=8H	12.6	12.9	13.5	13.8	14.9	12.6	12.9	13.5	13.8	14.9