

## Luminaire

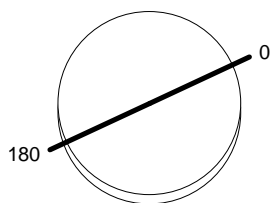
Code 0762010A+0780020A  
 Name TOLOMEO MEGA LED BODY DIMM/CABLE + TOLOMEO MEGA DIFF.PERG.360

## Measurerm.

Code FTS1601743  
 Name TOLOMEO MEGA LED BODY DIMM/CABLE + TOLOMEO MEGA DIFF.PERG.360

Luminaire Flux	2001.91 lm	Luminaire Power	31.00 W	Efficacy	64.58 lm/W	Efficiency	100.00%
Lamps Flux	2001.91 lm	Maximum value	443.19 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	360 mm	Height	250 mm		
Round Luminous Area		Diam.	360 mm	Height	250 mm		
Horizontal Luminous Area		0.101788 m2		Emitting area on Plane 180°		0.090000 m2	
Emitting area on Plane 0°		0.090000 m2		Emitting area on Plane 270°		0.090000 m2	
Emitting area on Plane 90°		0.090000 m2		Glare area at 76°		0.111951 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		22-09-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2001.91 lm	
LED Flux=2914lm LED Power=25,6W Eff=68,7% EfcLed=114lm/W EfcLum=65lm/W Ra=92 SDCM=2 L70(6K)=50000h							
C.I.E.	68 85 94 83 100			D DIN 5040	B51		
F UTE	0.83 C + 0.17 T			B NBN	BZ 2 / 0.8 / BZ 3 / 4 / BZ 4		

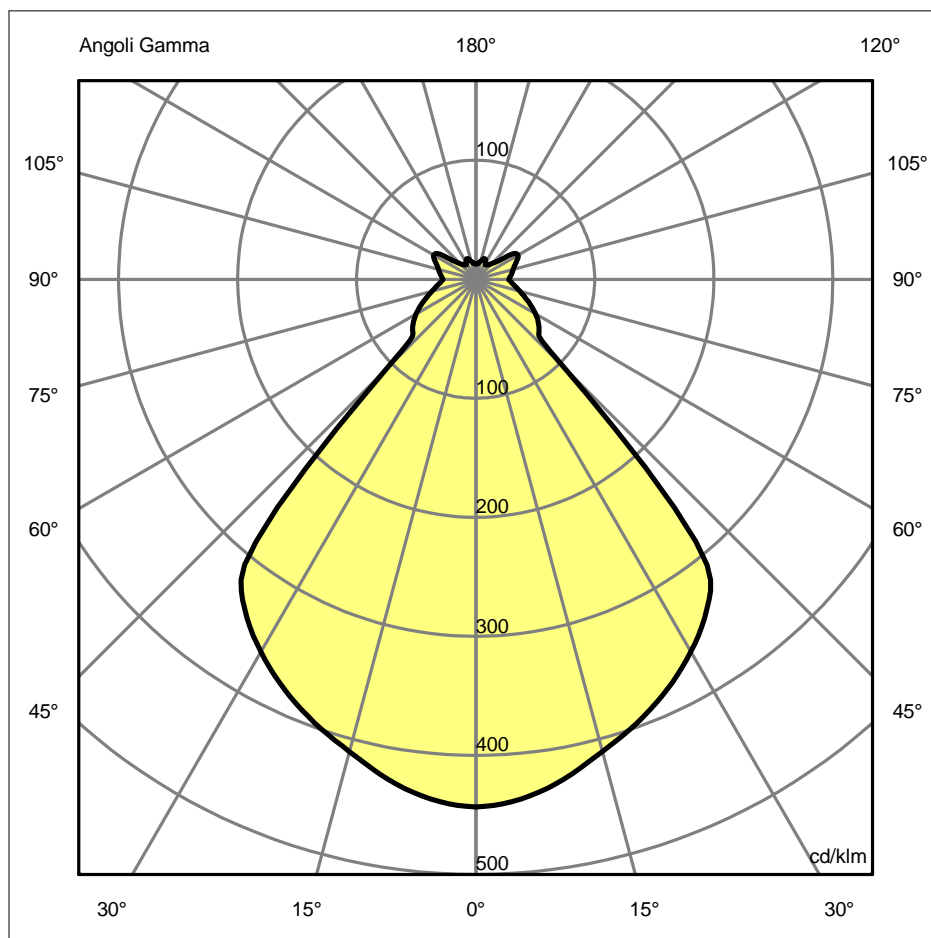
Diam=360mm



Semipiani C

180.0 ——— 0.0

ULOR 17.39 %  
 DLOR 82.61 %  
 RN 17.39 %



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## Measurement

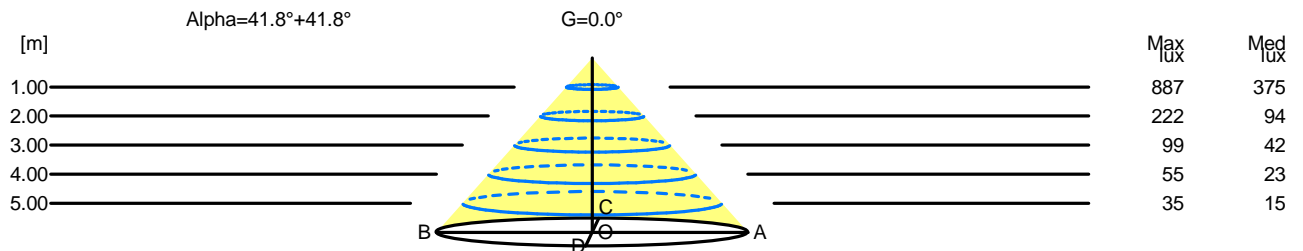
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Luminaire Flux	2001.91 lm	Luminaire Power	31.00 W	Efficacy	64.58 lm/W	Efficiency	100.00%
Lamps Flux	2001.91 lm	Maximum value	443.19 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	360 mm 360 mm	Height Height	250 mm 250 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.101788 m2 0.090000 m2 0.090000 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.090000 m2 0.090000 m2 0.111951 m2	
Coordinate system Date Measurement Distance		CG 22-09-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 2001.91 lm	
LED Flux=2914lm LED Power=25,6W Eff=68,7% EfcLed=114lm/W EfcLum=65lm/W Ra=92 SDCM=2 L70(6K)=50000h							
C.I.E. F UTE	68 85 94 83 100 0.83 C + 0.17 T			D DIN 5040 B NBN		B51 BZ 2 / 0.8 / BZ 3 / 4 / 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	0.89	1.79	2.68	3.58	4.47	OC	0.89	1.79	2.68	3.58	4.47
OB	0.89	1.79	2.68	3.58	4.47	OD	0.89	1.79	2.68	3.58	4.47

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	887.22	876.95	822.02	761.11	677.32	210.32	128.62	101.42	76.29	59.96
OB	887.22	876.95	822.02	761.11	677.32	210.32	128.62	101.42	76.29	59.96
OC	887.22	876.95	822.02	761.11	677.32	210.32	128.62	101.42	76.29	59.96
OD	887.22	876.95	822.02	761.11	677.32	210.32	128.62	101.42	76.29	59.96



H[m]	D[m]	Max lux	Med lux	Alpha=41.8°+41.8°	G=0.0
1.00	1.79	887	375		
2.00	3.58	222	94		
3.00	5.36	99	42		
4.00	7.15	55	23		
5.00	8.94	35	15		

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Lamps Flux	2001.91 lm	Maximum value	443.19 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	11.0	11.9	11.5	12.4	12.9	11.0	11.9	11.5	12.4	12.9
x=2H y=3H	11.8	12.7	12.4	13.2	13.8	11.8	12.7	12.4	13.2	13.8
x=2H y=4H	12.3	13.1	12.9	13.6	14.3	12.3	13.1	12.9	13.6	14.3
x=2H y=6H	12.8	13.5	13.4	14.1	14.8	12.8	13.5	13.4	14.1	14.8
x=2H y=8H	13.1	13.8	13.7	14.4	15.0	13.1	13.8	13.7	14.4	15.0
x=2H y=12H	13.4	14.0	14.0	14.6	15.3	13.4	14.0	14.0	14.6	15.3
x=4H y=2H	11.2	12.0	11.8	12.6	13.2	11.2	12.0	11.8	12.6	13.2
x=4H y=3H	12.3	13.0	12.9	13.6	14.3	12.3	13.0	12.9	13.6	14.3
x=4H y=4H	13.0	13.6	13.6	14.2	14.9	13.0	13.6	13.6	14.2	14.9
x=4H y=6H	13.7	14.2	14.3	14.8	15.6	13.7	14.2	14.3	14.8	15.6
x=4H y=8H	14.1	14.5	14.7	15.2	15.9	14.1	14.5	14.7	15.2	15.9
x=4H y=12H	14.4	14.8	15.1	15.5	16.3	14.4	14.8	15.1	15.5	16.3
x=8H y=4H	13.3	13.7	13.9	14.4	15.1	13.3	13.7	13.9	14.4	15.1
x=8H y=6H	14.2	14.5	14.9	15.2	16.0	14.2	14.5	14.9	15.2	16.0
x=8H y=8H	14.7	15.0	15.4	15.7	16.5	14.7	15.0	15.4	15.7	16.5
x=8H y=12H	15.2	15.5	15.9	16.2	17.0	15.2	15.5	15.9	16.2	17.0
x=12H y=4H	13.3	13.7	14.0	14.4	15.2	13.3	13.7	14.0	14.4	15.2
x=12H y=6H	14.3	14.6	15.0	15.3	16.1	14.3	14.6	15.0	15.3	16.1
x=12H y=8H	14.8	15.1	15.6	15.8	16.7	14.8	15.1	15.6	15.8	16.7