

## Luminaire

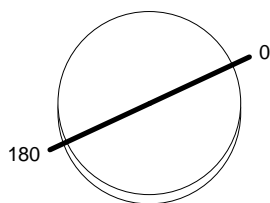
Code 0762010A+0781010A  
 Name TOLOMEO MEGA LED BODY DIMM/CABLE + TOLOMEO MEGA DIFF.RASO 320

## Measurerm.

Code FTS1601751  
 Name TOLOMEO MEGA LED BODY DIMM/CABLE + TOLOMEO MEGA DIFF.RASO 320

Luminaire Flux	1894.00 lm	Luminaire Power	31.00 W	Efficacy	61.10 lm/W	Efficiency	100.00%
Lamps Flux	1894.00 lm	Maximum value	472.66 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire		Diam.	320 mm	Height	220 mm		
Round Luminous Area		Diam.	320 mm	Height	220 mm		
Horizontal Luminous Area		0.080425 m2		Emitting area on Plane 180°		0.070400 m2	
Emitting area on Plane 0°		0.070400 m2		Emitting area on Plane 270°		0.070400 m2	
Emitting area on Plane 90°		0.070400 m2		Glare area at 76°		0.087765 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		20-09-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		1894.00 lm	
LED Flux=2914lm LED Power=25,6W Eff=65% EfcLed=114lm/W EfcLum=61lm/W Ra=92 SDCM=2 L70(6K)=50000h							
C.I.E.	68 88 97 89 100			D DIN 5040	B51		
F UTE	0.89 C + 0.11 T			B NBN	BZ 2 / 1 / BZ 3		

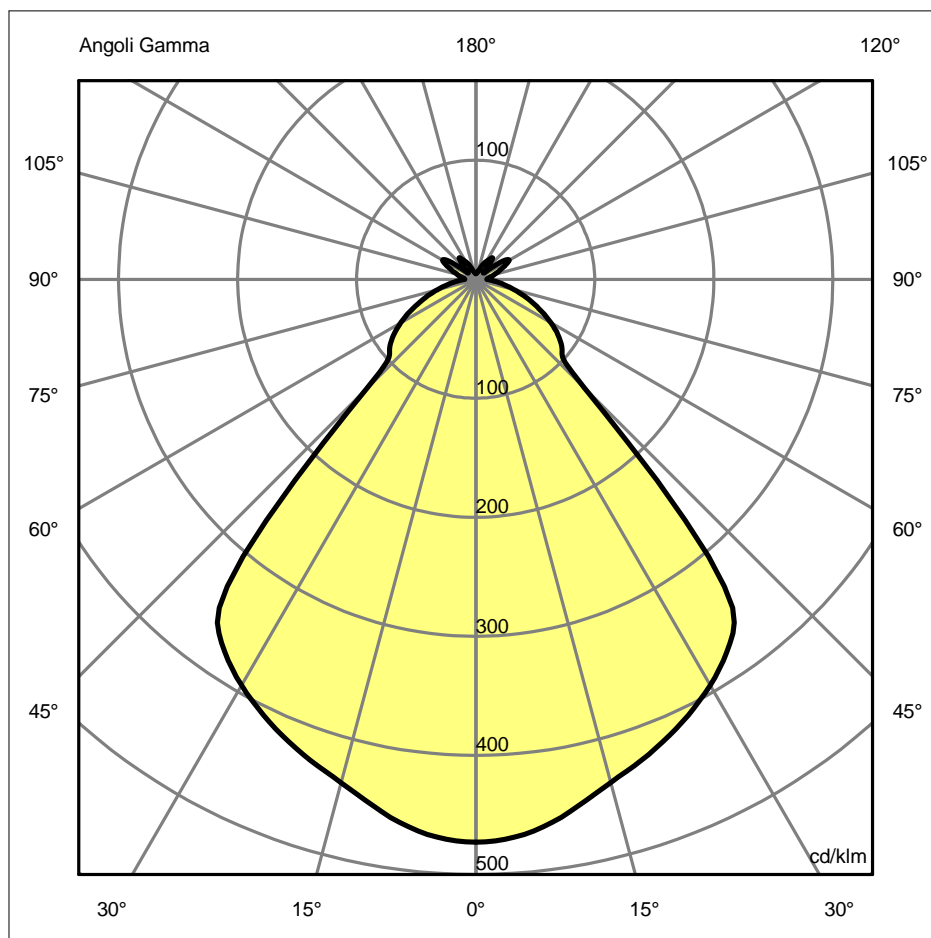
Diam=320mm



Semipiani C

180.0 ——— 0.0

ULOR 10.73 %  
 DLOR 89.27 %  
 RN 10.73 %



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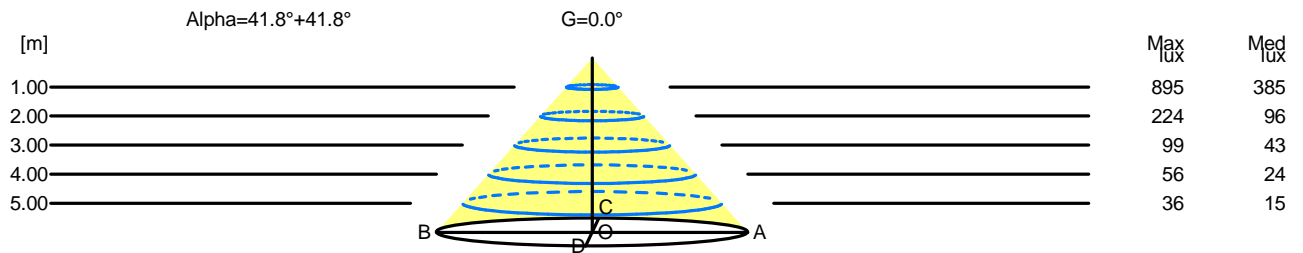
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 Name TOLOMEO MEGA LED BODY DIMM/CABLE + TOLOMEO MEGA DIFF.RASO 320

Luminaire Flux	1894.00 lm	Luminaire Power	31.00 W	Efficacy	61.10 lm/W	Efficiency	100.00%
Lamps Flux	1894.00 lm	Maximum value	472.66 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	320 mm 320 mm	Height Height	220 mm 220 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.080425 m2 0.070400 m2 0.070400 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.070400 m2 0.070400 m2 0.087765 m2	
Coordinate system Date Measurement Distance		CG 20-09-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 1894.00 lm	
LED Flux=2914lm LED Power=25,6W Eff=65% EfcLed=114lm/W EfcLum=61lm/W Ra=92 SDCM=2 L70(6K)=50000h							
C.I.E. F UTE	68 88 97 89 100 0.89 C + 0.11 T			D DIN 5040 B NBN		B51 BZ 2 / 1 / BZ 3	

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	3.57	4.47	OC	0.89	1.79	2.68	3.57	4.47
OB	0.89	1.79	2.68	3.57	4.47	OD	0.89	1.79	2.68	3.57	4.47

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	895.21	886.36	828.92	777.05	705.65	243.67	161.98	111.16	63.13	28.51
OB	895.21	886.36	828.92	777.05	705.65	243.67	161.98	111.16	63.13	28.51
OC	895.21	886.36	828.92	777.05	705.65	243.67	161.98	111.16	63.13	28.51
OD	895.21	886.36	828.92	777.05	705.65	243.67	161.98	111.16	63.13	28.51



H[m]	D[m]	Max lux	Med lux	Alpha=41.8°+41.8°	G=0.0
1.00	1.79	895	385		
2.00	3.57	224	96		
3.00	5.36	99	43		
4.00	7.15	56	24		
5.00	8.94	36	15		

**Luminaire**

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**Measurement**

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Luminaire Flux	1894.00 lm	Luminaire Power	31.00 W	Efficacy	61.10 lm/W	Efficiency	100.00%
Lamps Flux	1894.00 lm	Maximum value	472.66 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	12.9	13.9	13.4	14.3	14.7	12.9	13.9	13.4	14.3	14.7
x=2H y=3H	13.6	14.5	14.1	14.9	15.4	13.6	14.5	14.1	14.9	15.4
x=2H y=4H	13.9	14.7	14.4	15.2	15.7	13.9	14.7	14.4	15.2	15.7
x=2H y=6H	14.1	14.9	14.6	15.3	15.8	14.1	14.9	14.6	15.3	15.8
x=2H y=8H	14.2	14.9	14.7	15.4	15.9	14.2	14.9	14.7	15.4	15.9
x=2H y=12H	14.2	14.9	14.7	15.4	15.9	14.2	14.9	14.7	15.4	15.9
x=4H y=2H	13.2	14.0	13.7	14.5	15.0	13.2	14.0	13.7	14.5	15.0
x=4H y=3H	14.1	14.8	14.6	15.3	15.8	14.1	14.8	14.6	15.3	15.8
x=4H y=4H	14.5	15.1	15.0	15.6	16.2	14.5	15.1	15.0	15.6	16.2
x=4H y=6H	14.8	15.3	15.4	15.9	16.5	14.8	15.3	15.4	15.9	16.5
x=4H y=8H	14.9	15.4	15.5	15.9	16.6	14.9	15.4	15.5	15.9	16.6
x=4H y=12H	15.0	15.4	15.6	16.0	16.6	15.0	15.4	15.6	16.0	16.6
x=8H y=4H	14.6	15.1	15.2	15.7	16.3	14.6	15.1	15.2	15.7	16.3
x=8H y=6H	15.0	15.4	15.7	16.0	16.7	15.0	15.4	15.7	16.0	16.7
x=8H y=8H	15.2	15.5	15.9	16.2	16.9	15.2	15.5	15.9	16.2	16.9
x=8H y=12H	15.4	15.6	16.0	16.3	17.0	15.4	15.6	16.0	16.3	17.0
x=12H y=4H	14.6	15.0	15.2	15.6	16.3	14.6	15.0	15.2	15.6	16.3
x=12H y=6H	15.1	15.4	15.7	16.0	16.7	15.1	15.4	15.7	16.0	16.7
x=12H y=8H	15.3	15.5	15.9	16.2	16.9	15.3	15.5	15.9	16.2	16.9