

Luminaire

Code 0761010A+0781030A
 Name TOLOMEO MEGA LED BODY/DIMM + TOLOMEO MEGA DIFF.RASO 420

Measurem.

Code FTS1601757
 Name TOLOMEO MEGA LED BODY/DIMM + TOLOMEO MEGA DIFF.RASO 420

Luminaire Flux	1914.50 lm	Luminaire Power	31.00 W	Efficacy	61.76 lm/W	Efficiency	100.00%
Lamps Flux	1914.50 lm	Maximum value	455.52 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam.	420 mm	Height	290 mm		
		Diam.	420 mm	Height	290 mm		
Horizontal Luminous Area	0.138544 m2			Emitting area on Plane 180°	0.121800 m2		
Emitting area on Plane 0°	0.121800 m2			Emitting area on Plane 270°	0.121800 m2		
Emitting area on Plane 90°	0.121800 m2			Glare area at 76°	0.151699 m2		
Coordinate system	CG	Symmetry Type					Rotosymmetrical
Date	23-09-2016	Maximum Gamma Angle					180
Measurement Distance	0.00	Measurement Flux					1914.50 lm

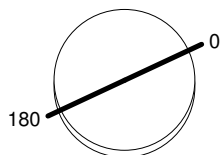
LED Flux=2914lm LED Power=25,6W Eff=65,7% EfcLed=114lm/W EfcLum=62lm/W Ra=92 SDCM=2 L70(6K)=50000h

C.I.E. 70 88 97 88 100
 F UTE 0.88 C + 0.12 T

D DIN 5040
 B NBN

B51
 BZ 2 / 1.5 / BZ 3

Diam=420mm



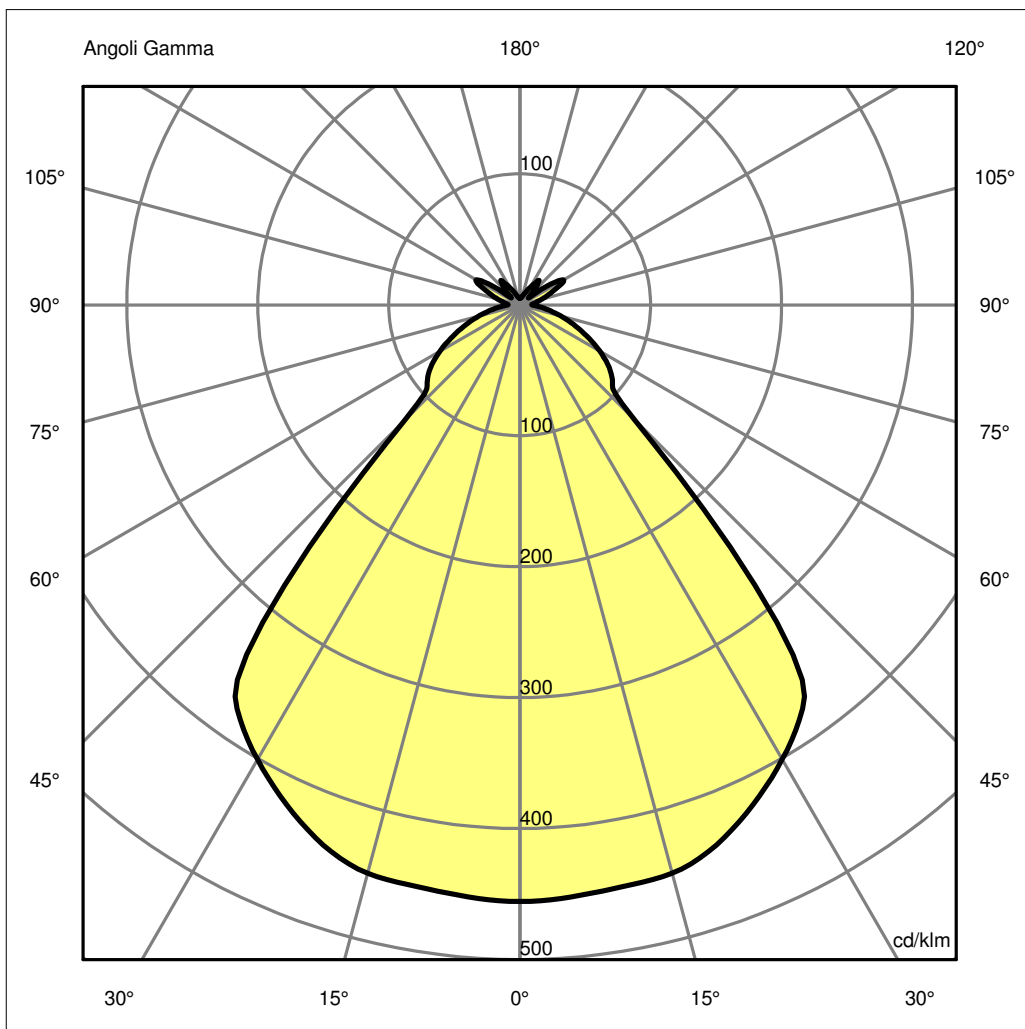
Semipiani C

180.0 ——— 0.0

ULOR 11.51 %

DLOR 88.49 %

RN 11.51 %



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Lamps Flux	1914.50 lm	Maximum value	455.52 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	420 mm 420 mm	Height Height	290 mm 290 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.138544 m2 0.121800 m2 0.121800 m2		Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°		0.121800 m2 0.121800 m2 0.151699 m2	
Coordinate system Date Measurement Distance		CG 23-09-2016 0.00		Symmetry Type Maximum Gamma Angle Measurement Flux		Rotosymmetrical 180 1914.50 lm	

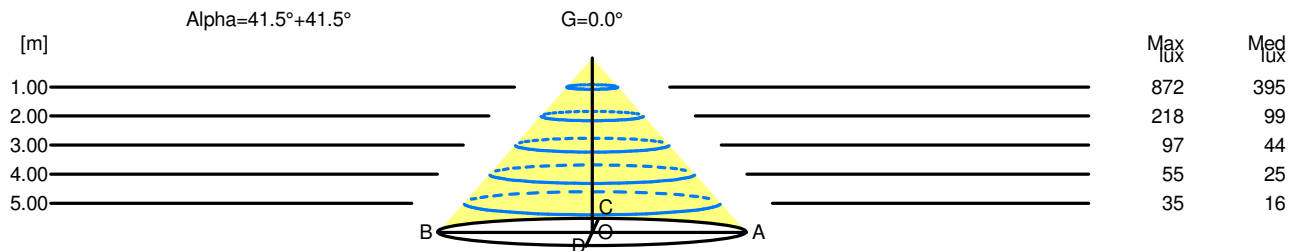
LED Flux=2914lm LED Power=25,6W Eff=65,7% EfcLed=114lm/W EfcLum=62lm/W Ra=92 SDCM=2 L70(6K)=50000h

C.I.E.	70 88 97 88 100	D DIN 5040	B51
F UTE	0.88 C + 0.12 T	B NBN	BZ 2 / 1.5 / 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	0.88	1.77	2.65	3.54	4.42	OC	0.88	1.77	2.65	3.54	4.42
OB	0.88	1.77	2.65	3.54	4.42	OD	0.88	1.77	2.65	3.54	4.42

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	872.09	868.75	860.20	806.48	720.74	236.12	159.37	107.89	61.15	27.27
OB	872.09	868.75	860.20	806.48	720.74	236.12	159.37	107.89	61.15	27.27
OC	872.09	868.75	860.20	806.48	720.74	236.12	159.37	107.89	61.15	27.27
OD	872.09	868.75	860.20	806.48	720.74	236.12	159.37	107.89	61.15	27.27



H[m]	D[m]	Max lux	Med lux	Alpha=41.5°+41.5°	G=0.0
1.00	1.77	872	395		
2.00	3.54	218	99		
3.00	5.31	97	44		
4.00	7.08	55	25		
5.00	8.85	35	16		

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Lamps Flux	1914.50 lm	Maximum value	455.52 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	10.8	11.8	11.3	12.2	12.6	10.8	11.8	11.3	12.2	12.6
x=2H y=3H	11.5	12.4	12.0	12.8	13.3	11.5	12.4	12.0	12.8	13.3
x=2H y=4H	11.8	12.6	12.3	13.1	13.6	11.8	12.6	12.3	13.1	13.6
x=2H y=6H	12.0	12.7	12.5	13.2	13.7	12.0	12.7	12.5	13.2	13.7
x=2H y=8H	12.1	12.8	12.6	13.2	13.8	12.1	12.8	12.6	13.2	13.8
x=2H y=12H	12.1	12.8	12.6	13.3	13.8	12.1	12.8	12.6	13.3	13.8
x=4H y=2H	11.1	11.9	11.6	12.4	12.9	11.1	11.9	11.6	12.4	12.9
x=4H y=3H	12.0	12.7	12.5	13.2	13.7	12.0	12.7	12.5	13.2	13.7
x=4H y=4H	12.4	13.0	12.9	13.5	14.1	12.4	13.0	12.9	13.5	14.1
x=4H y=6H	12.7	13.2	13.2	13.7	14.4	12.7	13.2	13.2	13.7	14.4
x=4H y=8H	12.8	13.2	13.4	13.8	14.4	12.8	13.2	13.4	13.8	14.4
x=4H y=12H	12.9	13.3	13.5	13.9	14.5	12.9	13.3	13.5	13.9	14.5
x=8H y=4H	12.5	13.0	13.1	13.5	14.2	12.5	13.0	13.1	13.5	14.2
x=8H y=6H	12.9	13.3	13.5	13.9	14.6	12.9	13.3	13.5	13.9	14.6
x=8H y=8H	13.1	13.4	13.7	14.0	14.7	13.1	13.4	13.7	14.0	14.7
x=8H y=12H	13.2	13.5	13.9	14.1	14.8	13.2	13.5	13.9	14.1	14.8
x=12H y=4H	12.5	12.9	13.1	13.5	14.2	12.5	12.9	13.1	13.5	14.2
x=12H y=6H	12.9	13.2	13.5	13.9	14.6	12.9	13.2	13.5	13.9	14.6
x=12H y=8H	13.1	13.4	13.8	14.0	14.7	13.1	13.4	13.8	14.0	14.7