

## Luminaire

Code AK001005  
Name MOUETTE LED SYMMETRICAL L=1350mm 830 DM - USA

## Measurem.

Code FTS1700467  
Name MOUETTE LED SYMMETRICAL L=1350mm 830 DM - USA

Luminaire Flux	5395.30 lm	Luminaire Power	56.00 W	Efficacy	96.34 lm/W	Efficiency	100.00%
Lamps Flux	5395.30 lm	Maximum value	263.57 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Rectangular Luminaire		Length	1350 mm	Width	400 mm	Height	206 mm
Rectangular Luminous Area		Length	1350 mm	Width	400 mm	Height	206 mm
Horizontal Luminous Area		0.540000 m2		Emitting area on Plane 180°		0.278100 m2	
Emitting area on Plane 0°		0.278100 m2		Emitting area on Plane 270°		0.082400 m2	
Emitting area on Plane 90°		0.082400 m2		Glare area at 76°		0.400477 m2	
Coordinate system		CG		Symmetry Type		Rotosymmetrical	
Date		18-04-2017		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5395.30 lm	

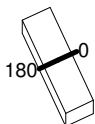
LED Flux=6773,76lm LED Power=50W Eff=80% EfcLed=135lm/W EfcLum=96lm/W Ra=80 SDCM=3 L90(6K)=50000h

C.I.E. 44 75 92 80 100  
F UTE 0.80 E + 0.20 T

D DIN 5040  
B NBN

B31  
BZ 5

1350mm x 400mm



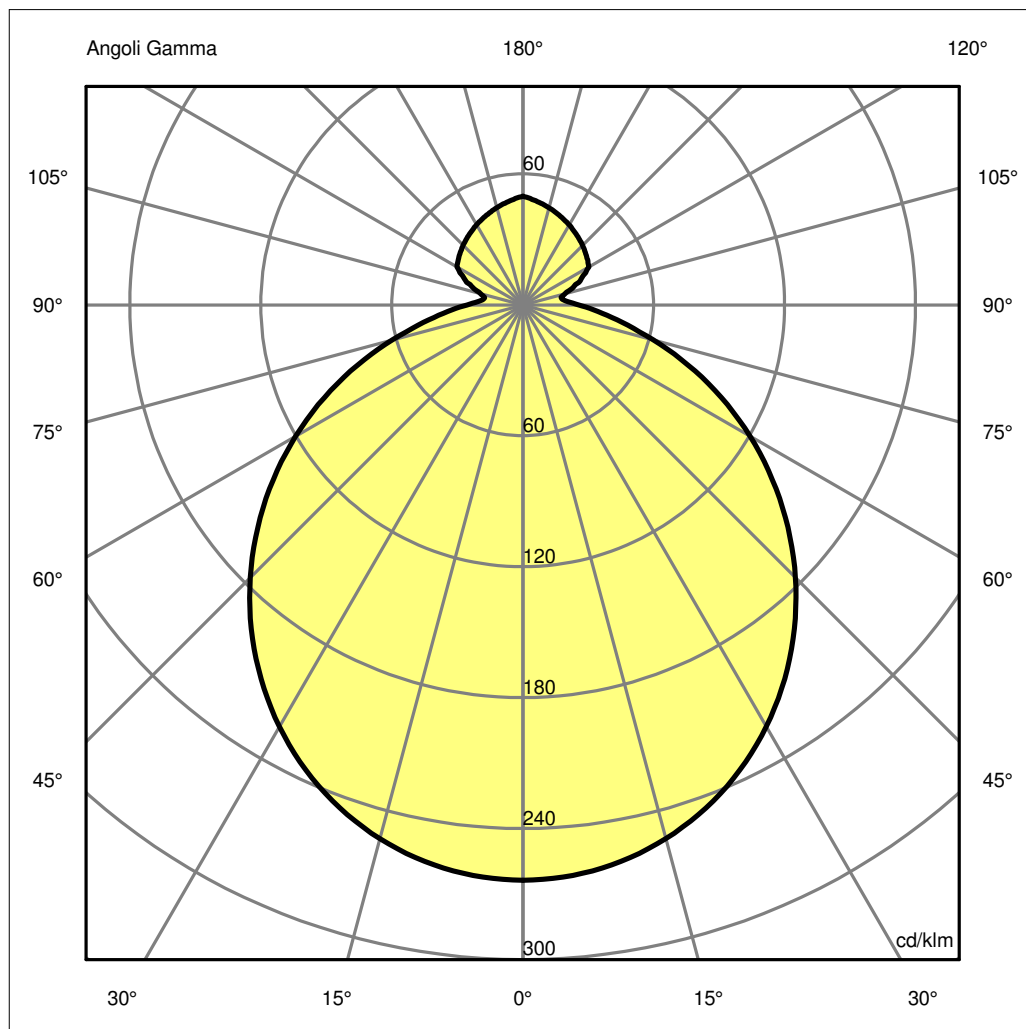
Semipiani C

180.0 ——— 0.0

ULOR 20.00 %

DLOR 80.00 %

RN 20.00 %



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**Measur.**

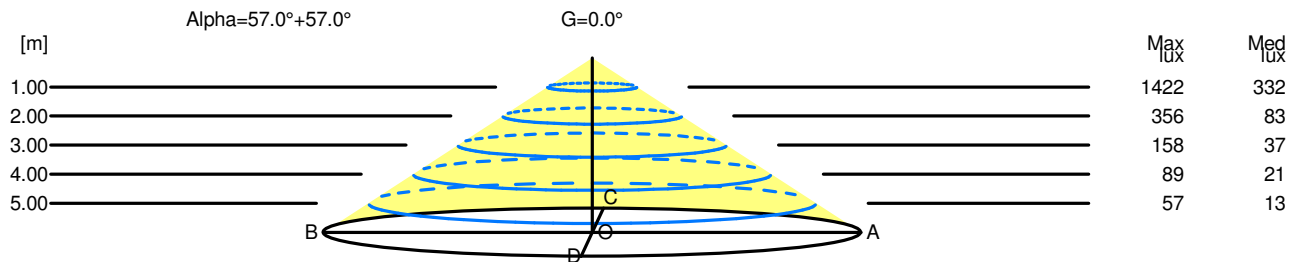
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Emitting area on Plane 0°	0.278100 m2	Glare area at 76°					
Emitting area on Plane 90°	0.082400 m2						
Coordinate system	CG	Symmetry Type		Maximum Gamma Angle		Measurement Flux	
Date	18-04-2017	Measurement Flux					
Measurement Distance	0.00						
LED Flux=6773,76lm LED Power=50W Eff=80% EfcLed=135lm/W EfcLum=96lm/W Ra=80 SDCM=3 L90(6K)=50000h							
C.I.E.	44 75 92 80 100	D DIN 5040		B31			
F UTE	0.80 E + 0.20 T	B NBN		BZ 5			

**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	1.54	3.08	4.62	6.17	7.71	OC	1.54	3.08	4.62	6.17	7.71
OB	1.54	3.08	4.62	6.17	7.71	OD	1.54	3.08	4.62	6.17	7.71

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1422.05	1415.64	1365.77	1269.02	1128.43	953.09	753.22	541.39	332.73	186.41
OB	1422.05	1415.64	1365.77	1269.02	1128.43	953.09	753.22	541.39	332.73	186.41
OC	1422.05	1415.64	1365.77	1269.02	1128.43	953.09	753.22	541.39	332.73	186.41
OD	1422.05	1415.64	1365.77	1269.02	1128.43	953.09	753.22	541.39	332.73	186.41



H[m]	D[m]	Max lux	Med lux	Alpha=57.0°+57.0°	G=0.0
1.00	3.08	1422	332		
2.00	6.17	356	83		
3.00	9.25	158	37		
4.00	12.33	89	21		
5.00	15.42	57	13		

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**Measurement**

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Lamps Flux	5395.30 lm	Maximum value	263.57 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	12.3	13.4	12.8	13.9	15.3	13.0	14.1	13.6	14.7	15.3
x=2H y=3H	13.7	14.7	14.2	15.2	16.8	14.6	15.6	15.2	16.2	16.8
x=2H y=4H	14.2	15.2	14.8	15.8	17.5	15.3	16.2	15.9	16.8	17.5
x=2H y=6H	14.7	15.5	15.3	16.2	18.1	15.9	16.8	16.5	17.4	18.1
x=2H y=8H	14.8	15.7	15.5	16.3	18.4	16.2	17.0	16.8	17.6	18.4
x=2H y=12H	15.0	15.8	15.6	16.4	18.6	16.4	17.2	17.1	17.9	18.6
x=4H y=2H	12.9	13.9	13.6	14.5	15.7	13.5	14.4	14.1	15.0	15.7
x=4H y=3H	14.5	15.3	15.1	15.9	17.4	15.3	16.1	15.9	16.7	17.4
x=4H y=4H	15.1	15.9	15.8	16.5	18.2	16.1	16.8	16.7	17.4	18.2
x=4H y=6H	15.7	16.3	16.4	17.0	18.9	16.8	17.4	17.5	18.1	18.9
x=4H y=8H	15.9	16.5	16.7	17.2	19.2	17.1	17.7	17.8	18.4	19.2
x=4H y=12H	16.2	16.7	16.9	17.4	19.5	17.5	18.0	18.2	18.7	19.5
x=8H y=4H	15.4	16.0	16.2	16.7	18.3	16.2	16.8	17.0	17.5	18.3
x=8H y=6H	16.1	16.6	16.9	17.3	19.2	17.1	17.6	17.8	18.3	19.2
x=8H y=8H	16.5	16.9	17.2	17.6	19.6	17.5	18.0	18.3	18.7	19.6
x=8H y=12H	16.8	17.2	17.6	17.9	20.0	18.0	18.4	18.8	19.1	20.0
x=12H y=4H	15.5	16.0	16.2	16.7	18.3	16.3	16.8	17.0	17.5	18.3
x=12H y=6H	16.2	16.6	17.0	17.4	19.2	17.1	17.6	17.9	18.3	19.2
x=12H y=8H	16.6	17.0	17.4	17.7	19.7	17.6	18.0	18.4	18.8	19.7