

Luminaire

Code AK003005
 Name MOUETTE LED SYMMETRICAL L=2500mm 830 DM - USA

Measurem.

Code FTS1700471
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Luminaire Flux	10790.60 lm	Luminaire Power	112.00 W	Efficacy	96.34 lm/W	Efficiency	100.00%
Lamps Flux	10790.60 lm	Maximum value	263.57 cd/klm	Position	C=0.00 G=0.00	CG	Rotosymmetrical
Rectangular Luminaire		Length	2500 mm	Width	400 mm	Height	293 mm
Rectangular Luminous Area		Length	2500 mm	Width	400 mm	Height	293 mm
Horizontal Luminous Area	1.000000 m2			Emitting area on Plane 180°	0.732500 m2		
Emitting area on Plane 0°	0.732500 m2			Emitting area on Plane 270°	0.117200 m2		
Emitting area on Plane 90°	0.117200 m2			Glare area at 76°	0.952664 m2		
Coordinate system	CG			Symmetry Type	Rotosymmetrical		
Date	18-04-2017			Maximum Gamma Angle	180		
Measurement Distance	0.00			Measurement Flux	10790.60 lm		

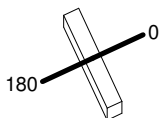
LED Flux=13547,52lm LED Power=100W Eff=80% EfcLed=135lm/W EfcLum=96lm/W Ra=80 SDCM=3 L90(6K)=50000h

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

D DIN 5040
 B NBN

B31
 BZ 5

2500mm x 400mm



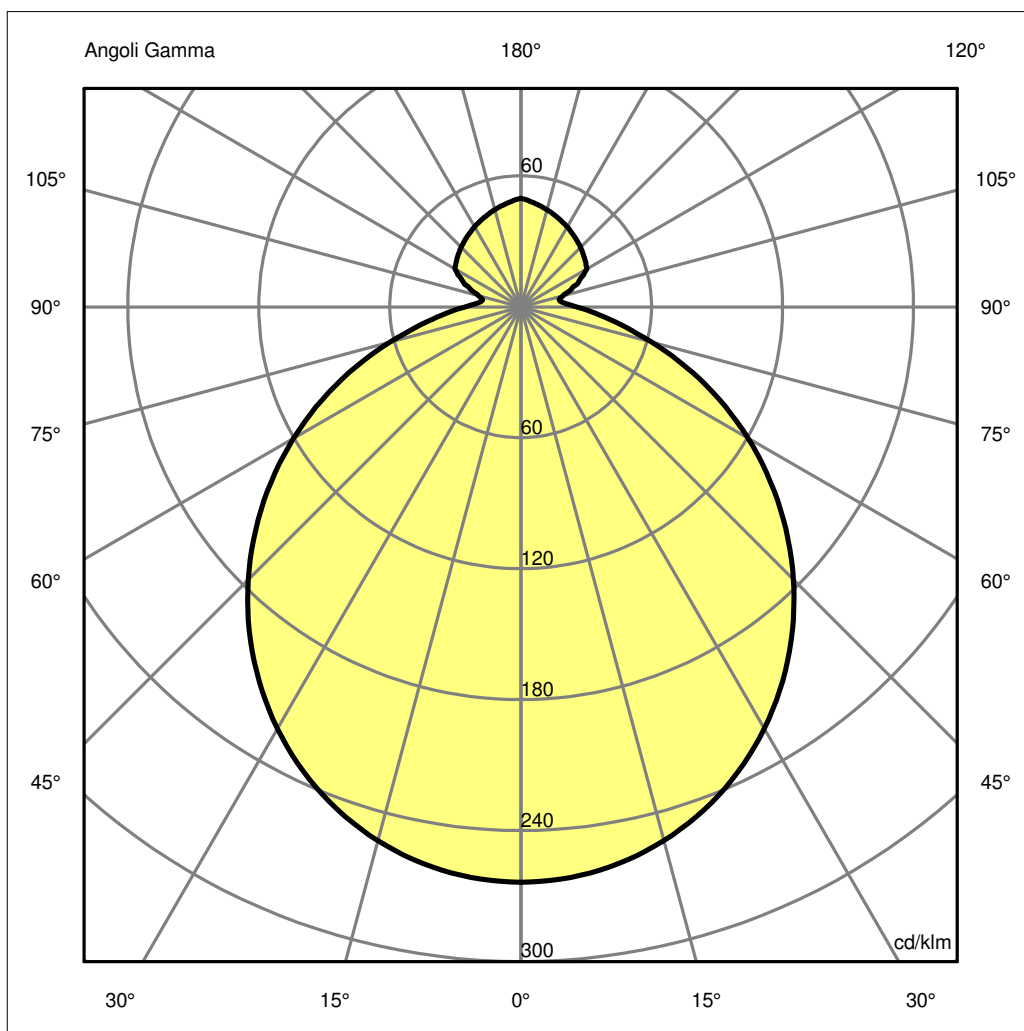
Semipiani C

180.0 ——— 0.0

ULOR 20.00 %

DLOR 80.00 %

RN 20.00 %



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Measur.

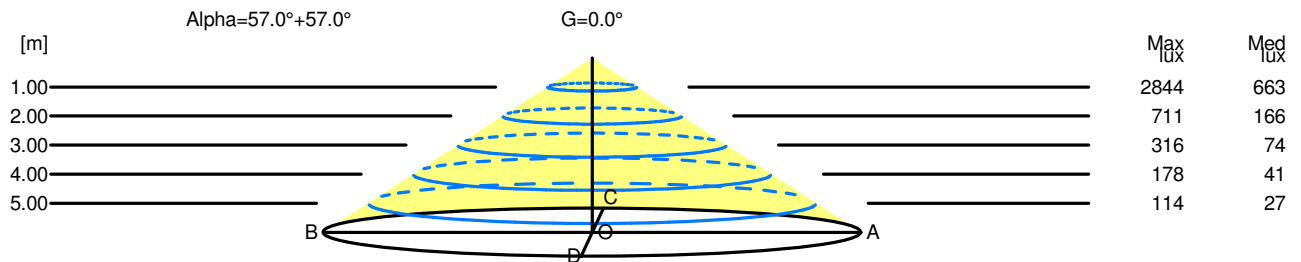
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C.I.E.	44 75 92 80 100			D DIN 5040	B31		
F UTE	0.80 E + 0.20 T			B NBN	BZ 5		

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	2844.10	2831.27	2731.54	2538.04	2256.85	1906.17	1506.43	1082.78	665.45	372.82
OB	2844.10	2831.27	2731.54	2538.04	2256.85	1906.17	1506.43	1082.78	665.45	372.82
OC	2844.10	2831.27	2731.54	2538.04	2256.85	1906.17	1506.43	1082.78	665.45	372.82
OD	2844.10	2831.27	2731.54	2538.04	2256.85	1906.17	1506.43	1082.78	665.45	372.82



H[m]	D[m]	Max lux	Med lux	Alpha=57.0°+57.0°	G=0.0
1.00	3.08	2844	663		
2.00	6.17	711	166		
3.00	9.25	316	74		
4.00	12.33	178	41		
5.00	15.42	114	27		

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Lamps Flux	10790.60 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	12.1	13.2	12.6	13.7	15.5	13.2	14.3	13.7	14.8	15.5
x=2H y=3H	13.4	14.4	13.9	14.9	17.0	14.8	15.8	15.4	16.4	17.0
x=2H y=4H	13.9	14.8	14.5	15.4	17.8	15.5	16.5	16.1	17.1	17.8
x=2H y=6H	14.3	15.1	14.9	15.8	18.4	16.2	17.0	16.8	17.7	18.4
x=2H y=8H	14.4	15.3	15.1	15.9	18.6	16.4	17.3	17.1	17.9	18.6
x=2H y=12H	14.6	15.4	15.2	16.0	18.9	16.7	17.6	17.4	18.2	18.9
x=4H y=2H	12.7	13.7	13.4	14.3	15.8	13.6	14.5	14.2	15.2	15.8
x=4H y=3H	14.2	15.0	14.9	15.6	17.6	15.4	16.2	16.0	16.8	17.6
x=4H y=4H	14.8	15.5	15.5	16.2	18.3	16.2	16.9	16.9	17.6	18.3
x=4H y=6H	15.3	16.0	16.0	16.6	19.1	17.0	17.6	17.6	18.3	19.1
x=4H y=8H	15.6	16.1	16.3	16.8	19.4	17.3	17.9	18.0	18.6	19.4
x=4H y=12H	15.7	16.3	16.5	17.0	19.8	17.7	18.2	18.4	18.9	19.8
x=8H y=4H	15.1	15.7	15.8	16.4	18.5	16.4	16.9	17.1	17.6	18.5
x=8H y=6H	15.8	16.3	16.5	17.0	19.3	17.2	17.7	18.0	18.4	19.3
x=8H y=8H	16.1	16.5	16.8	17.2	19.7	17.7	18.1	18.4	18.9	19.7
x=8H y=12H	16.4	16.7	17.1	17.5	20.2	18.2	18.5	18.9	19.3	20.2
x=12H y=4H	15.2	15.7	15.9	16.4	18.4	16.4	16.9	17.1	17.6	18.4
x=12H y=6H	15.9	16.3	16.6	17.0	19.3	17.3	17.7	18.0	18.4	19.3
x=12H y=8H	16.2	16.6	17.0	17.3	19.8	17.8	18.1	18.5	18.9	19.8