

## Luminaire

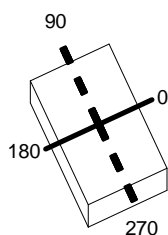
Code 0916010A  
Name MESMERI ALO W BCO

## Measurerm.

Code FTS0002529  
Name MESMERI ALO W BCO

Luminaire Flux	3859.38 lm	Luminaire Power	230.00 W	Efficacy	16.78 lm/W	Efficiency	76.27%
Lamps Flux	5060.00 lm	Maximum value	207.68 cd/klm	Position	C=15.00 G=170.00	CG	Sym. on planes 0-180
Rectangular Luminaire		Length	339 mm	Width	215 mm	Height	82 mm
Rectangular Luminous Area		Length	140 mm	Width	39 mm	Height	0 mm
Horizontal Luminous Area		0.005460 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.001321 m2	
Coordinate system		CG		Symmetry Type		Sym. on planes 0-180	
Date		24-07-2005		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5060.00 lm	
64701 ECO							
C.I.E.	26 61 81 15 76			D DIN 5040		D13	
F UTE	0.12 I + 0.65 T			B NBN		BZ 8 / 0.8 / BZ 7	

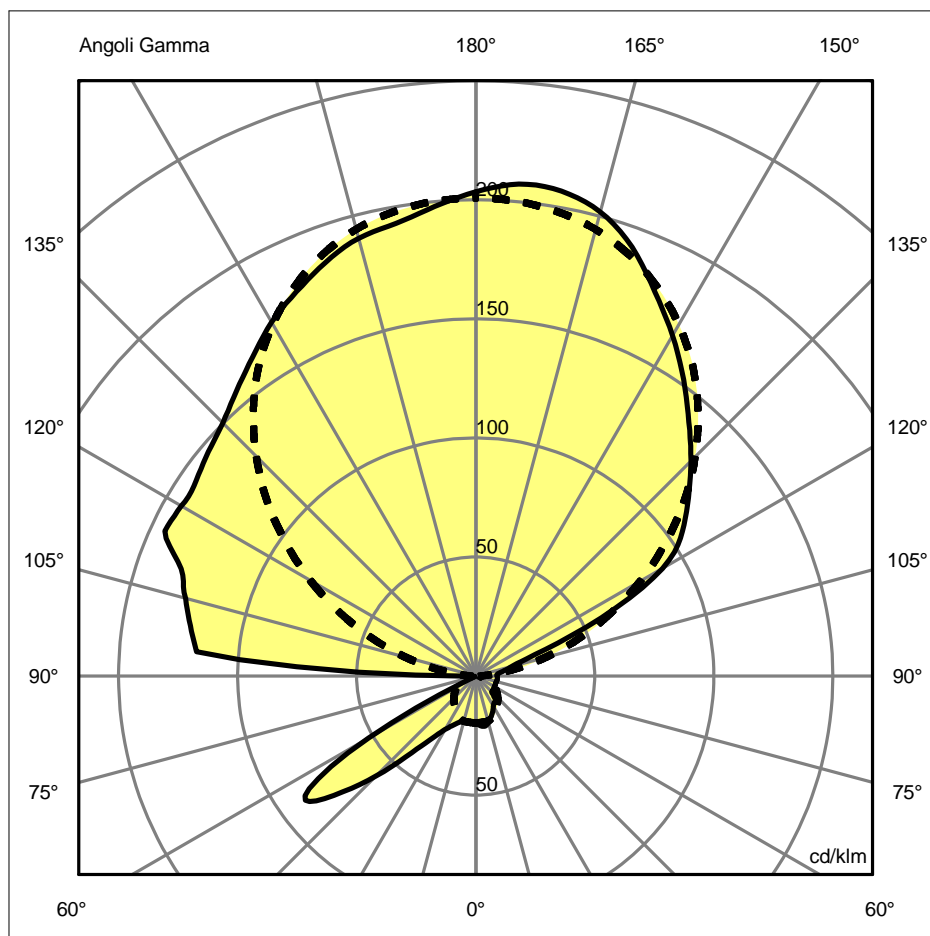
339mm x 215mm



Semipiani C

180.0 ——— 0.0  
270.0 - - - - - 90.0

ULOR 64.55 %  
DLOR 11.72 %  
RN 84.63 %



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**Measurement**

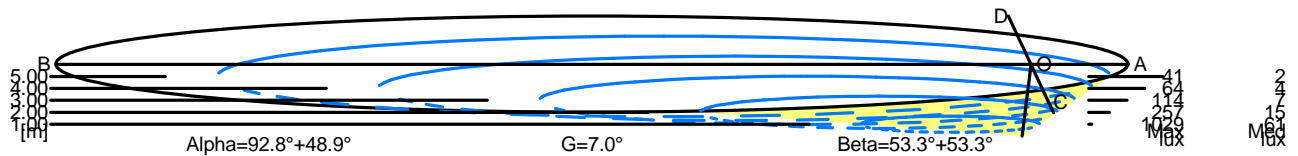
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64701 ECO							
C.I.E.	26 61 81 15 76			D DIN 5040	D13		
F UTE	0.12 I + 0.65 T			B NBN	BZ 8 / 0.8 / BZ 7		

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	1.36	2.71	4.07	5.42	6.78	OC	1.35	2.70	4.05	5.40	6.75
OB	13.59	27.18	40.76	54.35	67.94	OD	1.35	2.70	4.05	5.40	6.75

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1029.45	1049.70	1021.60	901.00	769.75	646.40	536.20	294.35	78.90	45.10
OB	1029.45	1001.80	963.30	901.60	827.60	760.85	725.50	729.55	638.30	595.55
OC	1016.05	1012.45	982.78	912.48	803.98	659.67	492.28	317.88	154.10	29.57
OD	1016.05	1012.45	982.78	912.48	803.98	659.67	492.28	317.88	154.10	29.57



5.00	74.72	41	2	
4.00	59.77	64	4	
3.00	44.83	114	7	
2.00	29.89	257	15	
1.00	14.94	1029	61	
H[m]	D[m]	Max lux	Med lux	Alpha=92.8°+48.9°      G=7.0

5.00	13.50	41	2	
4.00	10.80	64	4	
3.00	8.10	114	7	
2.00	5.40	257	15	
1.00	2.70	1029	61	
H[m]	D[m]	Max lux	Med lux	Beta=53.3°+53.3°      G=0.0

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**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	24.6	25.3	25.8	26.4	18.9	15.4	16.0	16.6	17.2	18.9
x=2H y=3H	24.3	24.9	25.5	26.0	20.8	17.3	17.9	18.5	19.1	20.8
x=2H y=4H	24.1	24.6	25.3	25.8	21.5	18.2	18.7	19.4	19.9	21.5
x=2H y=6H	24.0	24.4	25.2	25.6	22.5	19.1	19.6	20.3	20.8	22.5
x=2H y=8H	23.9	24.3	25.1	25.5	22.8	19.5	19.9	20.7	21.1	22.8
x=2H y=12H	23.8	24.2	25.0	25.4	22.9	19.6	20.0	20.8	21.2	22.9
x=4H y=2H	25.2	25.7	26.4	26.9	23.1	19.7	20.2	20.9	21.4	23.1
x=4H y=3H	24.9	25.3	26.1	26.5	25.1	21.8	22.2	23.0	23.4	25.1
x=4H y=4H	24.8	25.2	26.0	26.4	26.0	22.7	23.1	24.0	24.3	26.0
x=4H y=6H	24.7	25.1	26.0	26.3	26.9	23.6	23.9	24.8	25.1	26.9
x=4H y=8H	24.7	25.0	25.9	26.2	27.2	24.0	24.3	25.2	25.5	27.2
x=4H y=12H	24.6	24.9	25.8	26.1	27.4	24.1	24.4	25.4	25.6	27.4
x=8H y=4H	25.4	25.7	26.6	26.9	26.4	23.1	23.4	24.4	24.7	26.4
x=8H y=6H	27.0	27.3	28.3	28.5	27.7	24.5	24.7	25.7	26.0	27.7
x=8H y=8H	27.5	27.8	28.8	29.0	28.4	25.2	25.4	26.4	26.6	28.4
x=8H y=12H	27.6	27.8	28.8	29.0	28.9	25.8	25.9	27.0	27.2	28.9
x=12H y=4H	25.5	25.8	26.8	27.0	26.9	23.6	23.9	24.9	25.1	26.9
x=12H y=6H	28.2	28.5	29.5	29.7	29.0	25.8	26.0	27.1	27.3	29.0
x=12H y=8H	29.7	29.9	30.9	31.1	30.0	26.9	27.1	28.1	28.3	30.0