

Luminaire

Code M3100W51
Name Eggboard matrix 1600x800 diretta 3000K verde

Measur.

Code FTS1601236
Name Eggboard matrix 1600x800 diretta 3000K verde

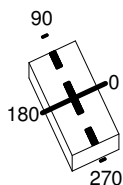
Luminaire Flux	2626.00 lm	Luminaire Power	31.00 W	Efficacy	84.71 lm/W	Efficiency	100.00%
Lamps Flux	2626.00 lm	Maximum value	1037.12 cd/klm	Position	C=45.00 G=19.00	CG	Double Symmetrical
Rectangular Luminaire		Length	540 mm	Width	270 mm	Height	56 mm
Rectangular Luminous Area		Length	540 mm	Width	270 mm	Height	0 mm
Horizontal Luminous Area		0.145800 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°		0.035272 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		29-09-2015		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2626.00 lm	

LED Flux=3700lm LED Power=27W Eff=71% EfcLed=137lm/W EfcLum=85lm/W Ra=80 SDCM=3 L70(6K)=60000 - L70

C.I.E. 94 100 100 100 100
F UTE 1.00 A

D DIN 5040
B NBN
A60
BZ 1

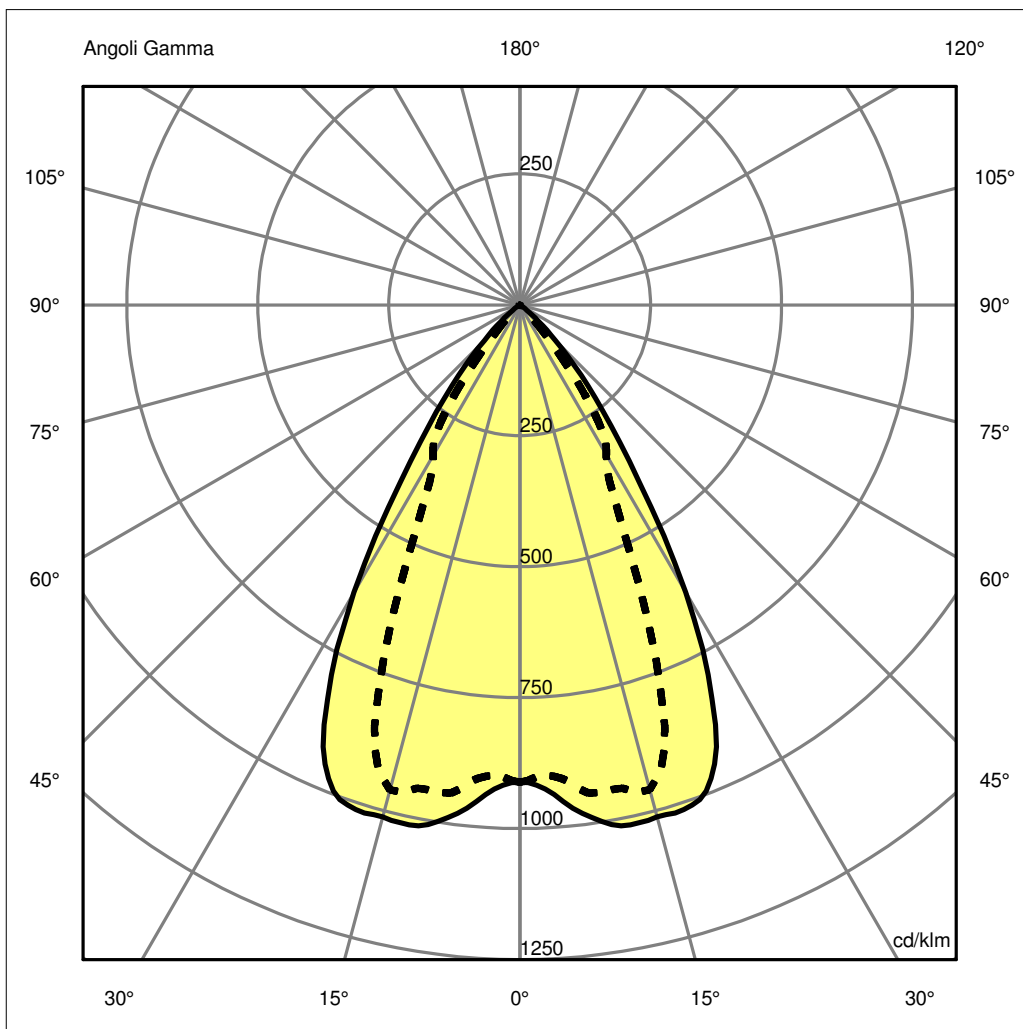
540mm x 270mm



Semipiani C

180.0 ——— 0.0
270.0 - - - - - 90.0

ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.035272 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		29-09-2015		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2626.00 lm	

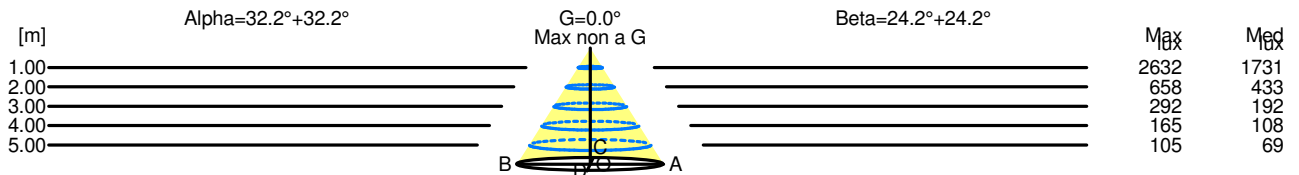
LED Flux=3700lm LED Power=27W Eff=71% EfcLed=137lm/W EfcLum=85lm/W Ra=80 SDCM=3 L70(6K)=60000 - L70

C.I.E.	94	100	100	100	100	D DIN 5040	A60
F UTE	1.00	A				B NBN	BZ 1

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	0.63	1.26	1.89	2.52	3.15	OC	0.45	0.90	1.35	1.79	2.24
OB	0.63	1.26	1.89	2.52	3.15	OD	0.45	0.90	1.35	1.79	2.24

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2393.04	2499.41	2657.29	2321.44	956.58	252.07	30.61	3.61	1.25	0.64
OB	2393.04	2499.41	2657.29	2321.44	956.58	252.07	30.61	3.61	1.25	0.64
OC	2393.04	2382.99	2516.95	1200.36	629.94	69.25	9.51	2.06	1.19	0.70
OD	2393.04	2382.99	2516.95	1200.36	629.94	69.25	9.51	2.06	1.19	0.70



H[m]	D[m]	Max lux	Med lux	Alpha=32.2°+32.2°	G=0.0 Max non a G
1.00	1.26	2632	1731		
2.00	2.52	658	433		
3.00	3.78	292	192		
4.00	5.04	165	108		
5.00	6.30	105	69		

H[m]	D[m]	Max lux	Med lux	Beta=24.2°+24.2°	G=0.0 Max non a G
1.00	0.90	2632	1731		
2.00	1.79	658	433		
3.00	2.69	292	192		
4.00	3.59	165	108		
5.00	4.49	105	69		

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Lamps Flux	2626.00 lm	Maximum value	1037.12 cd/klm	Position	C=45.00 G=19.00	CG	Double Symmetrical

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	11.8	12.5	12.1	12.7	8.6	7.5	8.2	7.8	8.4	8.6
x=2H y=3H	11.7	12.3	12.0	12.6	8.5	7.4	8.0	7.7	8.2	8.5
x=2H y=4H	11.6	12.2	11.9	12.5	8.4	7.3	7.9	7.6	8.1	8.4
x=2H y=6H	11.6	12.1	11.9	12.4	8.4	7.2	7.8	7.6	8.1	8.4
x=2H y=8H	11.5	12.0	11.9	12.3	8.3	7.2	7.7	7.5	8.0	8.3
x=2H y=12H	11.5	12.0	11.8	12.3	8.3	7.2	7.6	7.5	8.0	8.3
x=4H y=2H	11.6	12.2	11.9	12.5	8.5	7.4	8.0	7.7	8.2	8.5
x=4H y=3H	11.5	12.0	11.8	12.3	8.4	7.3	7.7	7.6	8.0	8.4
x=4H y=4H	11.4	11.9	11.8	12.2	8.3	7.2	7.6	7.6	7.9	8.3
x=4H y=6H	11.4	11.7	11.8	12.1	8.2	7.1	7.5	7.5	7.8	8.2
x=4H y=8H	11.3	11.6	11.7	12.0	8.2	7.1	7.4	7.5	7.8	8.2
x=4H y=12H	11.3	11.5	11.7	12.0	8.1	7.0	7.3	7.5	7.7	8.1
x=8H y=4H	11.3	11.6	11.7	12.0	8.2	7.1	7.4	7.5	7.8	8.2
x=8H y=6H	11.2	11.5	11.7	11.9	8.1	7.0	7.2	7.4	7.7	8.1
x=8H y=8H	11.2	11.4	11.6	11.8	8.1	7.0	7.1	7.4	7.6	8.1
x=8H y=12H	11.1	11.3	11.6	11.8	8.0	6.9	7.1	7.4	7.5	8.0
x=12H y=4H	11.3	11.5	11.7	11.9	8.1	7.0	7.3	7.5	7.7	8.1
x=12H y=6H	11.2	11.4	11.6	11.8	8.1	7.0	7.1	7.4	7.6	8.1
x=12H y=8H	11.1	11.3	11.6	11.8	8.0	6.9	7.1	7.4	7.5	8.0