

Luminaire

Code M3101W21
Name Eggboard matrix 1600x800 DIRETTA + INDIRECTA 3000K bianco

Measurem.

Code FTS1601240
Name Eggboard matrix 1600x800 DIRETTA + INDIRECTA 3000K bianco

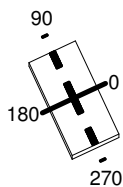
Luminaire Flux	6655.80 lm	Luminaire Power	75.00 W	Efficacy	88.74 lm/W	Efficiency	100.00%
Lamps Flux	6655.80 lm	Maximum value	409.19 cd/klm	Position	C=45.00 G=19.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1600 mm	Width	800 mm	Height	56 mm
Rectangular Luminous Area		Length	540 mm	Width	270 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	6655.80 lm		

LED Flux=8959,2lm LED Power=64,6W Eff=74% EfcLed=139lm/W EfcLum=89lm/W Ra=80 SDCM=3 L70(6K)=60000 - L70

C.I.E. 94 100 100 39 100
F UTE 0.39 A + 0.61 T

D DIN 5040 D62
B NBN BZ 1

1600mm x 800mm



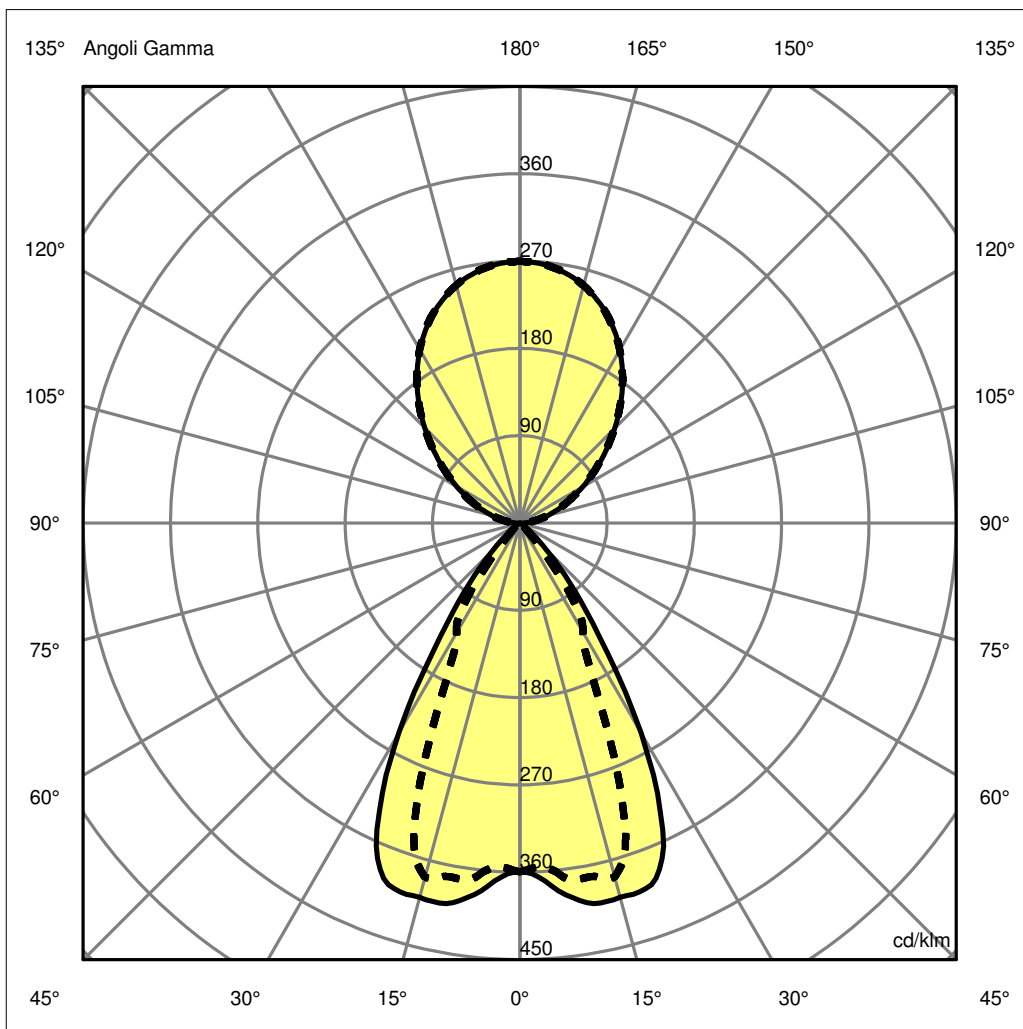
Semipiani C

180.0 ——— 0.0
270.0 - - - - 90.0

ULOR 60.53 %

DLOR 39.47 %

RN 60.53 %



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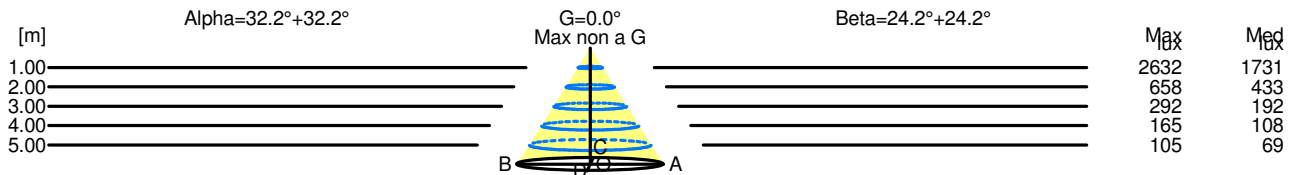
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Rectangular Luminous Area		Length	540 mm	Width	270 mm	Height	0 mm
Horizontal Luminous Area		0.145800 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 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		6655.80 lm	
LED Flux=8959,2lm LED Power=64,6W Eff=74% EfcLed=139lm/W EfcLum=89lm/W Ra=80 SDCM=3 L70(6K)=60000 - L70							
C.I.E.	94 100 100 39 100			D DIN 5040	D62		
F UTE	0.39 A + 0.61 T			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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Luminaire Flux	6655.80 lm	Luminaire Power	75.00 W	Efficacy	88.74 lm/W	Efficiency	100.00%
Lamps Flux	6655.80 lm	Maximum value	409.19 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	7.3	7.9	8.3	8.8	5.7	3.0	3.6	4.0	4.5	5.7
x=2H y=3H	7.0	7.5	8.0	8.5	5.4	2.7	3.2	3.7	4.2	5.4
x=2H y=4H	6.9	7.4	7.9	8.3	5.3	2.5	3.0	3.6	4.0	5.3
x=2H y=6H	6.7	7.2	7.8	8.2	5.1	2.4	2.8	3.4	3.8	5.1
x=2H y=8H	6.6	7.1	7.7	8.1	5.1	2.3	2.7	3.3	3.7	5.1
x=2H y=12H	6.6	7.0	7.6	8.0	5.0	2.2	2.6	3.3	3.6	5.0
x=4H y=2H	6.9	7.4	7.9	8.3	5.4	2.6	3.1	3.7	4.1	5.4
x=4H y=3H	6.6	7.0	7.6	8.0	5.1	2.3	2.7	3.4	3.7	5.1
x=4H y=4H	6.4	6.8	7.5	7.8	4.9	2.2	2.5	3.2	3.5	4.9
x=4H y=6H	6.2	6.5	7.3	7.6	4.7	2.0	2.3	3.1	3.4	4.7
x=4H y=8H	6.2	6.4	7.3	7.5	4.7	1.9	2.2	3.0	3.3	4.7
x=4H y=12H	6.1	6.3	7.2	7.4	4.6	1.9	2.1	2.9	3.2	4.6
x=8H y=4H	6.2	6.4	7.3	7.5	4.7	1.9	2.2	3.0	3.2	4.7
x=8H y=6H	6.0	6.2	7.1	7.3	4.5	1.8	2.0	2.9	3.0	4.5
x=8H y=8H	5.9	6.1	7.0	7.2	4.4	1.7	1.9	2.8	2.9	4.4
x=8H y=12H	5.8	6.0	6.9	7.1	4.3	1.6	1.7	2.7	2.8	4.3
x=12H y=4H	6.1	6.3	7.2	7.4	4.6	1.8	2.1	2.9	3.1	4.6
x=12H y=6H	5.9	6.1	7.0	7.2	4.4	1.7	1.9	2.8	2.9	4.4
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