Luminaire
Code M3102W21
Name Eggboard matrix 800x800 diretta 3000K bianco
Measurem.
Code FTS1601246
Name Eggboard matrix 800x800 diretta 3000K bianco

Luminaire Flux	1313.00 lm	Luminaire Power	16.00 W	Efficacy	82.06 lm/W	Efficiency	100.00%
Lamps Flux	1313.00 lm	Maximum value	1037.12 cd/klm	Position	C=45.00 G=19.00	CG	Double Symmetrical

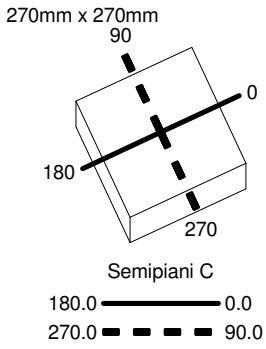
Rectangular Luminaire	Length	270 mm	Width	270 mm	Height	50 mm
Rectangular Luminous Area	Length	270 mm	Width	270 mm	Height	0 mm

Horizontal Luminous Area	0.072900 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°	0.017636 m2

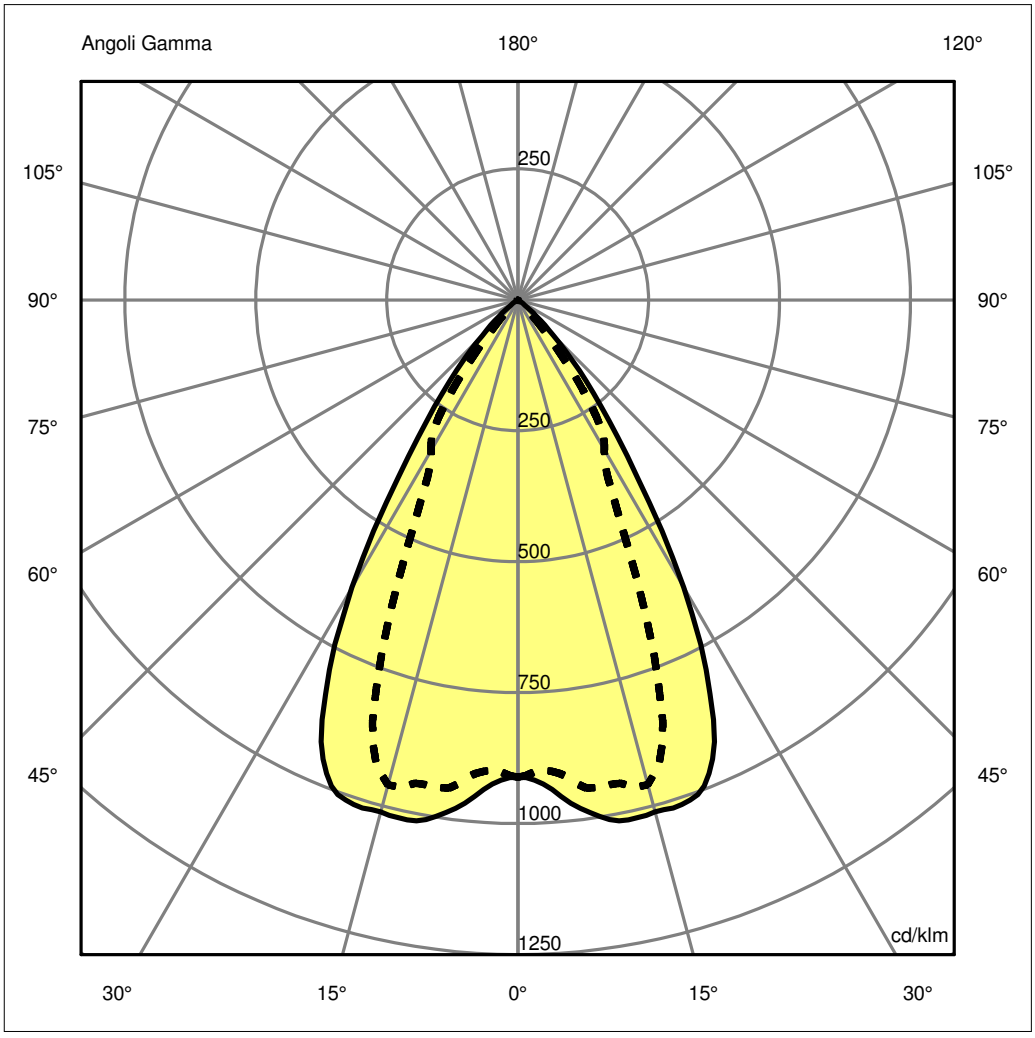
Coordinate system	CG	Symmetry Type	Double Symmetrical
Date	29-09-2015	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	1313.00 lm

LED Flux=1850lm LED Power=13,5W Eff=71% EfcLed=137lm/W EfcLum=82lm/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



ULOR 0.00 %
DLOR100.00 %
RN 0.00 %



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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°		0.017636 m2	
Coordinate system	CG		Symmetry Type		Double Symmetrical	
Date	29-09-2015		Maximum Gamma Angle		180	
Measurement Distance	0.00		Measurement Flux		1313.00 lm	

LED Flux=1850lm LED Power=13,5W Eff=71% EfcLed=137lm/W EfcLum=82lm/W Ra=80 SDCM=3 L70(6K)=60000 - L70

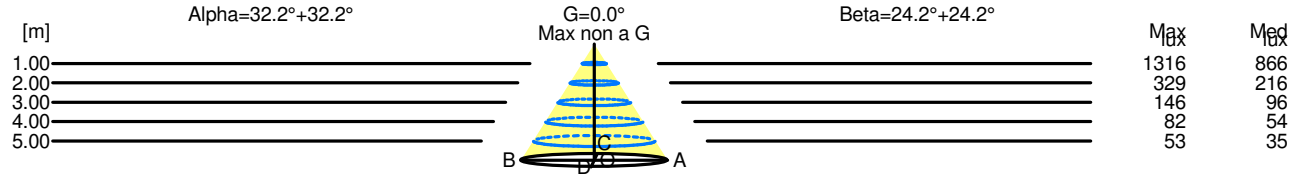
C.I.E.	94 100 100 100 100	D DIN 5040	A60
F UTE	1.00 A	B NBN	BZ 1

Width at 50.00 % of Max Intensity

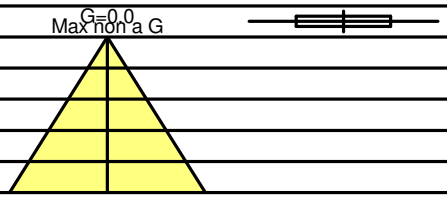
H[m]	1.00	2.00	3.00	4.00	5.00	H[m]	1.00	2.00	3.00	4.00	5.00
OA	0.63	1.26	1.89	2.52	3.15	OC	0.45	0.90	1.35	1.79	2.24
OB	0.63	1.26	1.89	2.52	3.15	OD	0.45	0.90	1.35	1.79	2.24

Luminous Intensities [cd/klm]

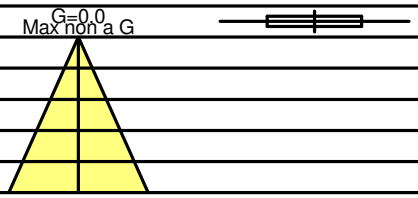
	0	5	15	25	35	45	55	65	75	85
OA	1196.52	1249.70	1328.64	1160.72	478.29	126.04	15.31	1.80	0.63	0.32
OB	1196.52	1249.70	1328.64	1160.72	478.29	126.04	15.31	1.80	0.63	0.32
OC	1196.52	1191.50	1258.47	600.18	314.97	34.63	4.75	1.03	0.59	0.35
OD	1196.52	1191.50	1258.47	600.18	314.97	34.63	4.75	1.03	0.59	0.35



H[m]	D[m]	Max lux	Med lux	Alpha=32.2°+32.2°
1.00	1.26	1316	866	
2.00	2.52	329	216	
3.00	3.78	146	96	
4.00	5.04	82	54	
5.00	6.30	53	35	



H[m]	D[m]	Max lux	Med lux	Beta=24.2°+24.2°
1.00	0.90	1316	866	
2.00	1.79	329	216	
3.00	2.69	146	96	
4.00	3.59	82	54	
5.00	4.49	53	35	



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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	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