

## Luminaire

Code M2884N01+M197000

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED 4000K DIMMERABILE 2368MM+OTTICA PRISMOPTIC 2368MM PER LED

## Measurem.

Code FTS1601404

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED 4000K DIMMERABILE 2368MM+OTTICA PRISMOPTIC 2368MM PER LED

Luminaire Flux	5291.82 lm	Luminaire Power	68.00 W	Efficacy	77.82 lm/W	Efficiency	100.00%
Lamps Flux	5291.82 lm	Maximum value	470.35 cd/klm	Position	C=90.00 G=1.00	CG	Double Symmetrical
Rectangular Luminaire		Length	2368 mm	Width	45 mm	Height	110 mm
Rectangular Luminous Area		Length	2368 mm	Width	32 mm	Height	0 mm
Horizontal Luminous Area		0.075776 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°		0.018332 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		24-06-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5291.82 lm	
LED Flux=9123,84lm LED Power=54W Eff=58% EfcLed=169lm/W EfcLum=78lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	57 86 97 99 100			D DIN 5040	A41		
F UTE	0.99 D + 0.01 T			B NBN	BZ 3		

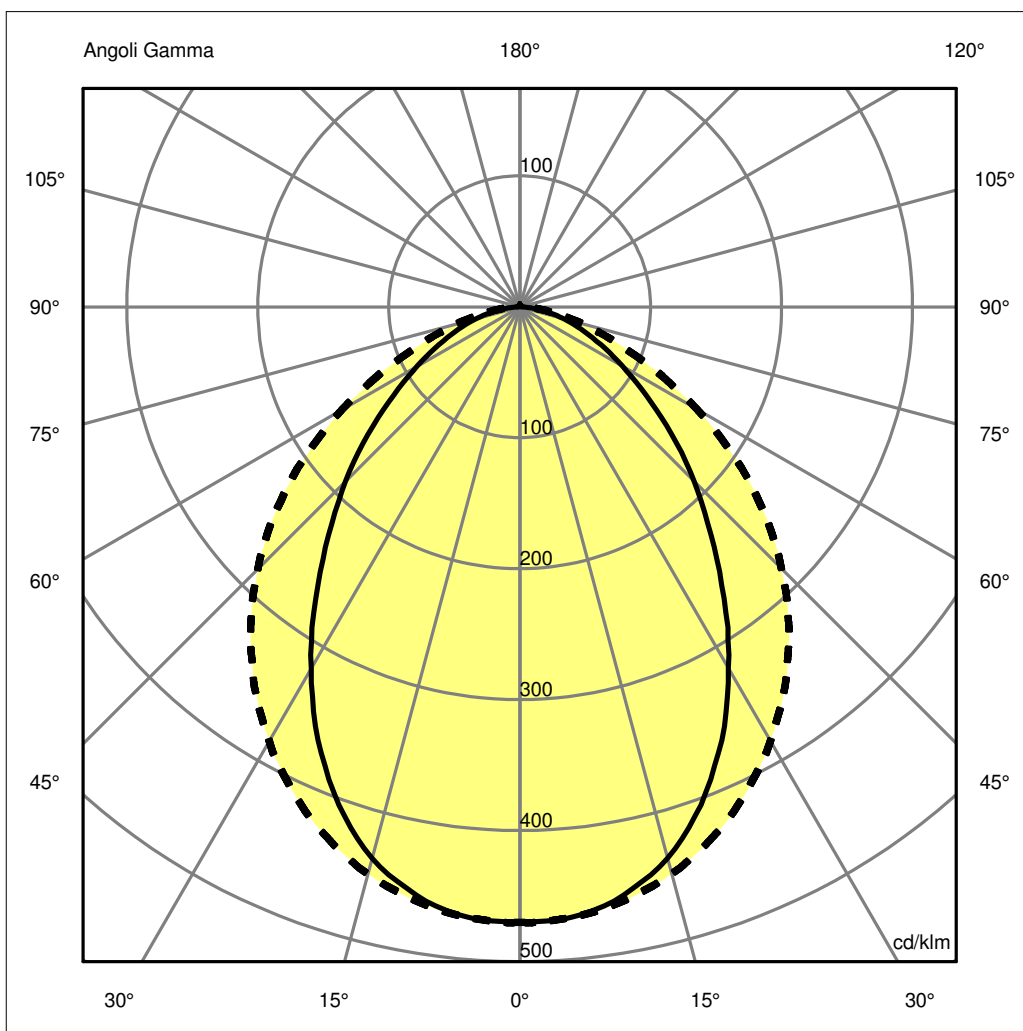
2368mm x 45mm



Semipiani C

180.0 ——— 0.0  
270.0 - - - - - 90.0

ULOR 0.65 %  
DLOR 99.35 %  
RN 0.65 %



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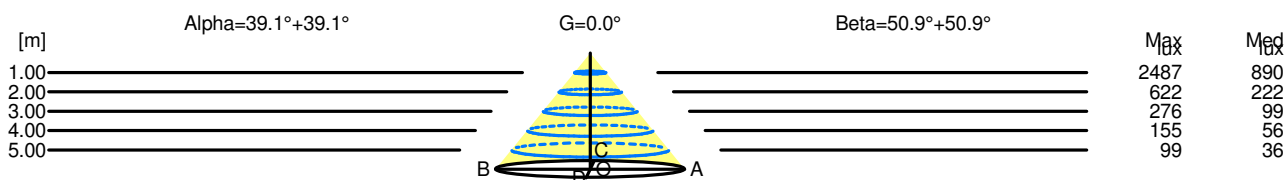
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Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.018332 m2	
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LED Flux=9123,84lm LED Power=54W Eff=58% EfcLed=169lm/W EfcLum=78lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	57 86 97 99 100			D DIN 5040	A41		
F UTE	0.99 D + 0.01 T			B NBN	BZ 3		

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	0.81	1.63	2.44	3.25	4.07	OC	1.23	2.46	3.69	4.93	6.16
OB	0.81	1.63	2.44	3.25	4.07	OD	1.23	2.46	3.69	4.93	6.16

	Luminous Intensities [ cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2487.42	2473.94	2306.14	1931.14	1438.80	995.52	621.97	362.36	181.99	51.22
OB	2487.42	2473.94	2306.14	1931.14	1438.80	995.52	621.97	362.36	181.99	51.22
OC	2487.42	2476.51	2371.89	2166.00	1870.39	1495.67	1057.96	599.82	254.74	57.43
OD	2487.42	2476.51	2371.89	2166.00	1870.39	1495.67	1057.96	599.82	254.74	57.43



H[m]	D[m]	Max lux	Med lux	Alpha=39.1°+39.1°	G=0.0
1.00	1.63	2487	890		
2.00	3.25	622	222		
3.00	4.88	276	99		
4.00	6.51	155	56		
5.00	8.13	99	36		

H[m]	D[m]	Max lux	Med lux	Beta=50.9°+50.9°	G=0.0
1.00	2.46	2487	890		
2.00	4.93	622	222		
3.00	7.39	276	99		
4.00	9.85	155	56		
5.00	12.31	99	36		

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Lamps Flux	5291.82 lm	Maximum value	470.35 cd/klm	Position	C=90.00 G=1.00	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	20.8	22.0	21.1	22.2	24.9	23.2	24.4	23.5	24.6	24.9
x=2H y=3H	21.8	22.9	22.1	23.1	25.9	24.4	25.4	24.7	25.7	25.9
x=2H y=4H	22.2	23.2	22.6	23.5	26.3	24.7	25.7	25.1	26.0	26.3
x=2H y=6H	22.5	23.5	22.9	23.8	26.5	25.0	25.9	25.3	26.2	26.5
x=2H y=8H	22.7	23.5	23.0	23.9	26.6	25.1	25.9	25.4	26.3	26.6
x=2H y=12H	22.7	23.6	23.1	23.9	26.6	25.1	25.9	25.5	26.3	26.6
x=4H y=2H	21.6	22.6	21.9	22.8	25.1	23.5	24.5	23.8	24.8	25.1
x=4H y=3H	22.7	23.5	23.1	23.9	26.3	24.8	25.6	25.2	26.0	26.3
x=4H y=4H	23.2	24.0	23.6	24.3	26.8	25.3	26.0	25.7	26.4	26.8
x=4H y=6H	23.7	24.3	24.1	24.7	27.1	25.7	26.3	26.1	26.7	27.1
x=4H y=8H	23.8	24.4	24.2	24.8	27.2	25.8	26.4	26.2	26.8	27.2
x=4H y=12H	23.9	24.5	24.4	24.9	27.3	25.9	26.4	26.3	26.8	27.3
x=8H y=4H	23.5	24.1	24.0	24.5	26.8	25.4	26.0	25.9	26.4	26.8
x=8H y=6H	24.1	24.6	24.5	25.0	27.3	25.9	26.4	26.4	26.8	27.3
x=8H y=8H	24.3	24.7	24.8	25.2	27.4	26.1	26.5	26.5	26.9	27.4
x=8H y=12H	24.5	24.8	25.0	25.3	27.5	26.2	26.6	26.7	27.0	27.5
x=12H y=4H	23.6	24.1	24.0	24.5	26.8	25.4	25.9	25.9	26.4	26.8
x=12H y=6H	24.2	24.6	24.6	25.0	27.3	25.9	26.3	26.4	26.8	27.3
x=12H y=8H	24.4	24.8	24.9	25.2	27.4	26.1	26.5	26.6	26.9	27.4