

Luminaire

Code M2885W01+M197000

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED 3000K DIMMERABILE 2368MM + INDIRETTA LED + OTTICA PRISMOPTIC PER LED

Measurement

Code FTS1601407

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED 3000K DIMMERABILE 2368MM + INDIRETTA LED + OTTICA PRISMOPTIC PER LED

Luminaire Flux	10005.04 lm	Luminaire Power	122.00 W	Efficacy	82.01 lm/W	Efficiency	100.00%
Lamps Flux	10005.04 lm	Maximum value	237.61 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		10005.04 lm	
LED Flux=15143,88lm LED Power=96W Eff=66% EfcLed=158lm/W EfcLum=82lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	57 86 97 50 100			D DIN 5040	C41		
F UTE	0.50 D + 0.50 T			B NBN	BZ 3		

2368mm x 45mm



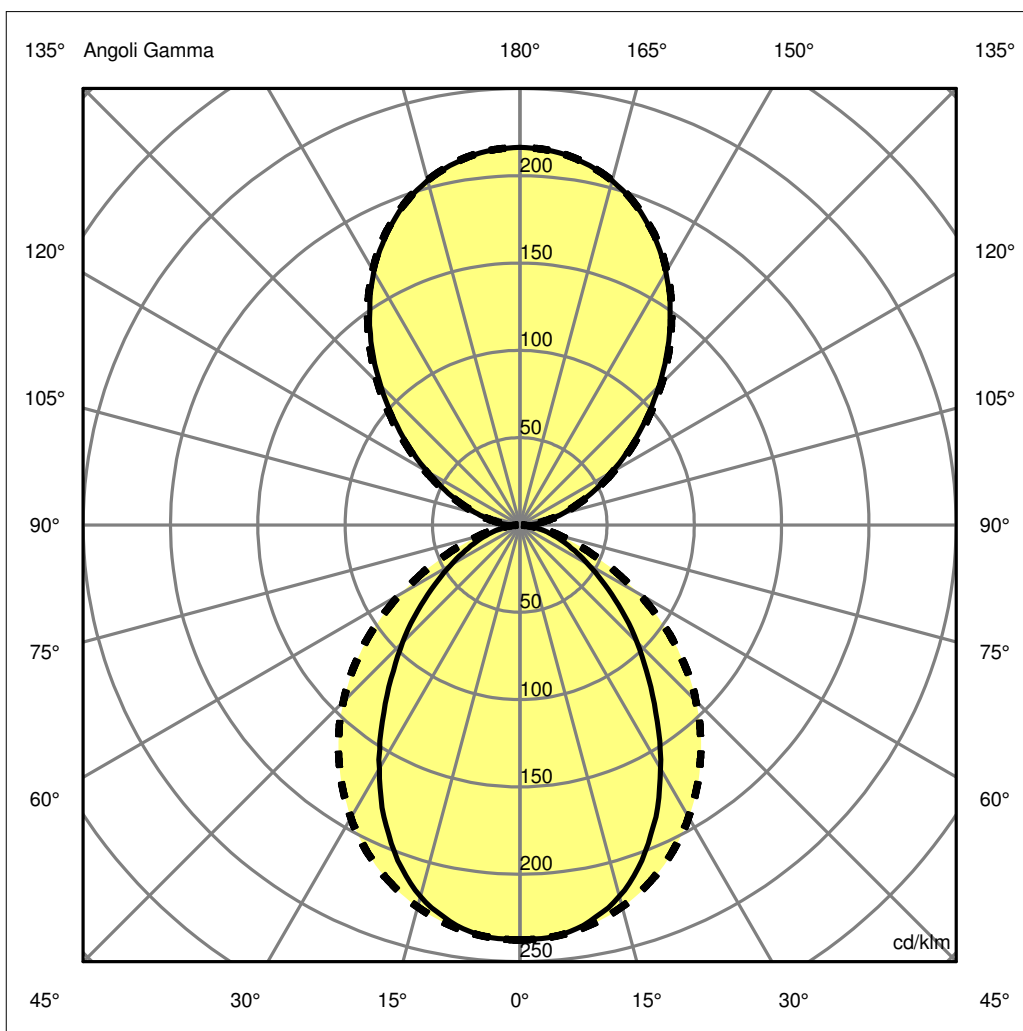
Semipiani C

180.0 ——— 0.0
270.0 - - - - - 90.0

ULOR 49.77 %

DLOR 50.23 %

RN 49.77 %



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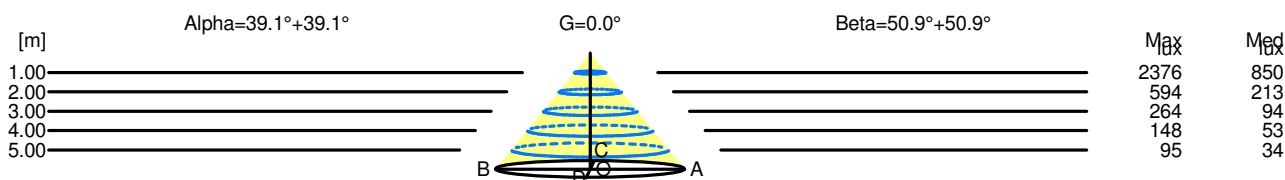
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Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.018332 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		24-06-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		10005.04 lm	
LED Flux=15143,88lm LED Power=96W Eff=66% EfcLed=158lm/W EfcLum=82lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	57 86 97 50 100			D DIN 5040	C41		
F UTE	0.50 D + 0.50 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	2375.75	2362.88	2202.61	1844.45	1374.21	950.83	594.05	346.10	173.82	48.92
OB	2375.75	2362.88	2202.61	1844.45	1374.21	950.83	594.05	346.10	173.82	48.92
OC	2375.75	2365.33	2265.41	2068.76	1786.43	1428.52	1010.47	572.89	243.31	54.85
OD	2375.75	2365.33	2265.41	2068.76	1786.43	1428.52	1010.47	572.89	243.31	54.85



H[m]	D[m]	Max lux	Med lux	Alpha=39.1°+39.1°	G=0.0
1.00	1.63	2376	850		
2.00	3.25	594	213		
3.00	4.88	264	94		
4.00	6.51	148	53		
5.00	8.13	95	34		

H[m]	D[m]	Max lux	Med lux	Beta=50.9°+50.9°	G=0.0
1.00	2.46	2376	850		
2.00	4.93	594	213		
3.00	7.39	264	94		
4.00	9.85	148	53		
5.00	12.31	95	34		

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Measur.

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Lamps Flux	10005.04 lm	Maximum value	237.61 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	17.3	18.1	18.2	18.9	22.5	19.7	20.5	20.6	21.3	22.5
x=2H y=3H	18.2	18.9	19.1	19.7	23.4	20.7	21.4	21.6	22.3	23.4
x=2H y=4H	18.5	19.1	19.4	20.1	23.8	21.0	21.7	22.0	22.6	23.8
x=2H y=6H	18.8	19.4	19.7	20.3	23.9	21.2	21.8	22.2	22.7	23.9
x=2H y=8H	18.9	19.4	19.8	20.3	23.9	21.3	21.8	22.2	22.7	23.9
x=2H y=12H	18.9	19.4	19.9	20.4	23.9	21.3	21.8	22.2	22.7	23.9
x=4H y=2H	17.9	18.5	18.8	19.4	22.5	19.8	20.4	20.7	21.3	22.5
x=4H y=3H	18.9	19.4	19.8	20.3	23.6	21.0	21.5	21.9	22.4	23.6
x=4H y=4H	19.3	19.8	20.3	20.7	24.0	21.4	21.8	22.4	22.8	24.0
x=4H y=6H	19.7	20.1	20.7	21.0	24.3	21.7	22.1	22.7	23.0	24.3
x=4H y=8H	19.8	20.1	20.8	21.1	24.4	21.8	22.1	22.8	23.1	24.4
x=4H y=12H	19.9	20.2	20.9	21.2	24.4	21.8	22.1	22.8	23.1	24.4
x=8H y=4H	19.5	19.9	20.5	20.9	24.0	21.4	21.8	22.4	22.7	24.0
x=8H y=6H	20.0	20.3	21.0	21.3	24.4	21.8	22.1	22.8	23.1	24.4
x=8H y=8H	20.2	20.4	21.2	21.4	24.5	21.9	22.2	22.9	23.2	24.5
x=8H y=12H	20.3	20.5	21.3	21.6	24.6	22.0	22.2	23.0	23.3	24.6
x=12H y=4H	19.5	19.8	20.5	20.8	24.0	21.3	21.7	22.4	22.7	24.0
x=12H y=6H	20.0	20.2	21.0	21.3	24.4	21.8	22.0	22.8	23.0	24.4
x=12H y=8H	20.2	20.4	21.3	21.5	24.5	21.9	22.1	23.0	23.2	24.5