

Luminaire

Code M2884N00+M186800

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

Measurement

Code FTS1601388

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

Luminaire Flux	4105.72 lm	Luminaire Power	68.00 W	Efficacy	60.38 lm/W	Efficiency	100.00%
Lamps Flux	4105.72 lm	Maximum value	382.79 cd/klm	Position	C=55.00 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		20-06-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		4105.72 lm	
LED Flux=9123,84lm LED Power=54W Eff=45% EfcLed=169lm/W EfcLum=60lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	49 80 96 100 100			D DIN 5040	A30		
F UTE	1.00 E			B NBN	BZ 4		

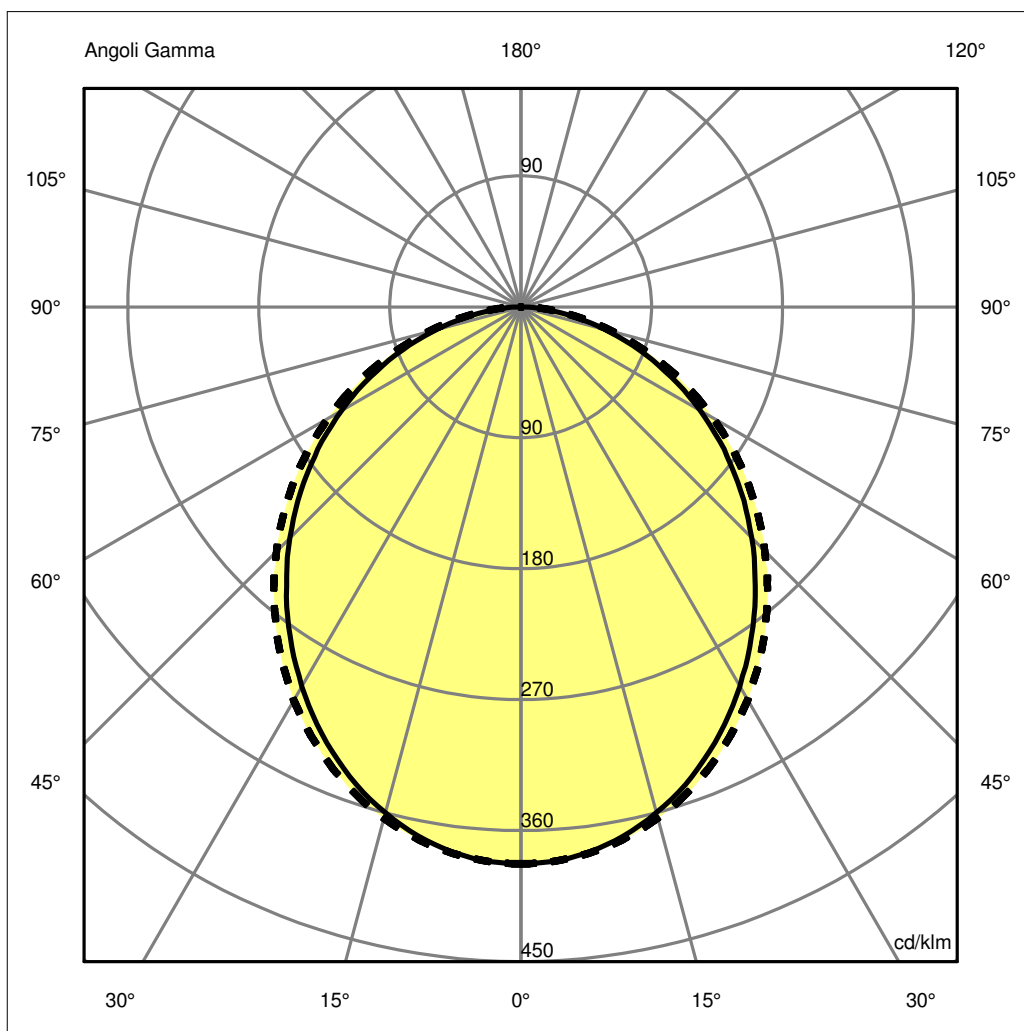
2368mm x 45mm



Semipiani C

180.0 ——— 0.0
270.0 - - - - - 90.0

ULOR 0.01 %
DLOR 99.99 %
RN 0.01 %



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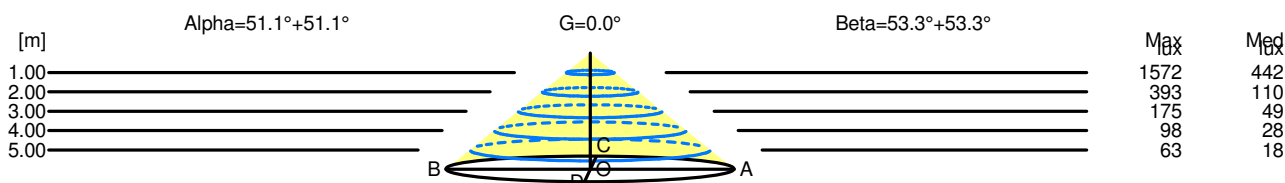
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C.I.E.	49 80 96 100 100			D DIN 5040	A30		
F UTE	1.00 E			B NBN	BZ 4		

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	1.24	2.48	3.72	4.96	6.20	OC	1.34	2.69	4.03	5.37	6.71
OB	1.24	2.48	3.72	4.96	6.20	OD	1.34	2.69	4.03	5.37	6.71

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1571.54	1561.30	1477.10	1328.53	1134.03	922.04	700.18	468.85	245.27	59.56
OB	1571.54	1561.30	1477.10	1328.53	1134.03	922.04	700.18	468.85	245.27	59.56
OC	1571.54	1562.97	1494.19	1363.27	1185.49	974.11	745.48	505.65	266.72	68.40
OD	1571.54	1562.97	1494.19	1363.27	1185.49	974.11	745.48	505.65	266.72	68.40



H[m]	D[m]	Max lux	Med lux	Alpha=51.1°+51.1°	G=0.0
1.00	2.48	1572	442		
2.00	4.96	393	110		
3.00	7.44	175	49		
4.00	9.92	98	28		
5.00	12.40	63	18		

H[m]	D[m]	Max lux	Med lux	Beta=53.3°+53.3°	G=0.0
1.00	2.69	1572	442		
2.00	5.37	393	110		
3.00	8.06	175	49		
4.00	10.74	98	28		
5.00	13.43	63	18		

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Lamps Flux	4105.72 lm	Maximum value	382.79 cd/klm	Position	C=55.00 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	22.0	23.3	22.3	23.5	24.0	22.3	23.6	22.6	23.8	24.0
x=2H y=3H	23.5	24.7	23.8	24.9	25.6	23.9	25.0	24.2	25.3	25.6
x=2H y=4H	24.1	25.2	24.4	25.5	26.2	24.5	25.6	24.8	25.9	26.2
x=2H y=6H	24.5	25.6	24.9	25.9	26.6	24.9	26.0	25.3	26.3	26.6
x=2H y=8H	24.7	25.7	25.0	26.0	26.7	25.1	26.1	25.4	26.4	26.7
x=2H y=12H	24.8	25.7	25.1	26.0	26.8	25.2	26.1	25.6	26.4	26.8
x=4H y=2H	22.7	23.9	23.1	24.1	24.6	23.0	24.1	23.3	24.4	24.6
x=4H y=3H	24.4	25.4	24.8	25.7	26.3	24.7	25.7	25.1	26.0	26.3
x=4H y=4H	25.2	26.0	25.6	26.4	27.0	25.5	26.3	25.9	26.7	27.0
x=4H y=6H	25.7	26.4	26.1	26.8	27.6	26.1	26.8	26.5	27.2	27.6
x=4H y=8H	25.9	26.6	26.3	27.0	27.7	26.2	26.9	26.7	27.3	27.7
x=4H y=12H	26.0	26.6	26.5	27.0	27.8	26.4	27.0	26.8	27.4	27.8
x=8H y=4H	25.5	26.2	26.0	26.6	27.3	25.8	26.5	26.2	26.9	27.3
x=8H y=6H	26.2	26.7	26.6	27.2	27.9	26.5	27.0	26.9	27.5	27.9
x=8H y=8H	26.4	26.9	26.9	27.4	28.2	26.8	27.2	27.2	27.7	28.2
x=8H y=12H	26.6	27.0	27.1	27.5	28.3	27.0	27.4	27.5	27.8	28.3
x=12H y=4H	25.5	26.1	26.0	26.6	27.3	25.8	26.4	26.3	26.8	27.3
x=12H y=6H	26.3	26.7	26.7	27.2	27.9	26.5	27.0	27.0	27.5	27.9
x=12H y=8H	26.5	27.0	27.0	27.4	28.2	26.8	27.3	27.3	27.7	28.2