

Luminaire

Code M2883N00+M196900

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED 4000K NON DIMMERABILE 1184MM + INDIRETTA LED+ OTTICA PRISMOPTIC PER LED

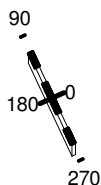
Measurement

Code FTS1601382

Name ALGORITMO SYSTEM PIASTRA CABLATA DIRETTA LED 4000K NON DIMMERABILE 1184MM + INDIRETTA LED+ OTTICA PRISMOPTIC PER LED

Luminaire Flux	5237.64 lm	Luminaire Power	62.00 W	Efficacy	84.48 lm/W	Efficiency	100.00%
Lamps Flux	5237.64 lm	Maximum value	237.61 cd/klm	Position	C=90.00 G=1.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1185 mm	Width	45 mm	Height	110 mm
Rectangular Luminous Area		Length	1185 mm	Width	32 mm	Height	0 mm
Horizontal Luminous Area		0.037920 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°		0.009174 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		24-06-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		5237.64 lm	
LED Flux=7927,82lm LED Power=48W Eff=66% EfcLed=165lm/W EfcLum=84lm/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		

1185mm x 45mm



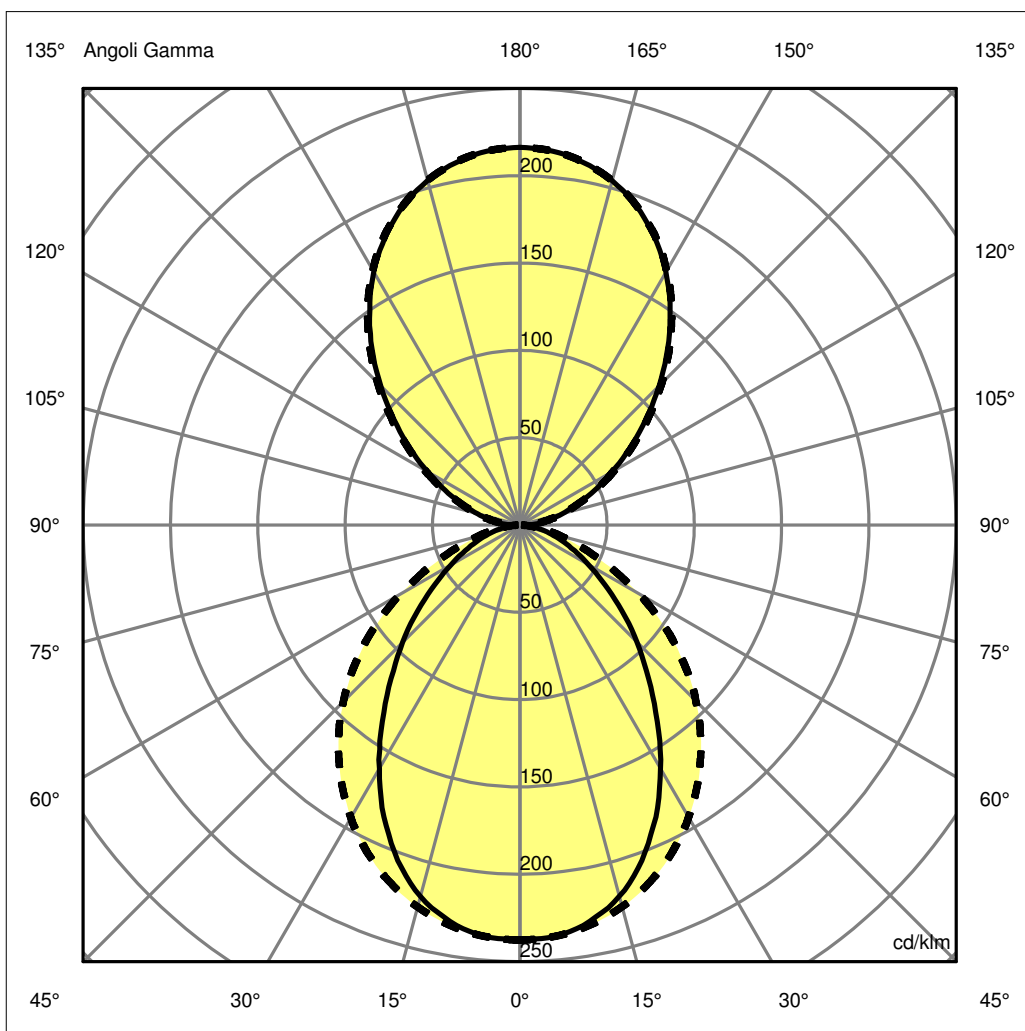
Semipiani C

180.0 ——— 0.0
270.0 - - - - - 90.0

ULOR 49.77 %

DLOR 50.23 %

RN 49.77 %



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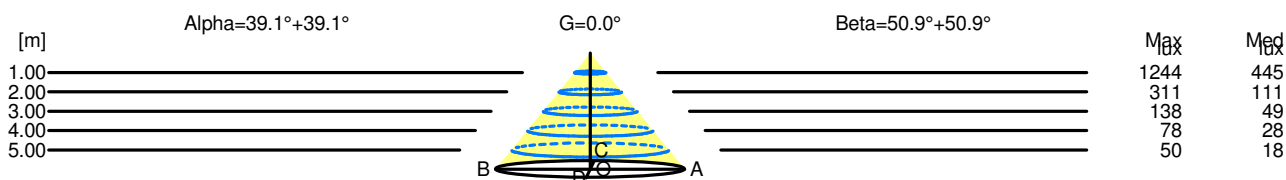
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Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.009174 m2	
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C.I.E.	57 86 97 50 100			D DIN 5040	C41		
F UTE	0.50 D + 0.50 T			B NBN	BZ 3		

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	1243.71	1236.97	1153.07	965.57	719.40	497.76	310.99	181.18	90.99	25.61
OB	1243.71	1236.97	1153.07	965.57	719.40	497.76	310.99	181.18	90.99	25.61
OC	1243.71	1238.25	1185.94	1083.00	935.19	747.83	528.98	299.91	127.37	28.71
OD	1243.71	1238.25	1185.94	1083.00	935.19	747.83	528.98	299.91	127.37	28.71



H[m]	D[m]	Max lux	Med lux	Alpha=39.1°+39.1°	G=0.0
1.00	1.63	1244	445		
2.00	3.25	311	111		
3.00	4.88	138	49		
4.00	6.51	78	28		
5.00	8.13	50	18		

H[m]	D[m]	Max lux	Med lux	Beta=50.9°+50.9°	G=0.0
1.00	2.46	1244	445		
2.00	4.93	311	111		
3.00	7.39	138	49		
4.00	9.85	78	28		
5.00	12.31	50	18		

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Lamps Flux	5237.64 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	17.5	18.2	18.3	19.1	22.6	19.9	20.6	20.7	21.5	22.6
x=2H y=3H	18.3	19.0	19.2	19.9	23.6	20.9	21.6	21.8	22.4	23.6
x=2H y=4H	18.7	19.3	19.6	20.2	23.9	21.2	21.8	22.1	22.7	23.9
x=2H y=6H	18.9	19.5	19.9	20.4	24.1	21.4	22.0	22.3	22.9	24.1
x=2H y=8H	19.0	19.6	20.0	20.5	24.1	21.4	22.0	22.4	22.9	24.1
x=2H y=12H	19.1	19.6	20.0	20.5	24.1	21.4	21.9	22.4	22.9	24.1
x=4H y=2H	18.0	18.7	18.9	19.6	22.7	20.0	20.6	20.9	21.5	22.7
x=4H y=3H	19.0	19.6	20.0	20.5	23.8	21.1	21.6	22.1	22.6	23.8
x=4H y=4H	19.5	19.9	20.4	20.9	24.2	21.6	22.0	22.5	23.0	24.2
x=4H y=6H	19.8	20.2	20.8	21.2	24.5	21.8	22.2	22.8	23.2	24.5
x=4H y=8H	19.9	20.3	20.9	21.3	24.5	21.9	22.3	22.9	23.3	24.5
x=4H y=12H	20.0	20.3	21.0	21.3	24.6	21.9	22.3	23.0	23.3	24.6
x=8H y=4H	19.7	20.0	20.7	21.0	24.2	21.6	21.9	22.5	22.9	24.2
x=8H y=6H	20.1	20.4	21.2	21.4	24.5	21.9	22.2	23.0	23.2	24.5
x=8H y=8H	20.3	20.6	21.4	21.6	24.7	22.1	22.3	23.1	23.3	24.7
x=8H y=12H	20.5	20.7	21.5	21.7	24.8	22.2	22.4	23.2	23.4	24.8
x=12H y=4H	19.6	20.0	20.7	21.0	24.1	21.5	21.8	22.5	22.8	24.1
x=12H y=6H	20.2	20.4	21.2	21.4	24.5	21.9	22.2	22.9	23.2	24.5
x=12H y=8H	20.4	20.6	21.4	21.6	24.7	22.1	22.3	23.1	23.3	24.7