

Luminaire

Code M2910N21

Name ALGORITMO STAND-ALONE 1188mm SOSPENSIONE LED 4000K EMISSIONE DIRETTA DIFFONDEnte DIMMER BIANCO

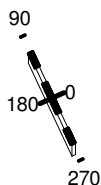
Measurement

Code FTS1601518

Name ALGORITMO STAND-ALONE 1188mm SOSPENSIONE LED 4000K EMISSIONE DIRETTA DIFFONDEnte DIMMER BIANCO

Luminaire Flux	2052.86 lm	Luminaire Power	34.00 W	Efficacy	60.38 lm/W	Efficiency	100.00%
Lamps Flux	2052.86 lm	Maximum value	382.79 cd/klm	Position	C=55.00 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		20-06-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		2052.86 lm	
LED Flux=4561,92lm LED Power=27W 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		

1185mm x 45mm



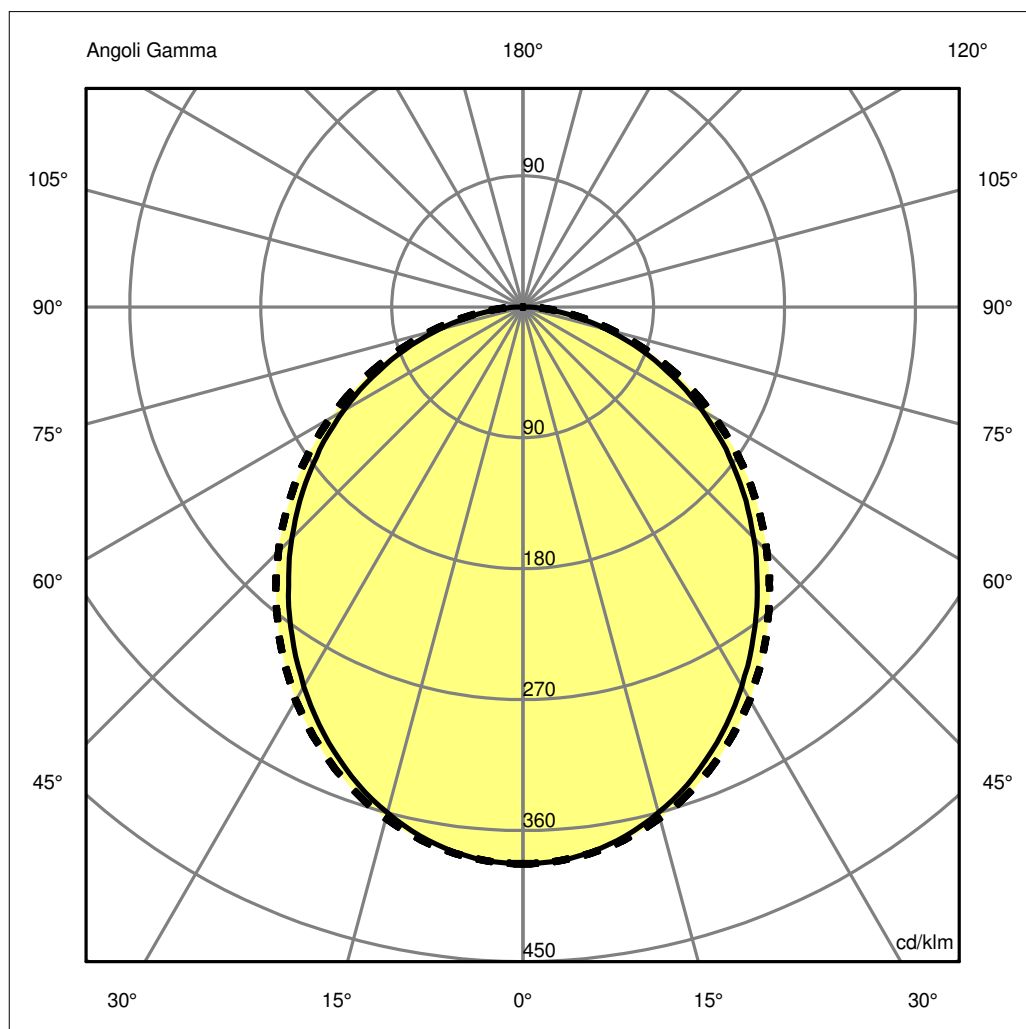
Semipiani C

180.0 ——— 0.0
270.0 - - - - - 90.0

ULOR 0.01 %

DLOR 99.99 %

RN 0.01 %



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Measur.

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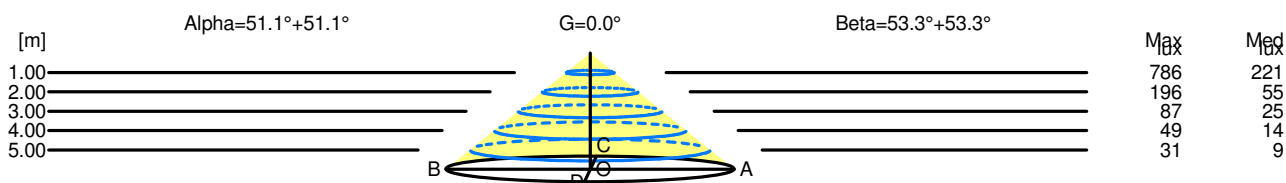
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C.I.E.	49 80 96 100 100			D DIN 5040	A30		
F UTE	1.00 E			B NBN	BZ 4		

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	785.77	780.65	738.55	664.26	567.02	461.02	350.09	234.43	122.63	29.78
OB	785.77	780.65	738.55	664.26	567.02	461.02	350.09	234.43	122.63	29.78
OC	785.77	781.48	747.09	681.63	592.75	487.06	372.74	252.83	133.36	34.20
OD	785.77	781.48	747.09	681.63	592.75	487.06	372.74	252.83	133.36	34.20



H[m]	D[m]	Max lux	Med lux	Alpha=51.1°+51.1°	G=0.0
1.00	2.48	786	221		
2.00	4.96	196	55		
3.00	7.44	87	25		
4.00	9.92	49	14		
5.00	12.40	31	9		

H[m]	D[m]	Max lux	Med lux	Beta=53.3°+53.3°	G=0.0
1.00	2.69	786	221		
2.00	5.37	196	55		
3.00	8.06	87	25		
4.00	10.74	49	14		
5.00	13.43	31	9		

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Lamps Flux	2052.86 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	22.2	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	23.8	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	25.6	25.0	26.0	26.7	25.1	26.1	25.4	26.4	26.7
x=2H y=12H	24.7	25.7	25.1	26.0	26.8	25.2	26.1	25.6	26.4	26.8
x=4H y=2H	22.7	23.8	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	27.5	26.0	26.8	26.5	27.2	27.5
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