

Luminaire

Code M2885W01+M186800

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

Measurement

Code FTS1601415

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

Luminaire Flux	8872.21 lm	Luminaire Power	122.00 W	Efficacy	72.72 lm/W	Efficiency	100.00%
Lamps Flux	8872.21 lm	Maximum value	243.09 cd/klm	Position	C=0.00 G=180.00	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		23-06-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		8872.21 lm	
LED Flux=15143,88lm LED Power=96W Eff=59% EfcLed=158lm/W EfcLum=73lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	49 80 96 44 100			D DIN 5040		C32	
F UTE	0.44 E + 0.56 T			B NBN		BZ 4	

2368mm x 45mm



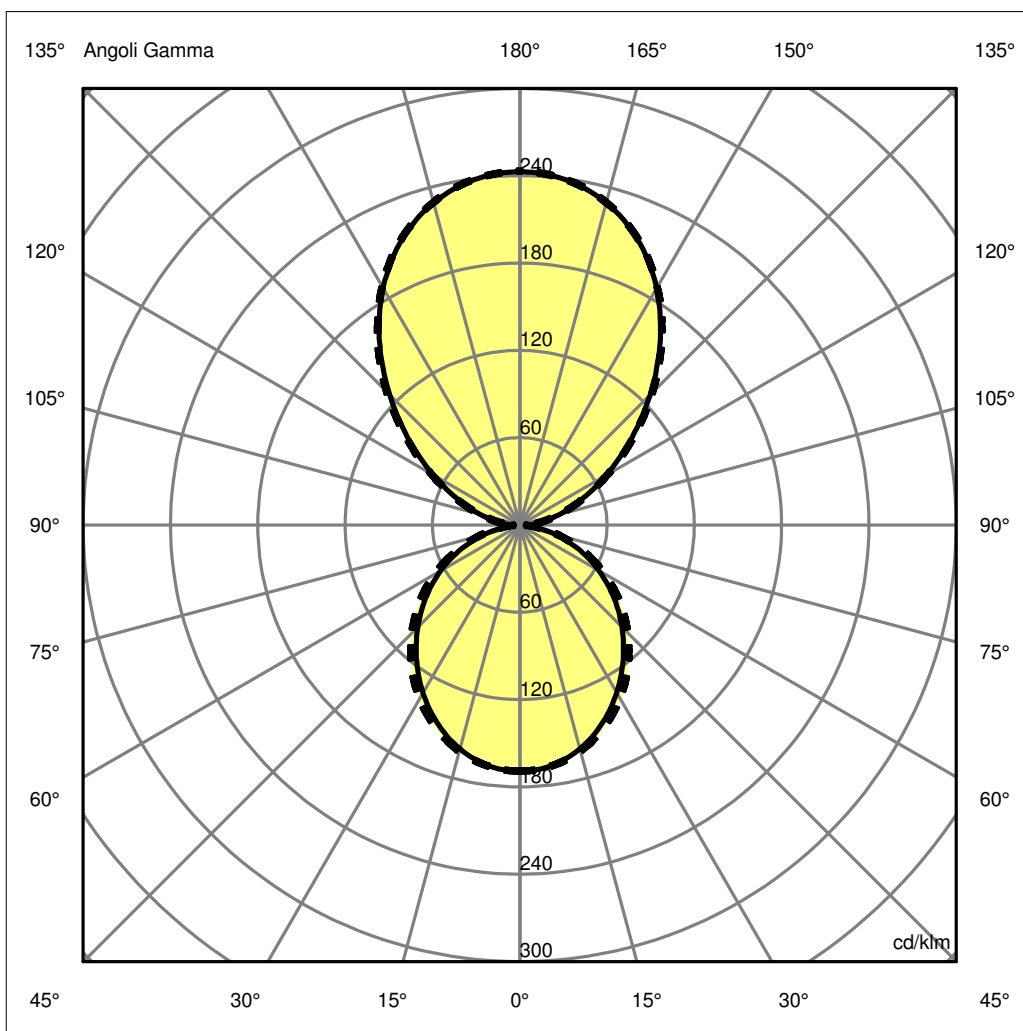
Semipiani C

180.0 ——— 0.0
270.0 - - - - 90.0

ULOR 55.76 %

DLOR 44.24 %

RN 55.76 %



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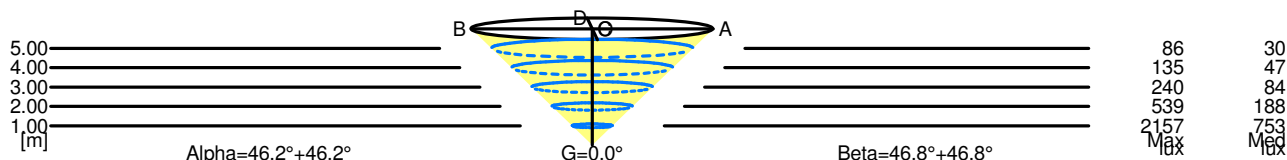
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Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.018332 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		23-06-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		8872.21 lm	
LED Flux=15143,88lm LED Power=96W Eff=59% EfcLed=158lm/W EfcLum=73lm/W Ra=80 SDCM=3 L70(6K)=50000h							
C.I.E.	49 80 96 44 100			D DIN 5040	C32		
F UTE	0.44 E + 0.56 T			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	1.04	2.08	3.12	4.16	5.21	OC	1.06	2.13	3.19	4.25	5.32
OB	1.04	2.08	3.12	4.16	5.21	OD	1.06	2.13	3.19	4.25	5.32

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	2156.78	2141.43	2034.70	1816.92	1493.56	1123.20	765.64	468.99	246.69	95.74
OB	2156.78	2141.43	2034.70	1816.92	1493.56	1123.20	765.64	468.99	246.69	95.74
OC	2156.78	2142.31	2036.23	1824.25	1509.86	1146.15	785.49	482.14	250.81	93.20
OD	2156.78	2142.31	2036.23	1824.25	1509.86	1146.15	785.49	482.14	250.81	93.20



5.00	10.41	86	30		
4.00	8.33	135	47		
3.00	6.25	240	84		
2.00	4.16	539	188		
1.00	2.08	2157	753		
H[m]	D[m]	Max lux	Med lux	Alpha=46.2°+46.2°	G=0.0

5.00	10.63	86	30		
4.00	8.50	135	47		
3.00	6.38	240	84		
2.00	4.25	539	188		
1.00	2.13	2157	753		
H[m]	D[m]	Max lux	Med lux	Beta=46.8°+46.8°	G=0.0

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Measur.

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

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Lamps Flux	8872.21 lm	Maximum value	243.09 cd/klm	Position	C=0.00 G=180.00	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										
RoomDimensions	ViewedCrosswise					ViewedEndwise				
	x=2H	y=2H	x=2H	y=2H	x=2H	y=2H	x=2H	y=2H	x=2H	y=2H
x=2H y=2H	17.9	18.6	18.8	19.6	21.1	18.2	18.9	19.1	19.9	21.1
x=2H y=3H	19.3	20.0	20.3	20.9	22.5	19.7	20.3	20.6	21.3	22.5
x=2H y=4H	19.8	20.5	20.8	21.4	23.1	20.2	20.8	21.2	21.8	23.1
x=2H y=6H	20.2	20.8	21.2	21.8	23.4	20.6	21.2	21.6	22.2	23.4
x=2H y=8H	20.3	20.9	21.3	21.8	23.5	20.7	21.3	21.7	22.2	23.5
x=2H y=12H	20.3	20.9	21.4	21.9	23.6	20.8	21.3	21.8	22.3	23.6
x=4H y=2H	18.5	19.1	19.5	20.1	21.6	18.7	19.3	19.7	20.3	21.6
x=4H y=3H	20.0	20.6	21.0	21.6	23.2	20.3	20.8	21.3	21.8	23.2
x=4H y=4H	20.7	21.1	21.7	22.1	23.8	21.0	21.4	22.0	22.4	23.8
x=4H y=6H	21.1	21.5	22.2	22.6	24.2	21.5	21.9	22.5	22.9	24.2
x=4H y=8H	21.3	21.6	22.3	22.7	24.4	21.6	22.0	22.7	23.0	24.4
x=4H y=12H	21.4	21.7	22.4	22.7	24.5	21.7	22.0	22.8	23.1	24.5
x=8H y=4H	20.9	21.3	21.9	22.3	23.9	21.2	21.5	22.2	22.6	23.9
x=8H y=6H	21.5	21.8	22.5	22.8	24.5	21.8	22.1	22.8	23.1	24.5
x=8H y=8H	21.7	21.9	22.8	23.0	24.7	22.0	22.3	23.1	23.3	24.7
x=8H y=12H	21.8	22.0	22.9	23.1	24.9	22.2	22.4	23.2	23.4	24.9
x=12H y=4H	20.9	21.2	21.9	22.2	23.9	21.1	21.5	22.2	22.5	23.9
x=12H y=6H	21.5	21.8	22.6	22.8	24.5	21.8	22.0	22.9	23.1	24.5
x=12H y=8H	21.7	22.0	22.8	23.0	24.8	22.0	22.3	23.1	23.3	24.8