

Luminaire

Code M3001N61
Name GRAFA SYSTEM 1200X300 4000K DIMMER

Measurem.

Code FTS1601348
Name GRAFA SYSTEM 1200X300 4000K DIMMER

Luminaire Flux	3665.00 lm	Luminaire Power	39.00 W	Efficacy	93.97 lm/W	Efficiency	100.00%
Lamps Flux	3665.00 lm	Maximum value	345.98 cd/klm	Position	C=0.00 G=2.00	CG	Double Symmetrical
Rectangular Luminaire		Length	1200 mm	Width	300 mm	Height	18 mm
Rectangular Luminous Area		Length	1165 mm	Width	275 mm	Height	0 mm
Horizontal Luminous Area		0.320375 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°		0.077506 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		11-05-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		3665.00 lm	

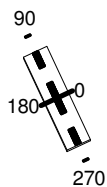
LED Flux=4416lm LED Power=32,5W Eff=83% EfcLed=136lm/W EfcLum=94lm/W Ra=80 SDCM=2 L70(6K)=50000

C.I.E. 65 88 97 61 100
F UTE 0.61 C + 0.39 T

D DIN 5040
B NBN

B51
BZ 2 / 1 / BZ 3

1200mm x 300mm



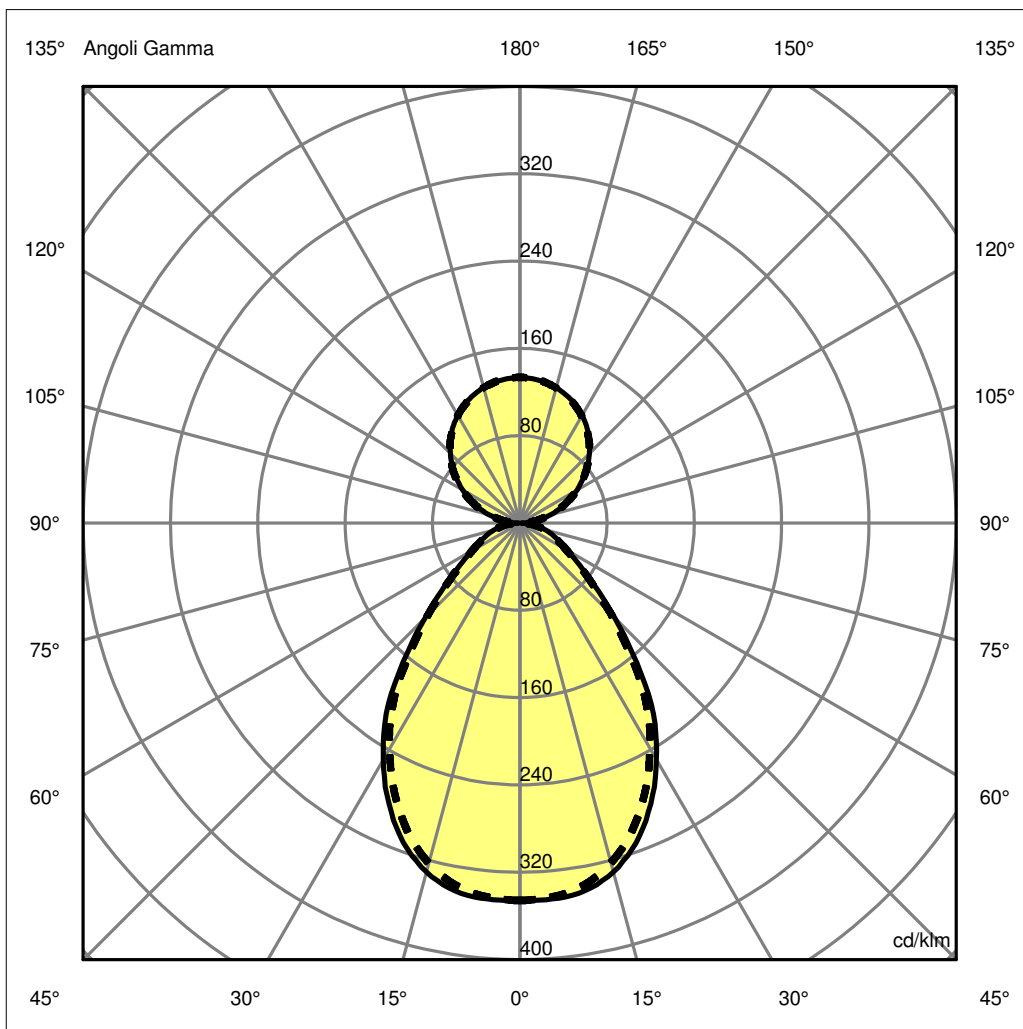
Semipiani C

180.0 ——— 0.0
270.0 - - - - 90.0

ULOR 39.09 %

DLOR 60.91 %

RN 39.09 %



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Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.077506 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		11-05-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		3665.00 lm	

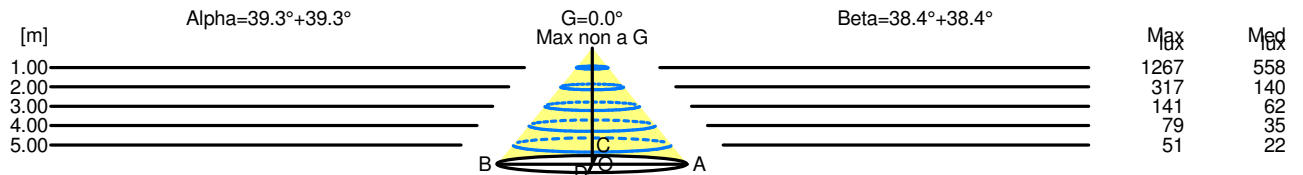
LED Flux=4416lm LED Power=32,5W Eff=83% EfcLed=136lm/W EfcLum=94lm/W Ra=80 SDCM=2 L70(6K)=50000

C.I.E.	65 88 97 61 100	D DIN 5040	B51
F UTE	0.61 C + 0.39 T	B NBN	BZ 2 / 1 / 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	0.82	1.64	2.45	3.27	4.09	OC	0.79	1.59	2.38	3.17	3.97
OB	0.82	1.64	2.45	3.27	4.09	OD	0.79	1.59	2.38	3.17	3.97

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1267.45	1266.72	1212.73	1040.06	781.89	449.83	246.02	148.84	91.00	39.70
OB	1267.45	1266.72	1212.73	1040.06	781.89	449.83	246.02	148.84	91.00	39.70
OC	1267.45	1260.50	1182.74	996.61	741.89	434.69	237.93	142.56	84.60	37.58
OD	1267.45	1260.50	1182.74	996.61	741.89	434.69	237.93	142.56	84.60	37.58



H[m]	D[m]	Max lux	Med lux	Alpha=39.3°+39.3°	G=0.0 Max non a G
1.00	1.64	1267	558		
2.00	3.27	317	140		
3.00	4.91	141	62		
4.00	6.54	79	35		
5.00	8.18	51	22		

H[m]	D[m]	Max lux	Med lux	Beta=38.4°+38.4°	G=0.0 Max non a G
1.00	1.59	1267	558		
2.00	3.17	317	140		
3.00	4.76	141	62		
4.00	6.35	79	35		
5.00	7.93	51	22		

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Lamps Flux	3665.00 lm	Maximum value	345.98 cd/klm	Position	C=0.00 G=2.00	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	10.0	10.8	10.8	11.6	12.3	9.8	10.6	10.6	11.4	12.3
x=2H y=3H	11.0	11.7	11.8	12.5	13.3	10.8	11.5	11.6	12.3	13.3
x=2H y=4H	11.6	12.2	12.4	13.0	13.8	11.3	12.0	12.2	12.8	13.8
x=2H y=6H	12.1	12.7	13.0	13.5	14.3	11.8	12.4	12.7	13.2	14.3
x=2H y=8H	12.4	12.9	13.2	13.8	14.5	12.1	12.6	12.9	13.5	14.5
x=2H y=12H	12.6	13.1	13.4	14.0	14.7	12.3	12.8	13.1	13.6	14.7
x=4H y=2H	10.3	11.0	11.1	11.8	12.6	10.2	10.8	11.0	11.6	12.6
x=4H y=3H	11.5	12.1	12.4	12.9	13.8	11.4	11.9	12.2	12.8	13.8
x=4H y=4H	12.3	12.7	13.1	13.6	14.5	12.1	12.5	12.9	13.4	14.5
x=4H y=6H	13.0	13.4	13.9	14.3	15.1	12.7	13.1	13.6	14.0	15.1
x=4H y=8H	13.3	13.7	14.2	14.6	15.4	13.0	13.4	13.9	14.3	15.4
x=4H y=12H	13.6	13.9	14.5	14.8	15.7	13.3	13.6	14.2	14.5	15.7
x=8H y=4H	12.5	12.9	13.4	13.8	14.7	12.3	12.7	13.2	13.6	14.7
x=8H y=6H	13.4	13.7	14.3	14.6	15.5	13.2	13.4	14.1	14.4	15.5
x=8H y=8H	13.8	14.1	14.8	15.0	15.9	13.6	13.8	14.5	14.8	15.9
x=8H y=12H	14.2	14.4	15.2	15.4	16.3	14.0	14.2	14.9	15.1	16.3
x=12H y=4H	12.5	12.8	13.4	13.8	14.7	12.3	12.7	13.3	13.6	14.7
x=12H y=6H	13.5	13.7	14.4	14.6	15.6	13.2	13.5	14.2	14.4	15.6
x=12H y=8H	14.0	14.2	14.9	15.1	16.1	13.7	13.9	14.7	14.9	16.1