

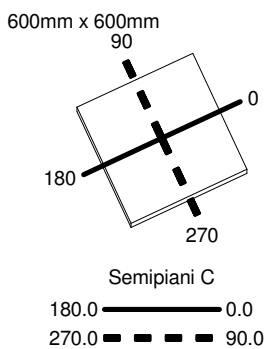
Luminaire

Code M3002N61
Name GRAFA STAND ALONE 600X600 4000K DIMMER

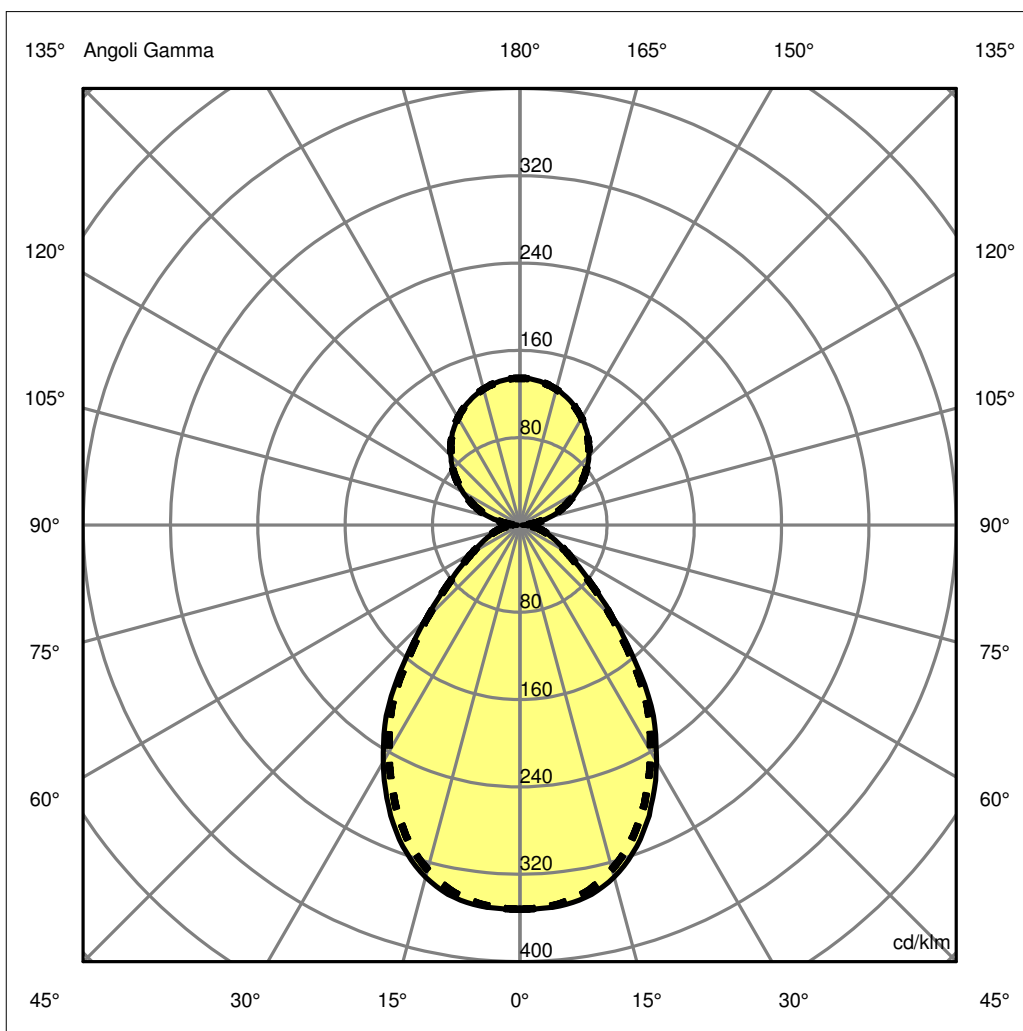
Measurem.

Code FTS1601344
Name GRAFA STAND ALONE 600X600 4000K DIMMER

Luminaire Flux	3886.00 lm	Luminaire Power	39.00 W	Efficacy	99.64 lm/W	Efficiency	100.00%
Lamps Flux	3886.00 lm	Maximum value	352.80 cd/klm	Position	C=55.00 G=1.00	CG	Double Symmetrical
Rectangular Luminaire		Length	600 mm	Width	600 mm	Height	20 mm
Rectangular Luminous Area		Length	574 mm	Width	574 mm	Height	0 mm
Horizontal Luminous Area		0.329476 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°		0.079707 m2	
Coordinate system		CG		Symmetry Type		Double Symmetrical	
Date		05-05-2016		Maximum Gamma Angle		180	
Measurement Distance		0.00		Measurement Flux		3886.00 lm	
LED Flux=4416lm LED Power=32,5W Eff=88% EfcLed=136lm/W EfcLum=100lm/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		



ULOR 39.05 %
DLOR 60.95 %
RN 39.05 %



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Measurment

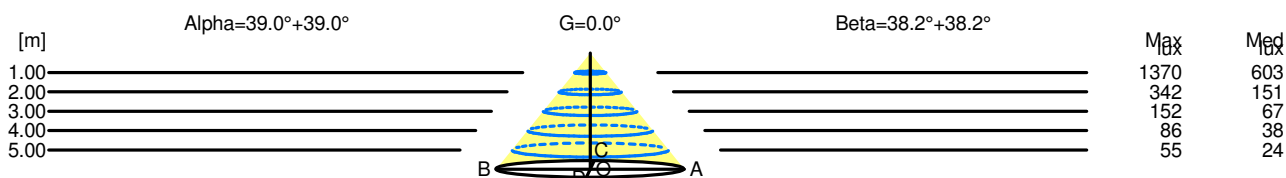
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Measurement Distance		0.00		Measurement Flux		3886.00 lm	
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C.I.E.	65 88 97 61 100			D DIN 5040	B51		
F UTE	0.61 C + 0.39 T			B NBN	BZ 2 / 1 / BZ 3		

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	0.81	1.62	2.43	3.24	4.05	OC	0.79	1.57	2.36	3.15	3.93
OB	0.81	1.62	2.43	3.24	4.05	OD	0.79	1.57	2.36	3.15	3.93

	Luminous Intensities [cd/klm]									
	0	5	15	25	35	45	55	65	75	85
OA	1368.16	1365.17	1297.66	1104.40	829.46	476.68	256.05	150.24	90.07	39.28
OB	1368.16	1365.17	1297.66	1104.40	829.46	476.68	256.05	150.24	90.07	39.28
OC	1368.16	1359.94	1269.63	1062.79	793.63	460.38	250.95	150.60	89.99	37.84
OD	1368.16	1359.94	1269.63	1062.79	793.63	460.38	250.95	150.60	89.99	37.84



H[m]	D[m]	Max lux	Med lux	Alpha=39.0°+39.0°	G=0.0
1.00	1.62	1370	603		
2.00	3.24	342	151		
3.00	4.86	152	67		
4.00	6.47	86	38		
5.00	8.09	55	24		

H[m]	D[m]	Max lux	Med lux	Beta=38.2°+38.2°	G=0.0
1.00	1.57	1370	603		
2.00	3.15	342	151		
3.00	4.72	152	67		
4.00	6.29	86	38		
5.00	7.87	55	24		

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Lamps Flux	3886.00 lm	Maximum value	352.80 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	10.0	10.8	10.8	11.6	12.4	9.9	10.7	10.7	11.5	12.4
x=2H y=3H	11.0	11.7	11.8	12.5	13.3	10.9	11.6	11.7	12.4	13.3
x=2H y=4H	11.5	12.1	12.3	12.9	13.8	11.4	12.1	12.2	12.9	13.8
x=2H y=6H	12.0	12.6	12.8	13.4	14.3	11.9	12.5	12.7	13.3	14.3
x=2H y=8H	12.2	12.8	13.1	13.6	14.6	12.1	12.7	13.0	13.5	14.6
x=2H y=12H	12.4	13.0	13.3	13.8	14.8	12.3	12.9	13.2	13.7	14.8
x=4H y=2H	10.3	11.0	11.1	11.8	12.7	10.2	10.9	11.0	11.7	12.7
x=4H y=3H	11.5	12.0	12.4	12.9	13.9	11.4	12.0	12.3	12.8	13.9
x=4H y=4H	12.2	12.6	13.1	13.5	14.5	12.1	12.6	13.0	13.4	14.5
x=4H y=6H	12.8	13.2	13.7	14.1	15.2	12.8	13.2	13.7	14.1	15.2
x=4H y=8H	13.1	13.5	14.1	14.4	15.5	13.1	13.4	14.0	14.3	15.5
x=4H y=12H	13.4	13.8	14.3	14.7	15.7	13.3	13.7	14.3	14.6	15.7
x=8H y=4H	12.4	12.8	13.3	13.7	14.7	12.4	12.7	13.3	13.6	14.7
x=8H y=6H	13.3	13.6	14.2	14.5	15.6	13.2	13.5	14.1	14.4	15.6
x=8H y=8H	13.7	13.9	14.6	14.9	16.0	13.6	13.9	14.6	14.8	16.0
x=8H y=12H	14.1	14.3	15.0	15.2	16.3	14.0	14.2	14.9	15.2	16.3
x=12H y=4H	12.4	12.8	13.3	13.7	14.7	12.4	12.7	13.3	13.6	14.7
x=12H y=6H	13.3	13.6	14.3	14.5	15.6	13.3	13.5	14.2	14.5	15.6
x=12H y=8H	13.8	14.0	14.8	15.0	16.1	13.7	14.0	14.7	14.9	16.1