

Luminaire

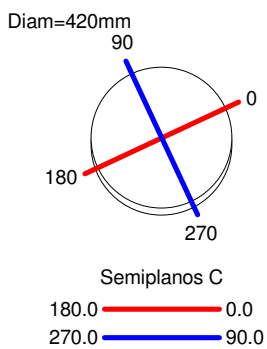
Code A681-105
Name DJEMBE C 42.21

Measur.

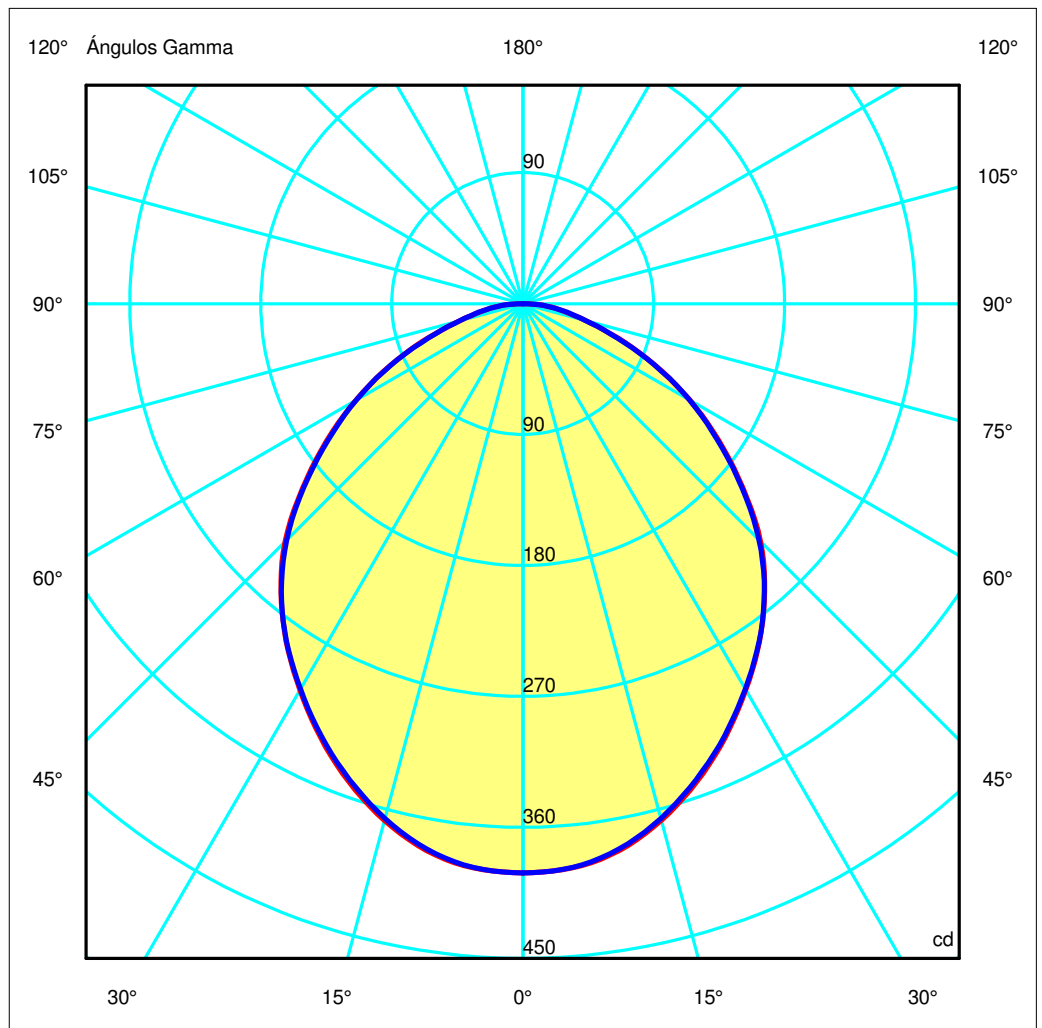
Code CL041A17F006G
Name DJEMBE C 42.21

Luminaire Flux	954.76 lm	Luminaire Power	15.73 W	Efficacy	60.70 lm/W	Efficiency	100.00%
Lamps Flux	954.76 lm	Maximum value	391.21 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area	Diam. 420 mm Diam. 410 mm	Height	210 mm	Height	0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.132025 m2 0.000000 m2 0.000000 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°				0.000000 m2 0.000000 m2 0.031940 m2	
Coordinate system Date Measurement Distance	CG 22-11-2017 6.44	Symmetry Type Maximum Gamma Angle Measurement Flux				Double Symmetrical 90 954.76 lm	
Operator Temperature Humidity Notes	Asselum T2 RM1711108013	Source Voltage [V] Source current [A] Photocell				230.07 V 0.07 A Prc	

Line	Code LED	Luminaire Lamps		Flux [lm] 954.76	Pow. [W] 15.73	Q.ty 1
		Name LED				
C.I.E. F UTE	52 83 97 100 100 1.00 D	D DIN 5040 B NBN	A40 BZ 4			



ULOR 0.00 %
DLOR 100.00 %
RN 0.00 %



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Luminous Intensity Table cd Table 1/1

	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00
G 0.0	391.21	391.21	391.21	391.21	391.21	391.21	391.21
G 5.0	389.31	389.09	389.21	388.97	389.09	388.87	389.00
G 10.0	381.63	381.53	381.20	381.09	380.81	380.58	380.51
G 15.0	367.67	366.83	367.39	366.63	366.62	366.26	366.31
G 20.0	349.67	349.77	348.34	348.92	348.54	348.16	348.15
G 25.0	328.99	328.07	328.96	327.92	328.10	327.46	327.89
G 30.0	306.55	306.77	305.86	306.15	306.22	305.63	305.73
G 35.0	283.52	282.77	283.57	282.87	283.17	282.76	283.21
G 40.0	258.61	258.89	257.58	258.55	258.28	258.48	258.19
G 45.0	231.05	229.56	230.67	229.60	230.27	229.02	229.53
G 50.0	197.73	197.68	196.39	196.95	197.26	196.06	196.59
G 55.0	164.69	161.59	164.21	162.77	163.54	162.79	163.39
G 60.0	132.36	132.35	131.25	131.78	131.84	131.73	132.12
G 65.0	100.56	98.13	100.55	99.19	100.03	99.17	99.93
G 70.0	70.00	69.59	68.35	69.44	69.53	68.93	69.11
G 75.0	43.93	42.31	44.45	43.16	44.51	43.52	44.54
G 80.0	27.40	27.22	27.00	27.48	28.00	27.85	28.13
G 85.0	14.36	13.26	14.46	13.91	14.60	14.15	14.47
G 90.0	1.07	0.99	0.99	0.98	0.96	0.95	0.96

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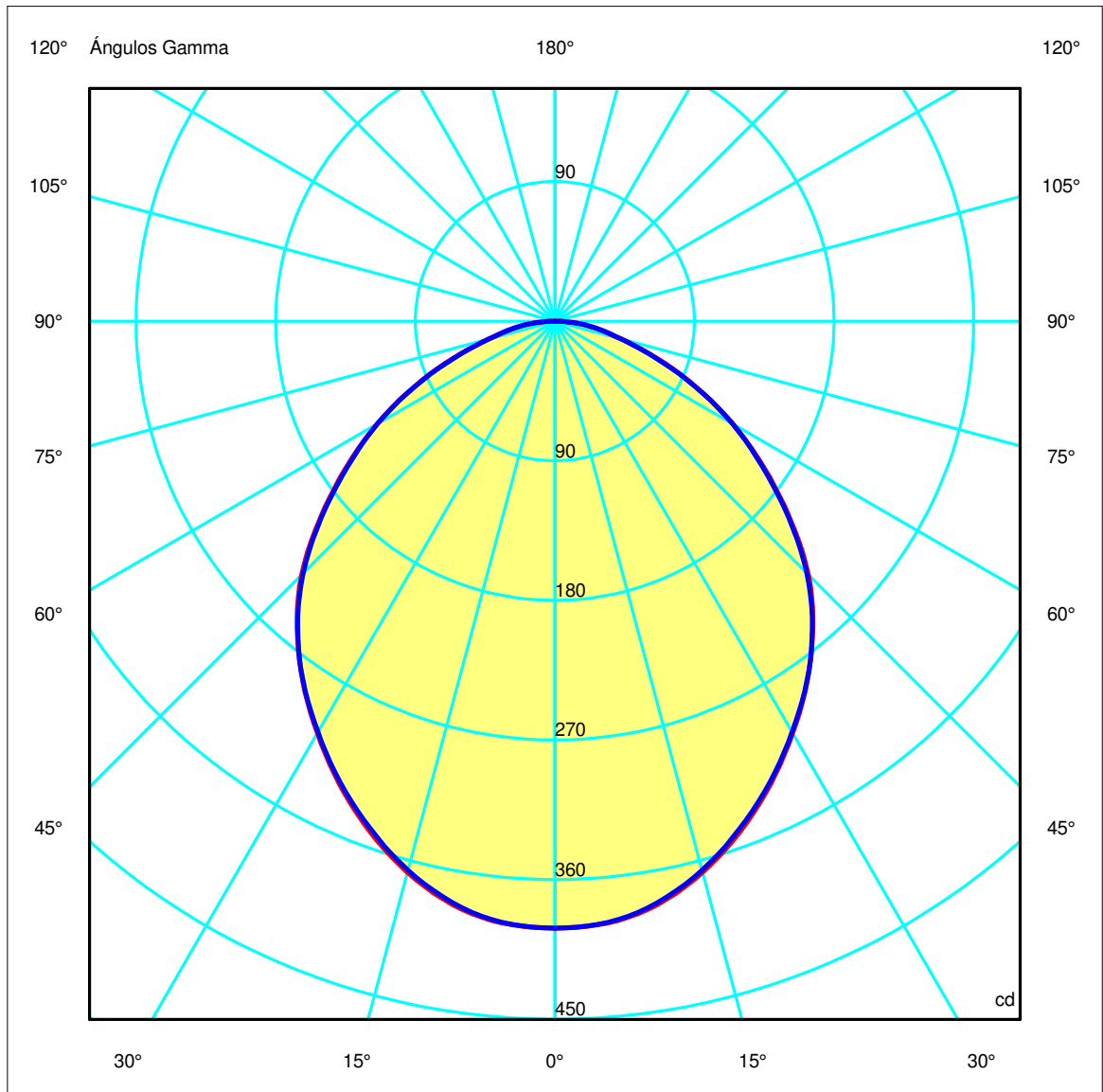
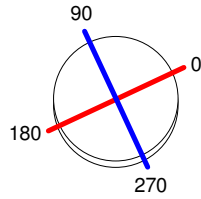
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Lamps Flux	954.76 lm	Maximum value	391.21 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

Diam=420mm

Semiplanos C

180.0  0.0
270.0  90.0



Luminaire

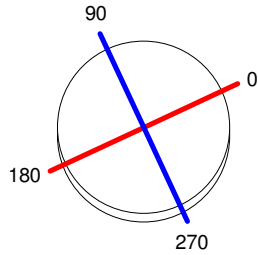
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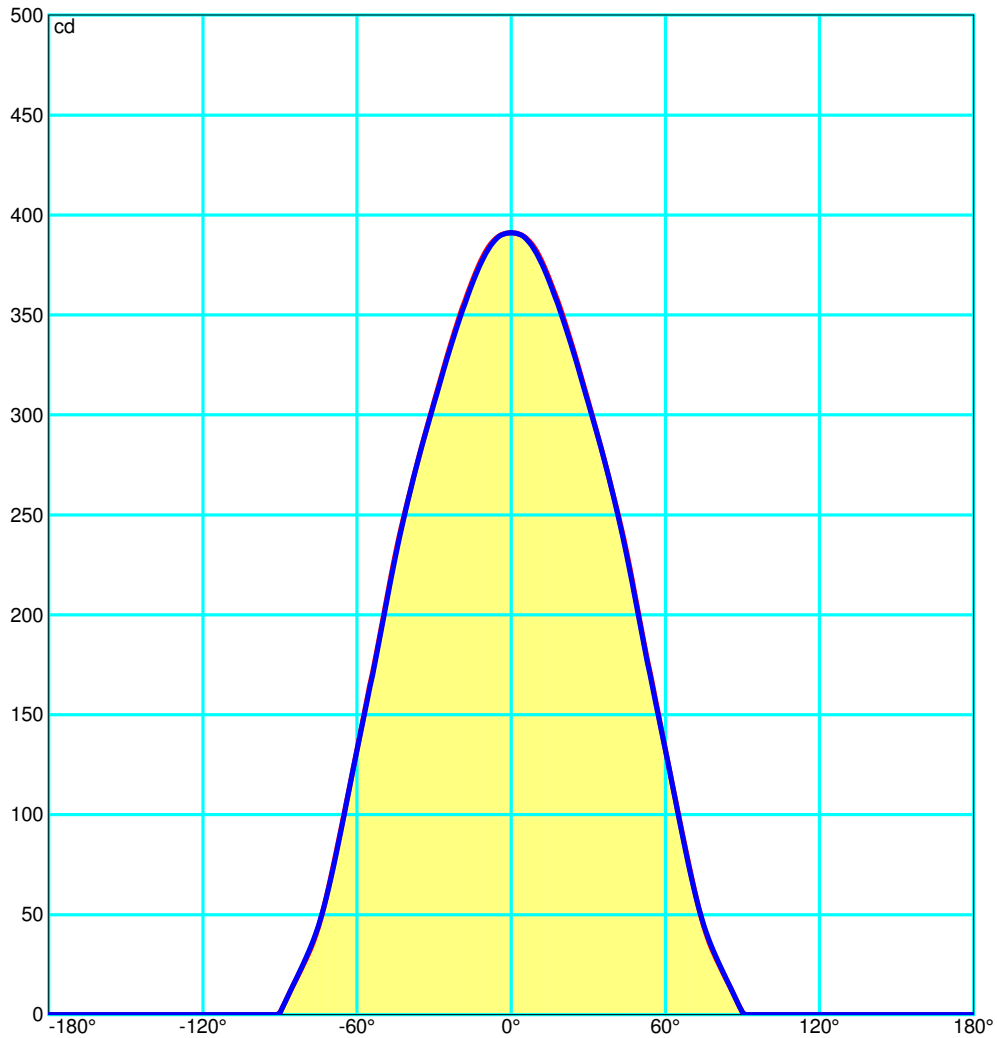
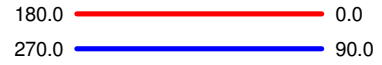
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Diam=420mm



Semiplanos C



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Measurement

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Luminaire Flux	954.76 lm	Luminaire Power	15.73 W	Efficacy	60.70 lm/W	Efficiency	100.00%
Lamps Flux	954.76 lm	Maximum value	391.21 cd	Position	C=0.00 G=0.00	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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	15.0	16.2	15.2	16.4	16.7	15.0	16.2	15.2	16.4	16.7
x=2H y=3H	16.1	17.3	16.5	17.5	17.8	16.1	17.3	16.4	17.5	17.8
x=2H y=4H	16.5	17.6	16.9	17.9	18.2	16.5	17.6	16.9	17.9	18.2
x=2H y=6H	16.8	17.8	17.2	18.1	18.4	16.9	17.8	17.2	18.1	18.5
x=2H y=8H	16.9	17.9	17.3	18.2	18.5	17.0	17.9	17.3	18.3	18.6
x=2H y=12H	17.0	18.0	17.4	18.3	18.6	17.1	18.0	17.5	18.3	18.7
x=4H y=2H	15.6	16.7	15.9	16.9	17.2	15.6	16.7	15.9	16.9	17.2
x=4H y=3H	16.9	17.8	17.3	18.2	18.5	16.9	17.8	17.3	18.2	18.5
x=4H y=4H	17.4	18.2	17.8	18.6	18.9	17.4	18.2	17.8	18.6	18.9
x=4H y=6H	17.8	18.5	18.2	18.9	19.3	17.9	18.6	18.3	18.9	19.3
x=4H y=8H	18.0	18.6	18.4	19.0	19.4	18.1	18.7	18.5	19.1	19.5
x=4H y=12H	18.2	18.7	18.6	19.1	19.6	18.2	18.8	18.6	19.2	19.6
x=8H y=4H	17.6	18.3	18.1	18.7	19.1	17.7	18.3	18.1	18.7	19.1
x=8H y=6H	18.2	18.7	18.6	19.1	19.6	18.2	18.7	18.7	19.2	19.6
x=8H y=8H	18.4	18.9	18.9	19.4	19.8	18.5	19.0	19.0	19.4	19.9
x=8H y=12H	18.7	19.1	19.2	19.5	20.0	18.7	19.1	19.2	19.6	20.1
x=12H y=4H	17.7	18.2	18.1	18.6	19.1	17.7	18.2	18.1	18.7	19.1
x=12H y=6H	18.2	18.7	18.7	19.2	19.6	18.3	18.7	18.8	19.2	19.7
x=12H y=8H	18.5	18.9	19.0	19.4	19.9	18.6	19.0	19.1	19.5	19.9

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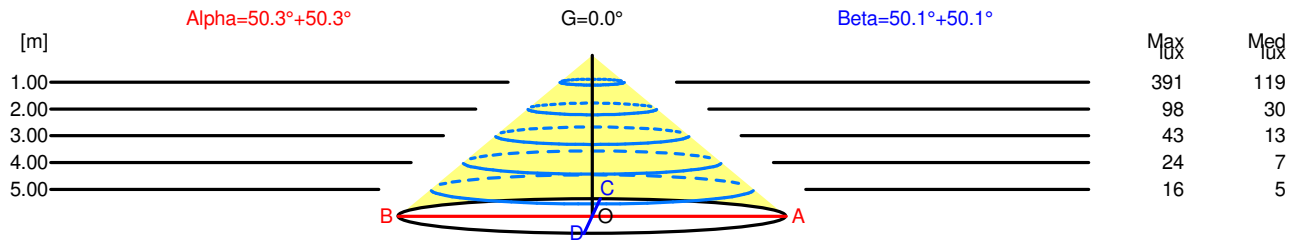
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Lamps Flux	954.76 lm	Maximum value	391.21 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.21	2.41	3.62	4.82	6.03	OC	1.20	2.40	3.59	4.79	5.99
OB	1.21	2.41	3.62	4.82	6.03	OD	1.20	2.40	3.59	4.79	5.99

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	391.21	389.31	367.67	328.99	283.52	231.05	164.69	100.56	43.93	14.36
OB	391.21	389.31	367.67	328.99	283.52	231.05	164.69	100.56	43.93	14.36
OC	391.21	389.00	366.31	327.89	283.21	229.53	163.39	99.93	44.54	14.47
OD	391.21	389.00	366.31	327.89	283.21	229.53	163.39	99.93	44.54	14.47



H[m]	D[m]	Max lux	Med lux	Alpha=50.3°+50.3°	G=0.0
1.00	2.41	391	119		
2.00	4.82	98	30		
3.00	7.23	43	13		
4.00	9.64	24	7		
5.00	12.05	16	5		

H[m]	D[m]	Max lux	Med lux	Beta=50.1°+50.1°	G=0.0
1.00	2.40	391	119		
2.00	4.79	98	30		
3.00	7.19	43	13		
4.00	9.58	24	7		
5.00	11.98	16	5		

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Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=2.50m

