

Luminaire

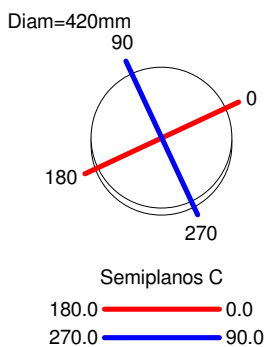
Code A681-108
Name DJEMBE C 42.28

Measur.

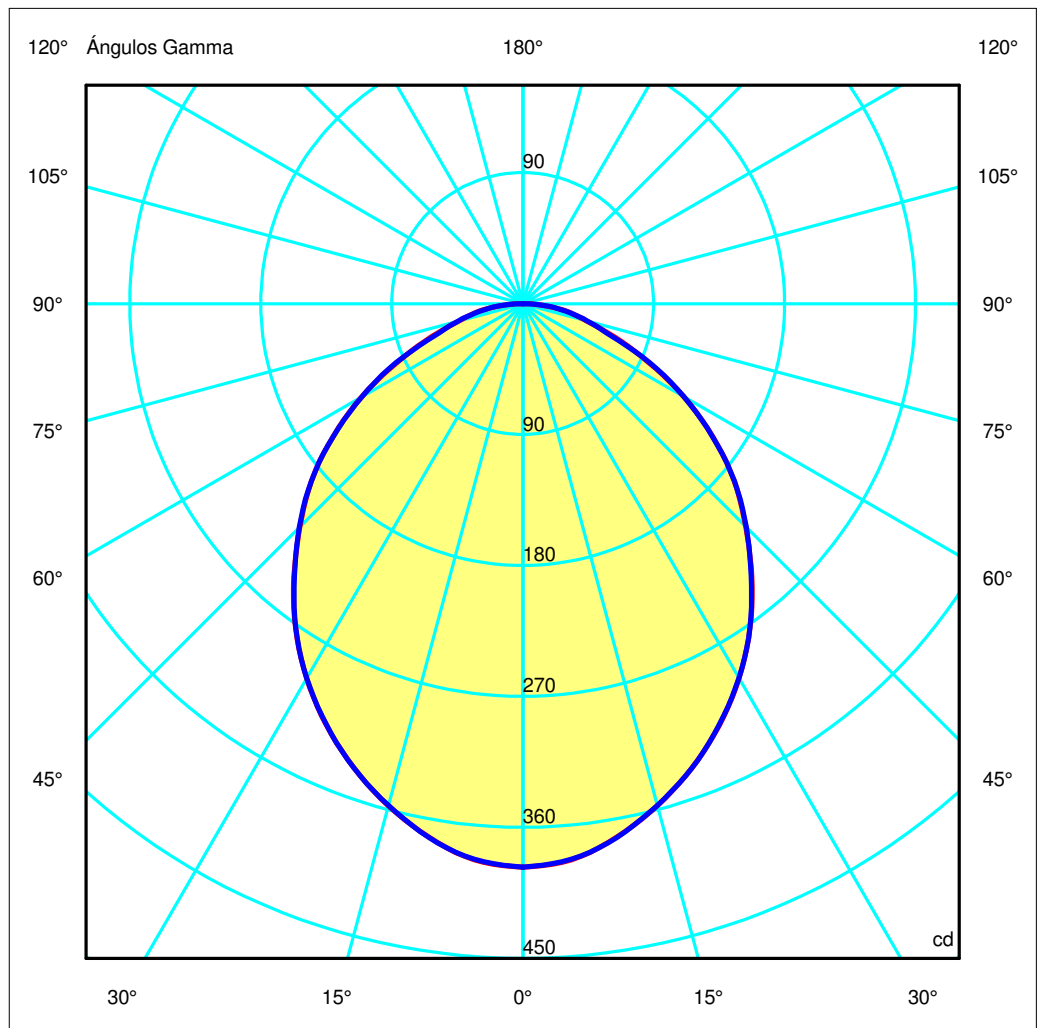
Code CL041A17F008G
Name DJEMBE C 42.28

Luminaire Flux	925.18 lm	Luminaire Power	15.96 W	Efficacy	57.97 lm/W	Efficiency	100.00%
Lamps Flux	925.18 lm	Maximum value	387.21 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	420 mm 410 mm	Height Height	280 mm 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 23-11-2017 6.44		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 90 925.18 lm	
Operator Temperature Humidity Notes		Asselum T2 RM1711108015		Source Voltage [V] Source current [A] Photocell		230.10 V 0.07 A Prc	

Line	Code LED	Luminaire Lamps			Flux [lm] 925.18	Pow. [W] 15.96	Q.ty 1
		Name LED					
C.I.E. F UTE	52 83 96 100 100 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	387.21	387.21	387.21	387.21	387.21	387.21	387.21
G 5.0	383.68	383.68	383.44	383.62	383.23	383.61	383.27
G 10.0	372.25	372.10	372.40	372.12	372.34	371.97	372.41
G 15.0	357.27	357.10	357.19	356.65	356.69	356.84	356.98
G 20.0	339.56	339.47	339.56	339.12	339.73	339.17	339.62
G 25.0	319.58	319.22	319.40	318.70	318.36	318.99	319.34
G 30.0	297.14	296.68	296.97	296.59	296.80	296.65	297.06
G 35.0	272.21	272.26	272.03	271.39	271.13	272.00	272.08
G 40.0	244.76	245.33	244.42	244.67	244.88	244.50	244.20
G 45.0	216.61	217.35	217.16	216.33	215.91	217.10	217.22
G 50.0	189.69	189.76	189.74	189.68	189.41	189.60	189.82
G 55.0	159.28	160.08	159.38	158.84	156.93	159.99	159.20
G 60.0	127.66	128.20	127.50	127.79	127.84	127.73	127.49
G 65.0	95.32	95.75	95.57	95.01	93.16	96.01	96.19
G 70.0	67.31	66.80	67.09	66.63	66.71	66.26	64.95
G 75.0	44.67	45.71	45.59	44.92	44.63	45.73	45.92
G 80.0	31.11	31.11	30.44	31.14	31.24	30.94	29.91
G 85.0	14.21	15.51	15.32	14.59	14.15	15.35	15.56
G 90.0	1.45	1.05	1.03	1.03	1.01	1.01	0.99

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Measurem.

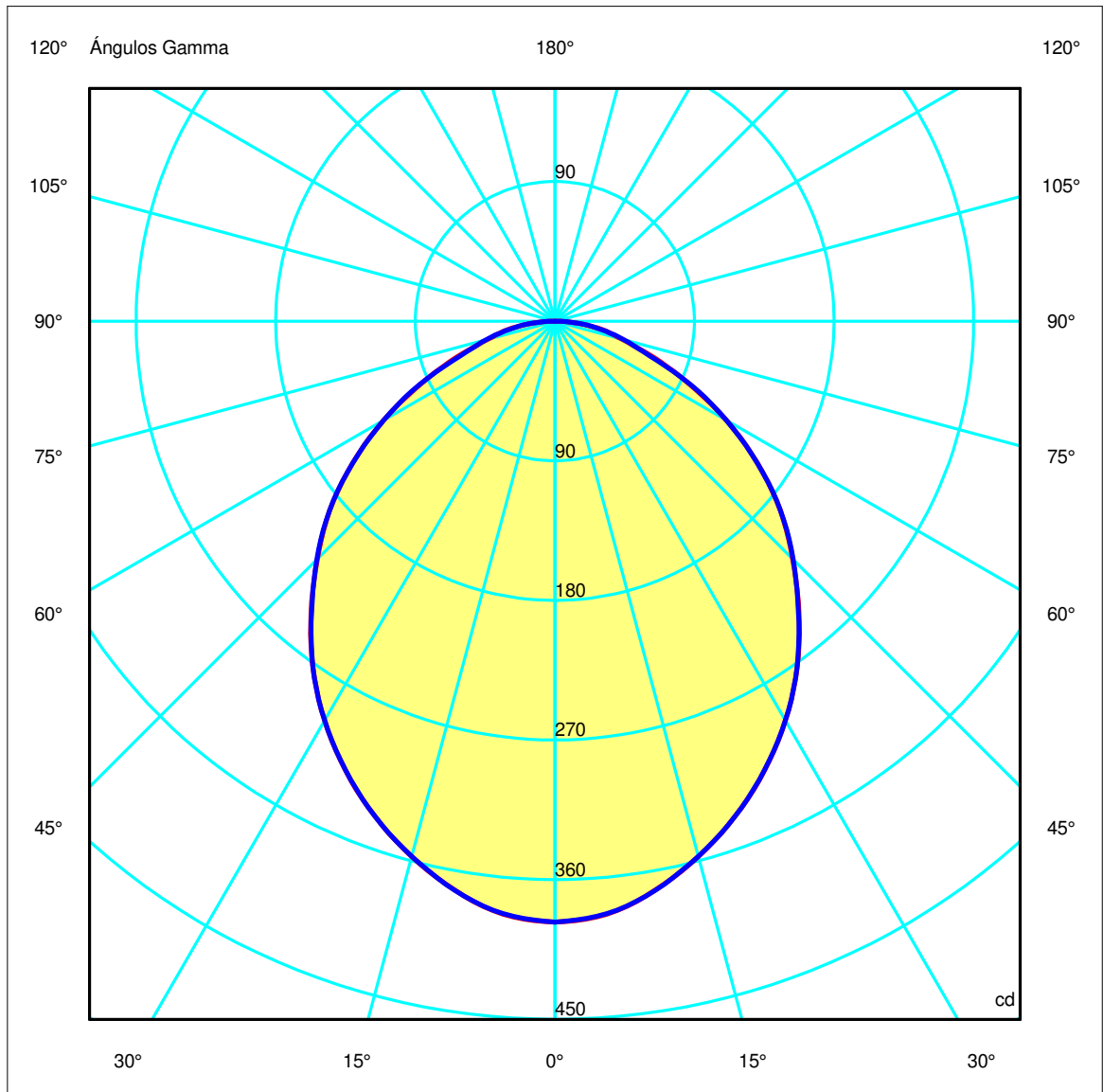
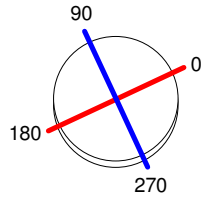
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Diam=420mm

Semiplanos C

180.0  0.0
270.0  90.0



Luminaire

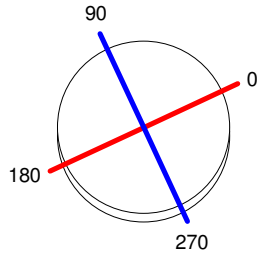
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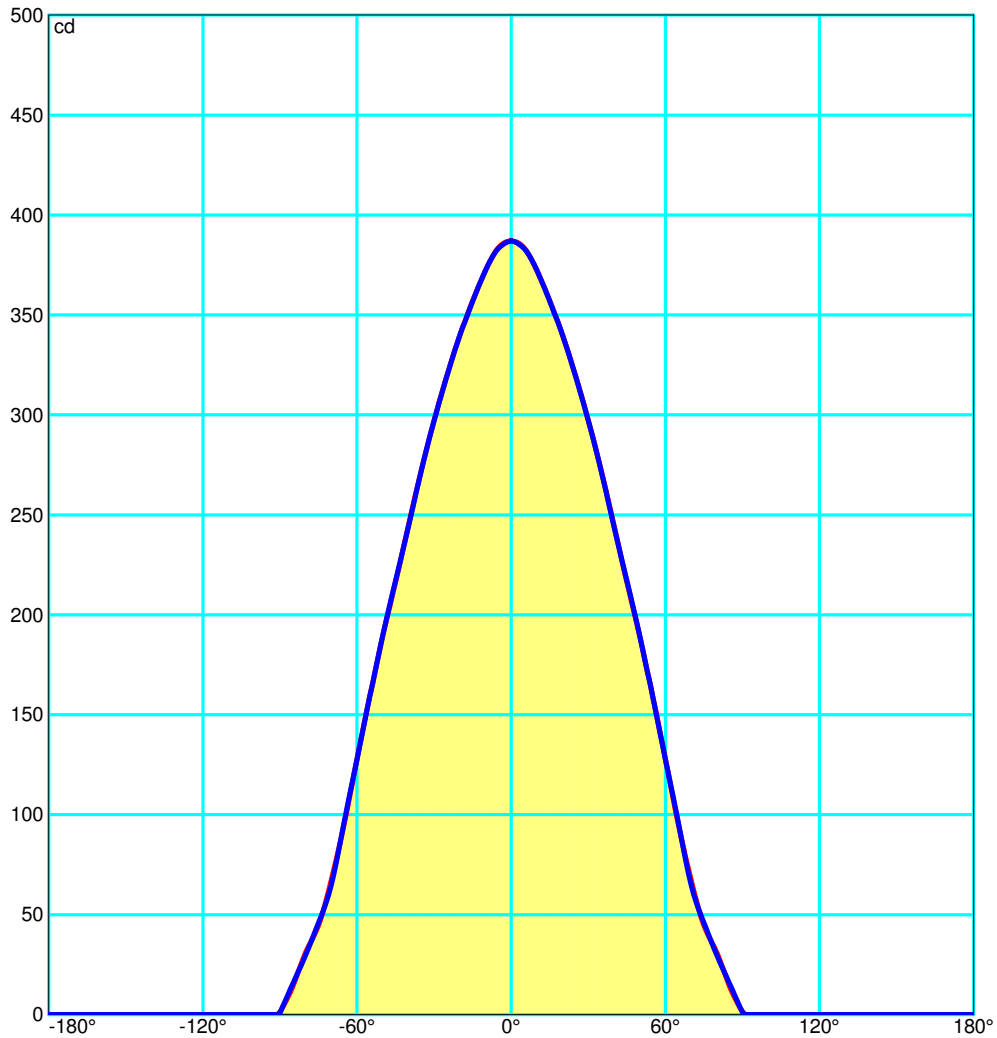
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Diam=420mm



Semiplanos C



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Measurement

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Lamps Flux	925.18 lm	Maximum value	387.21 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	14.8	16.1	15.1	16.3	16.5	14.8	16.1	15.1	16.3	16.5
x=2H y=3H	16.0	17.1	16.3	17.4	17.7	16.0	17.1	16.3	17.4	17.6
x=2H y=4H	16.5	17.5	16.8	17.8	18.1	16.4	17.5	16.8	17.8	18.1
x=2H y=6H	16.9	17.9	17.2	18.2	18.5	16.8	17.8	17.2	18.1	18.4
x=2H y=8H	17.0	18.0	17.4	18.3	18.6	17.0	18.0	17.4	18.3	18.6
x=2H y=12H	17.2	18.1	17.5	18.4	18.7	17.1	18.1	17.5	18.4	18.7
x=4H y=2H	15.4	16.5	15.8	16.8	17.1	15.4	16.5	15.8	16.8	17.1
x=4H y=3H	16.8	17.7	17.2	18.0	18.4	16.8	17.7	17.1	18.0	18.3
x=4H y=4H	17.4	18.2	17.8	18.5	18.9	17.3	18.1	17.7	18.5	18.9
x=4H y=6H	17.9	18.6	18.3	19.0	19.4	17.9	18.6	18.3	19.0	19.4
x=4H y=8H	18.1	18.8	18.6	19.2	19.6	18.1	18.8	18.6	19.1	19.6
x=4H y=12H	18.3	18.9	18.8	19.3	19.8	18.3	18.9	18.8	19.3	19.7
x=8H y=4H	17.6	18.3	18.1	18.7	19.1	17.6	18.3	18.0	18.6	19.0
x=8H y=6H	18.3	18.9	18.8	19.3	19.7	18.3	18.8	18.8	19.3	19.7
x=8H y=8H	18.7	19.1	19.1	19.6	20.0	18.6	19.1	19.1	19.6	20.0
x=8H y=12H	18.9	19.3	19.4	19.8	20.3	18.9	19.3	19.4	19.8	20.3
x=12H y=4H	17.7	18.2	18.1	18.7	19.1	17.6	18.2	18.1	18.6	19.1
x=12H y=6H	18.4	18.9	18.9	19.3	19.8	18.4	18.9	18.9	19.3	19.8
x=12H y=8H	18.8	19.2	19.3	19.7	20.1	18.8	19.2	19.3	19.6	20.1

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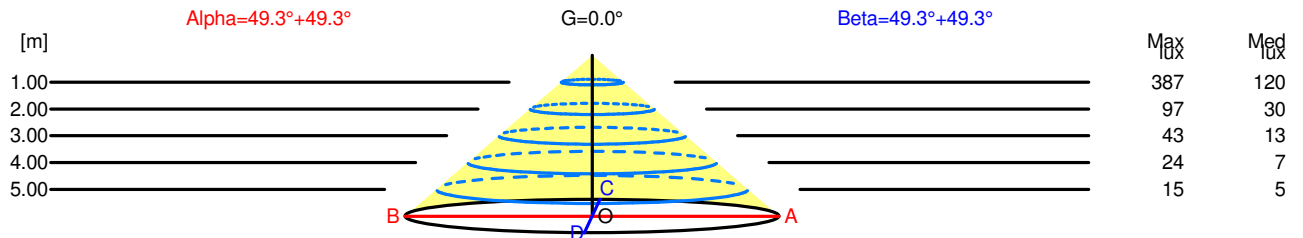
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Width at 50.00 % of Max Intensity

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	1.16	2.32	3.49	4.65	5.81	OC	1.16	2.33	3.49	4.66	5.82
OB	1.16	2.32	3.49	4.65	5.81	OD	1.16	2.33	3.49	4.66	5.82

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	387.21	383.68	357.27	319.58	272.21	216.61	159.28	95.32	44.67	14.21
OB	387.21	383.68	357.27	319.58	272.21	216.61	159.28	95.32	44.67	14.21
OC	387.21	383.27	356.98	319.34	272.08	217.22	159.20	96.19	45.92	15.56
OD	387.21	383.27	356.98	319.34	272.08	217.22	159.20	96.19	45.92	15.56



H[m]	D[m]	Max lux	Med lux	Alpha=49.3°+49.3°	G=0.0	
1.00	2.32	387	120			
2.00	4.65	97	30			
3.00	6.97	43	13			
4.00	9.30	24	7			
5.00	11.62	15	5			

H[m]	D[m]	Max lux	Med lux	Beta=49.3°+49.3°	G=0.0	
1.00	2.33	387	120			
2.00	4.66	97	30			
3.00	6.98	43	13			
4.00	9.31	24	7			
5.00	11.64	15	5			

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Isolux (Floor)

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

