

## Luminaire

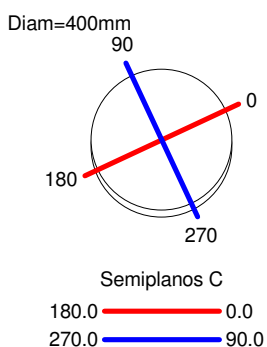
Code 0681-100  
Name DJEMBE C 42.13

## Measurerm.

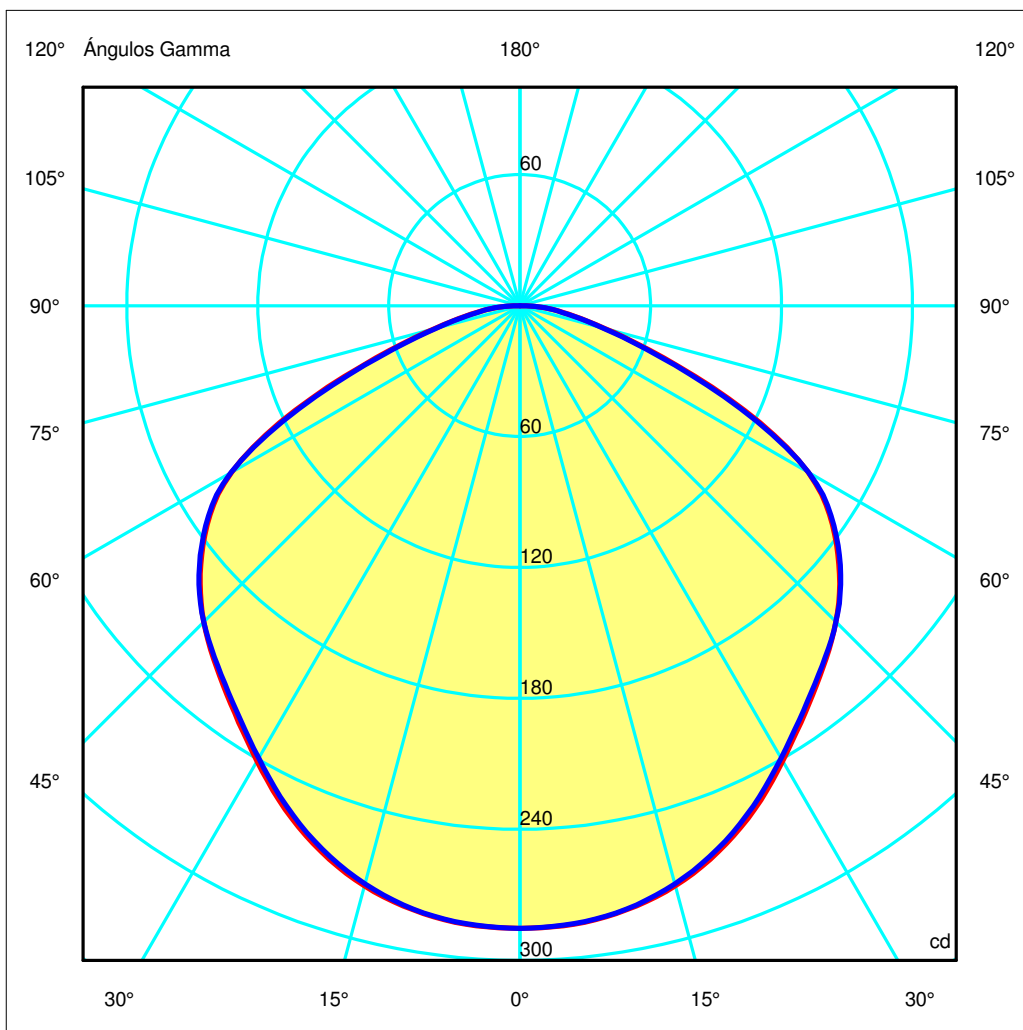
Code CL041A17F011G  
Name DJEMBE C 42.13

Luminaire Flux	845.69 lm	Luminaire Power	16.14 W	Efficacy	52.40 lm/W	Efficiency	100.00%
Lamps Flux	845.69 lm	Maximum value	285.33 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical
Round Luminaire Round Luminous Area		Diam. Diam.	400 mm 390 mm	Height Height	130 mm 0 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°		0.119459 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 0.028900 m2	
Coordinate system Date Measurement Distance		CG 23-11-2017 6.44		Symmetry Type Maximum Gamma Angle Measurement Flux		Double Symmetrical 90 845.69 lm	
Operator Temperature Humidity Notes		Asselum T2  RM1711108014		Source Voltage [V] Source current [A] Photocell		230.09 V 0.07 A Prc	

Line	Code LED	Luminaire Lamps Name LED	Flux [lm] 845.69	Pow. [W] 16.14	Q.ty 1
C.I.E. F UTE	46 80 97 100 100 1.00 F	D DIN 5040 B NBN	A30 BZ 5 / 1.25 / BZ 4		



ULOR 0.00 %  
DLOR100.00 %  
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	285.33	285.33	285.33	285.33	285.33	285.33	285.33
G 5.0	284.48	284.40	284.38	284.31	284.27	284.33	284.24
G 10.0	281.11	281.33	281.08	281.12	280.80	281.03	280.76
G 15.0	275.24	275.23	274.98	275.04	274.53	274.91	274.28
G 20.0	266.15	266.37	265.98	265.68	265.19	265.56	264.86
G 25.0	254.59	254.31	254.24	254.07	253.40	253.73	253.01
G 30.0	240.88	240.77	240.49	239.93	239.57	239.81	239.36
G 35.0	227.84	227.65	227.59	227.62	226.99	227.36	226.53
G 40.0	216.21	216.32	216.10	216.05	215.85	216.41	215.39
G 45.0	204.84	204.65	204.95	205.41	205.03	205.43	204.89
G 50.0	191.16	191.36	191.66	191.34	191.91	191.90	191.93
G 55.0	174.80	174.11	175.24	174.98	175.64	175.10	175.67
G 60.0	152.42	152.71	152.45	151.10	152.56	151.63	152.82
G 65.0	113.66	110.92	113.15	111.99	112.20	111.09	111.56
G 70.0	70.26	69.41	69.00	68.16	67.96	69.58	68.26
G 75.0	40.35	39.59	40.01	40.94	39.72	41.07	39.24
G 80.0	22.75	22.35	22.41	22.05	22.28	22.86	22.15
G 85.0	11.33	10.90	11.28	11.67	11.37	11.67	11.40
G 90.0	0.92	0.77	0.72	0.68	0.63	0.61	0.59

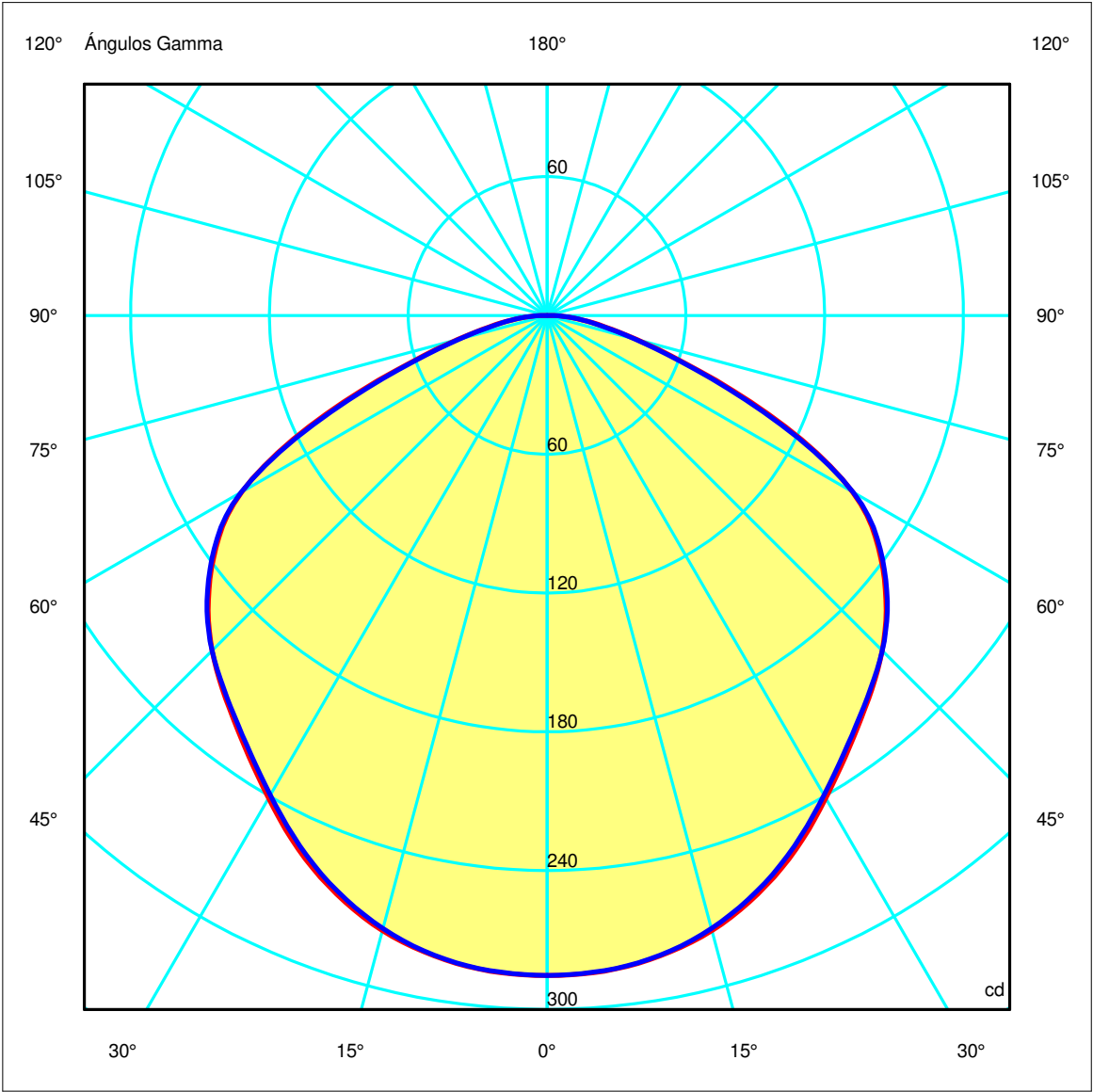
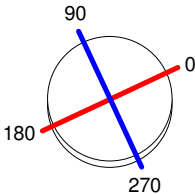
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**Measur.**  
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Diam=400mm

Semiplanos C

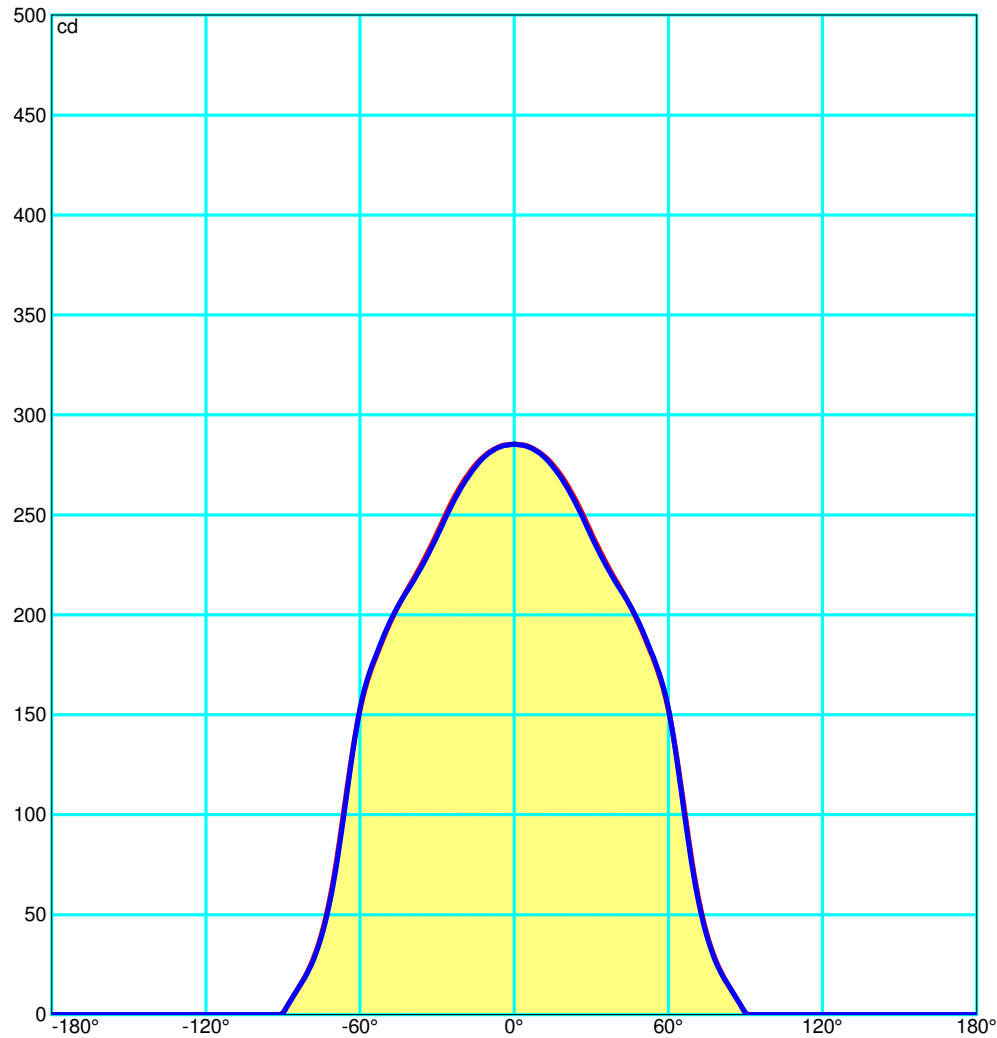
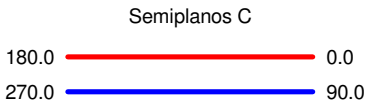
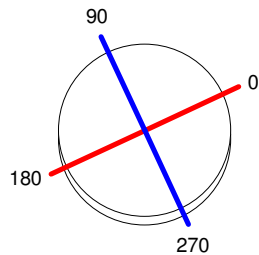
180.0 — 0.0  
270.0 — 90.0



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Lamps Flux	845.69 lm	Maximum value	285.33 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	16.0	17.4	16.3	17.6	17.9	16.0	17.4	16.3	17.6	17.9
x=2H y=3H	17.2	18.5	17.6	18.7	19.0	17.2	18.4	17.6	18.7	19.0
x=2H y=4H	17.5	18.7	17.9	19.0	19.2	17.5	18.7	17.9	19.0	19.2
x=2H y=6H	17.7	18.8	18.1	19.1	19.4	17.7	18.8	18.1	19.1	19.4
x=2H y=8H	17.8	18.8	18.1	19.1	19.4	17.8	18.8	18.1	19.1	19.4
x=2H y=12H	17.8	18.8	18.2	19.1	19.5	17.8	18.8	18.2	19.1	19.5
x=4H y=2H	16.8	17.9	17.1	18.2	18.5	16.8	17.9	17.1	18.2	18.5
x=4H y=3H	18.0	19.0	18.4	19.3	19.7	18.0	19.0	18.4	19.3	19.7
x=4H y=4H	18.4	19.3	18.8	19.6	20.0	18.4	19.3	18.8	19.6	20.0
x=4H y=6H	18.7	19.4	19.1	19.8	20.2	18.7	19.4	19.1	19.8	20.2
x=4H y=8H	18.8	19.5	19.2	19.9	20.3	18.8	19.5	19.2	19.9	20.3
x=4H y=12H	18.9	19.5	19.3	19.9	20.3	18.9	19.5	19.3	19.9	20.3
x=8H y=4H	18.6	19.3	19.0	19.7	20.1	18.6	19.3	19.0	19.7	20.1
x=8H y=6H	18.9	19.5	19.4	19.9	20.4	18.9	19.5	19.4	19.9	20.4
x=8H y=8H	19.1	19.6	19.6	20.0	20.5	19.1	19.6	19.6	20.0	20.5
x=8H y=12H	19.2	19.6	19.7	20.1	20.6	19.2	19.7	19.7	20.1	20.6
x=12H y=4H	18.6	19.2	19.0	19.6	20.0	18.6	19.2	19.0	19.6	20.0
x=12H y=6H	19.0	19.5	19.4	19.9	20.4	19.0	19.5	19.4	19.9	20.4
x=12H y=8H	19.1	19.6	19.6	20.0	20.5	19.1	19.6	19.6	20.0	20.5

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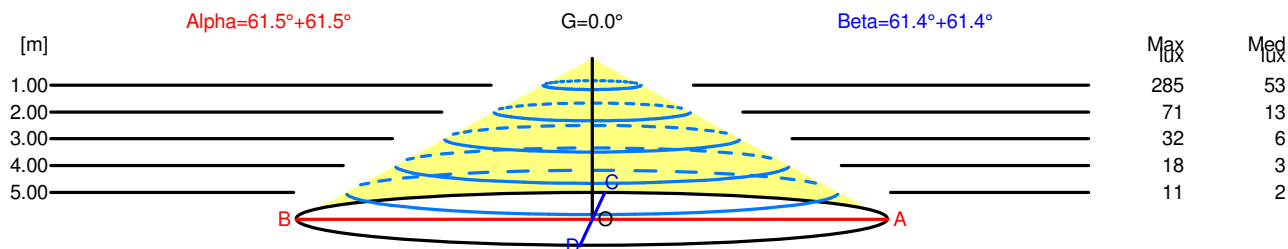
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Lamps Flux	845.69 lm	Maximum value	285.33 cd	Position	C=0.00 G=0.00	CG	Double Symmetrical

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	1.84	3.68	5.51	7.35	9.19	OC	1.84	3.67	5.51	7.34	9.18
OB	1.84	3.68	5.51	7.35	9.19	OD	1.84	3.67	5.51	7.34	9.18

Luminous Intensities [ cd ]

	0	5	15	25	35	45	55	65	75	85
OA	285.33	284.48	275.24	254.59	227.84	204.84	174.80	113.66	40.35	11.33
OB	285.33	284.48	275.24	254.59	227.84	204.84	174.80	113.66	40.35	11.33
OC	285.33	284.24	274.28	253.01	226.53	204.89	175.67	111.56	39.24	11.40
OD	285.33	284.24	274.28	253.01	226.53	204.89	175.67	111.56	39.24	11.40



H[m]	D[m]	Max lux	Med lux	Alpha=61.5°+61.5°	G=0.0	
1.00	3.68	285	53			
2.00	7.35	71	13			
3.00	11.03	32	6			
4.00	14.70	18	3			
5.00	18.38	11	2			

H[m]	D[m]	Max lux	Med lux	Beta=61.4°+61.4°	G=0.0	
1.00	3.67	285	53			
2.00	7.34	71	13			
3.00	11.01	32	6			
4.00	14.68	18	3			
5.00	18.35	11	2			

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Isolux (Floor)

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

