

## Luminaria

Código A706-004-35

Nombre Babila 28

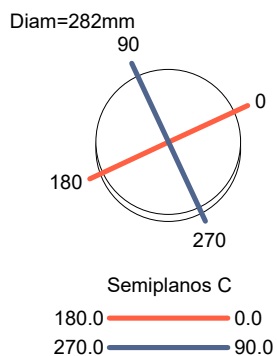
## Ensayo

Código CL041A21F008G

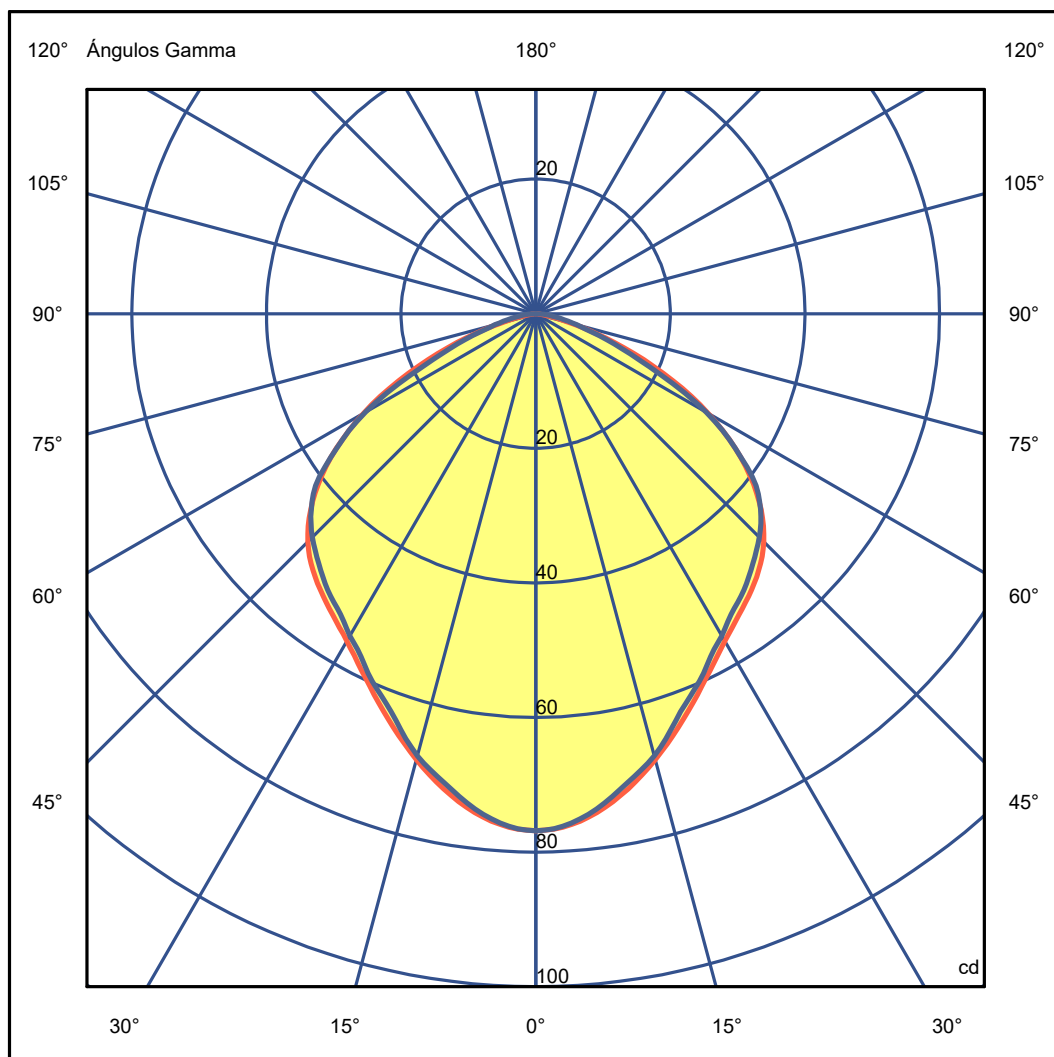
Nombre Babila 28

Flujo Luminaria	184.74 lm	Potencia Luminaria	7.53 W	Eficacia	24.52 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	184.74 lm	Valor Máximo	76.82 cd	Posición	C=0.00 G=0.00	CG	Asimétrico
Luminaria Redonda		Diam.	282 mm	Altura	115 mm		
Área Luminosa Redonda		Diam.	280 mm	Altura	0 mm		
Área Luminosa Horizontal		0.061575 m2		Área Emisión sobre Pl. 180°		0.000000 m2	
Área Emisión sobre Pl. 0°		0.000000 m2		Área Emisión sobre Pl. 270°		0.000000 m2	
Área Emisión sobre Pl. 90°		0.000000 m2		Área de deslumbramiento a 76°		0.014896 m2	
Sist. de Coorden.		CG		Tipo de Simetría		Asimétrico	
Fecha		15-02-2021		Máximo Ángulo Gamma		180	
Distancia de Ensayo		6.44		Flujo de Ensayo		184.74 lm	
Operador		Asselum T2		Tensión Nominal		230.28 V	
Temperatura		25.30 °C		Corriente Nominal		0.03 A	
Humedad		27.80 %		Fotocélula		Prc	
Notas		RM21020302.8					

Fuentes de luz de la Luminaria						
Familia	Código LED	Nombre LED	Flujo [lm]	Pot. [W]	Cant.	
			184.74	7.53	1	
C.I.E.	50 85 98 100 100					
F UTE	1.00 D					
		D DIN 5040 B NBN	A30 BZ 4			



ULOR 0.10 %  
DLOR 99.90 %  
RN 0.10 %



**Luminaria**

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**Ensayo**

Código CL041A21F008G

Nombre Babila 28

Flujo Luminaria	184.74 lm	Potencia Luminaria	7.53 W	Eficacia	24.52 lm/W	Eficiencia	100.00%						
Flujo Fuentes de luz	184.74 lm	Valor Máximo	76.82 cd	Posición	C=0.00 G=0.00	CG Asimétrico							
<div> <div>Tabla de Intensidad Luminosa cd</div> <div>Tabla 1/2</div> </div>													
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00	C 180.00
G 0.0	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82
G 2.5	76.51	76.51	76.49	76.47	76.45	76.43	76.43	76.43	76.45	76.47	76.49	76.51	76.51
G 5.0	75.66	75.64	75.60	75.51	75.42	75.36	75.35	75.36	75.42	75.51	75.60	75.64	75.66
G 7.5	74.34	74.35	74.25	74.06	73.91	73.81	73.78	73.81	73.91	74.06	74.25	74.35	74.34
G 10.0	72.66	72.72	72.51	72.24	72.00	71.85	71.81	71.85	72.00	72.24	72.51	72.72	72.66
G 12.5	70.70	70.80	70.50	70.20	70.00	69.94	69.95	69.94	70.00	70.20	70.50	70.80	70.70
G 15.0	68.57	68.68	68.32	68.13	67.97	67.96	67.98	67.96	67.97	68.13	68.32	68.68	68.57
G 17.5	66.34	66.42	66.12	65.98	65.74	65.59	65.51	65.59	65.74	65.98	66.12	66.42	66.34
G 20.0	64.10	64.10	63.93	63.68	63.38	63.11	62.91	63.11	63.38	63.68	63.93	64.10	64.10
G 22.5	61.89	61.79	61.73	61.37	61.30	61.00	60.89	61.00	61.30	61.37	61.73	61.79	61.89
G 25.0	59.79	59.59	59.58	59.28	59.40	59.05	58.93	59.05	59.40	59.28	59.58	59.59	59.79
G 27.5	57.86	57.57	57.56	57.50	57.45	57.00	56.80	57.00	57.45	57.50	57.56	57.57	57.86
G 30.0	56.16	55.78	55.75	55.79	55.58	55.34	55.24	55.34	55.58	55.79	55.75	55.78	56.16
G 32.5	54.72	54.28	54.18	54.12	54.03	53.86	53.55	53.86	54.03	54.12	54.18	54.28	54.72
G 35.0	53.47	53.02	52.85	52.63	52.77	52.38	52.30	52.38	52.77	52.62	52.85	53.02	53.47
G 37.5	52.27	51.87	51.68	51.33	51.48	51.14	51.12	51.14	51.47	51.33	51.68	51.87	52.27
G 40.0	51.02	50.71	50.54	50.17	50.07	49.92	49.71	49.92	50.07	50.17	50.55	50.71	51.02
G 42.5	49.60	49.40	49.32	49.03	48.74	48.63	48.35	48.63	48.74	49.03	49.32	49.40	49.60
G 45.0	47.89	47.80	47.85	47.71	47.43	47.14	46.93	47.14	47.43	47.71	47.86	47.80	47.89
G 47.5	45.79	45.77	45.97	46.00	45.74	45.02	45.35	45.02	45.74	46.01	45.97	45.77	45.79
G 50.0	43.29	43.27	43.48	43.80	43.52	42.76	43.39	42.76	43.52	43.80	43.48	43.27	43.29
G 52.5	40.41	40.33	40.34	40.97	40.68	40.25	40.92	40.25	40.68	40.97	40.33	40.32	40.41
G 55.0	37.15	36.98	36.66	37.43	37.28	37.08	37.22	37.08	37.29	37.43	36.65	36.98	37.15
G 57.5	33.54	33.29	32.59	33.22	33.39	32.86	33.46	32.86	33.39	33.21	32.58	33.29	33.54
G 60.0	29.57	29.32	28.30	28.59	28.96	28.12	29.20	28.12	28.96	28.58	28.29	29.32	29.57
G 62.5	25.30	25.15	23.96	23.79	24.00	23.38	23.95	23.37	24.00	23.78	23.96	25.15	25.30
G 65.0	20.88	20.91	19.78	19.11	18.86	18.94	18.66	18.94	18.85	19.10	19.79	20.92	20.88
G 67.5	16.53	16.78	15.90	14.87	14.25	14.86	14.48	14.86	14.24	14.87	15.92	16.80	16.53
G 70.0	12.43	12.92	12.41	11.34	10.52	11.08	11.22	11.08	10.51	11.36	12.45	12.94	12.43
G 72.5	8.78	9.48	9.38	8.55	7.67	8.16	8.23	8.16	7.66	8.59	9.42	9.50	8.78
G 75.0	5.79	6.60	6.85	6.41	5.60	6.24	6.31	6.24	5.61	6.46	6.88	6.61	5.79
G 77.5	3.58	4.42	4.85	4.80	4.19	4.80	4.61	4.80	4.21	4.83	4.84	4.40	3.59
G 80.0	2.09	2.87	3.37	3.56	3.20	3.51	3.36	3.51	3.23	3.54	3.29	2.81	2.10
G 82.5	1.16	1.82	2.29	2.58	2.42	2.42	2.40	2.42	2.42	2.47	2.15	1.73	1.17
G 85.0	0.66	1.14	1.50	1.78	1.72	1.60	1.61	1.60	1.64	1.61	1.34	1.04	0.67
G 87.5	0.44	0.71	0.91	1.09	1.07	0.98	0.96	0.97	0.95	0.93	0.78	0.64	0.44
G 90.0	0.36	0.40	0.42	0.45	0.44	0.46	0.43	0.46	0.44	0.45	0.42	0.40	0.36
G 92.5	0.28	0.32	0.32	0.32	0.26	0.12	0.00	0.11	0.15	0.35	0.34	0.25	0.29
G 95.0	0.21	0.23	0.22	0.20	0.10	0.00	0.00	0.00	0.03	0.24	0.26	0.14	0.22
G 97.5	0.14	0.15	0.13	0.09	0.00	0.00	0.00	0.00	0.00	0.13	0.18	0.07	0.15
G100.0	0.08	0.09	0.06	0.02	0.00	0.00	0.00	0.00	0.00	0.03	0.10	0.03	0.09
G102.5	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.01	0.04
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Luminaria**

Código A706-004-35

Nombre Babila 28

**Ensayo**

Código CL041A21F008G

Nombre Babila 28

Flujo Luminaria	184.74 lm	Potencia Luminaria		7.53 W		Eficacia		24.52 lm/W		Eficiencia		100.00%
Flujo Fuentes de luz	184.74 lm	Valor Máximo		76.82 cd		Posición		C=0.00 G=0.00		CG		Asimétrico
Tabla de Intensidad Luminosa cd												
Tabla 2/2												
	C 195.00	C 210.00	C 225.00	C 240.00	C 255.00	C 270.00	C 285.00	C 300.00	C 315.00	C 330.00	C 345.00	
G 0.0	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	76.82	
G 2.5	76.50	76.49	76.47	76.45	76.43	76.43	76.43	76.45	76.47	76.49	76.50	
G 5.0	75.64	75.60	75.51	75.42	75.36	75.35	75.36	75.42	75.51	75.60	75.64	
G 7.5	74.34	74.25	74.06	73.91	73.81	73.78	73.81	73.91	74.06	74.25	74.34	
G 10.0	72.72	72.51	72.24	72.00	71.85	71.81	71.85	72.00	72.24	72.51	72.72	
G 12.5	70.80	70.50	70.20	70.00	69.94	69.95	69.94	70.00	70.20	70.50	70.80	
G 15.0	68.68	68.32	68.13	67.97	67.96	67.98	67.96	67.97	68.13	68.32	68.68	
G 17.5	66.42	66.12	65.98	65.74	65.59	65.51	65.59	65.74	65.98	66.12	66.42	
G 20.0	64.10	63.93	63.68	63.38	63.11	62.91	63.11	63.38	63.68	63.93	64.10	
G 22.5	61.79	61.73	61.37	61.30	61.00	60.89	61.00	61.30	61.37	61.73	61.79	
G 25.0	59.59	59.58	59.28	59.40	59.05	58.93	59.05	59.40	59.28	59.58	59.59	
G 27.5	57.57	57.56	57.50	57.45	57.00	56.80	57.00	57.45	57.50	57.56	57.57	
G 30.0	55.78	55.75	55.79	55.58	55.34	55.24	55.34	55.58	55.79	55.75	55.78	
G 32.5	54.28	54.18	54.12	54.03	53.86	53.55	53.86	54.03	54.12	54.18	54.28	
G 35.0	53.02	52.85	52.62	52.77	52.38	52.30	52.38	52.77	52.63	52.85	53.02	
G 37.5	51.87	51.68	51.33	51.47	51.14	51.12	51.14	51.48	51.33	51.68	51.87	
G 40.0	50.71	50.55	50.17	50.07	49.92	49.71	49.92	50.07	50.17	50.54	50.71	
G 42.5	49.40	49.32	49.03	48.74	48.63	48.35	48.63	48.74	49.03	49.32	49.40	
G 45.0	47.80	47.86	47.71	47.43	47.14	46.93	47.14	47.43	47.71	47.85	47.80	
G 47.5	45.77	45.97	46.01	45.74	45.02	45.35	45.02	45.74	46.00	45.97	45.77	
G 50.0	43.27	43.48	43.80	43.52	42.76	43.39	42.76	43.52	43.80	43.48	43.27	
G 52.5	40.32	40.33	40.97	40.68	40.25	40.92	40.25	40.68	40.97	40.34	40.33	
G 55.0	36.98	36.65	37.43	37.29	37.08	37.22	37.08	37.28	37.43	36.66	36.98	
G 57.5	33.29	32.58	33.21	33.39	32.86	33.46	32.86	33.39	33.22	32.59	33.29	
G 60.0	29.32	28.29	28.58	28.96	28.12	29.20	28.12	28.96	28.59	28.30	29.32	
G 62.5	25.15	23.96	23.78	24.00	23.37	23.95	23.38	24.00	23.79	23.96	25.15	
G 65.0	20.92	19.79	19.10	18.85	18.94	18.66	18.94	18.86	19.11	19.78	20.91	
G 67.5	16.80	15.92	14.87	14.24	14.86	14.48	14.86	14.25	14.87	15.90	16.78	
G 70.0	12.94	12.45	11.36	10.51	11.08	11.22	11.08	10.52	11.34	12.41	12.92	
G 72.5	9.50	9.42	8.59	7.66	8.16	8.23	8.16	7.67	8.55	9.38	9.48	
G 75.0	6.61	6.88	6.46	5.61	6.24	6.31	6.24	5.60	6.41	6.85	6.60	
G 77.5	4.40	4.84	4.83	4.21	4.80	4.61	4.80	4.19	4.80	4.85	4.42	
G 80.0	2.81	3.29	3.54	3.23	3.51	3.36	3.51	3.20	3.56	3.37	2.87	
G 82.5	1.73	2.15	2.47	2.42	2.42	2.40	2.42	2.42	2.58	2.29	1.82	
G 85.0	1.04	1.34	1.61	1.64	1.60	1.61	1.60	1.72	1.78	1.50	1.14	
G 87.5	0.64	0.78	0.93	0.95	0.97	0.96	0.98	1.07	1.09	0.91	0.71	
G 90.0	0.40	0.42	0.45	0.44	0.46	0.43	0.46	0.44	0.45	0.42	0.40	
G 92.5	0.25	0.34	0.35	0.15	0.11	0.00	0.12	0.26	0.32	0.32	0.32	
G 95.0	0.14	0.26	0.24	0.03	0.00	0.00	0.00	0.10	0.20	0.22	0.23	
G 97.5	0.07	0.18	0.13	0.00	0.00	0.00	0.00	0.00	0.09	0.13	0.15	
G100.0	0.03	0.10	0.03	0.00	0.00	0.00	0.00	0.00	0.02	0.06	0.09	
G102.5	0.01	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.03	
G105.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G107.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G110.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G112.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G115.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G117.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G120.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G122.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G125.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G127.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G130.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G132.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G135.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G137.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G140.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G142.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G145.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G147.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G150.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G152.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G155.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G157.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G160.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G162.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G165.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G167.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G170.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G172.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G177.5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
G180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

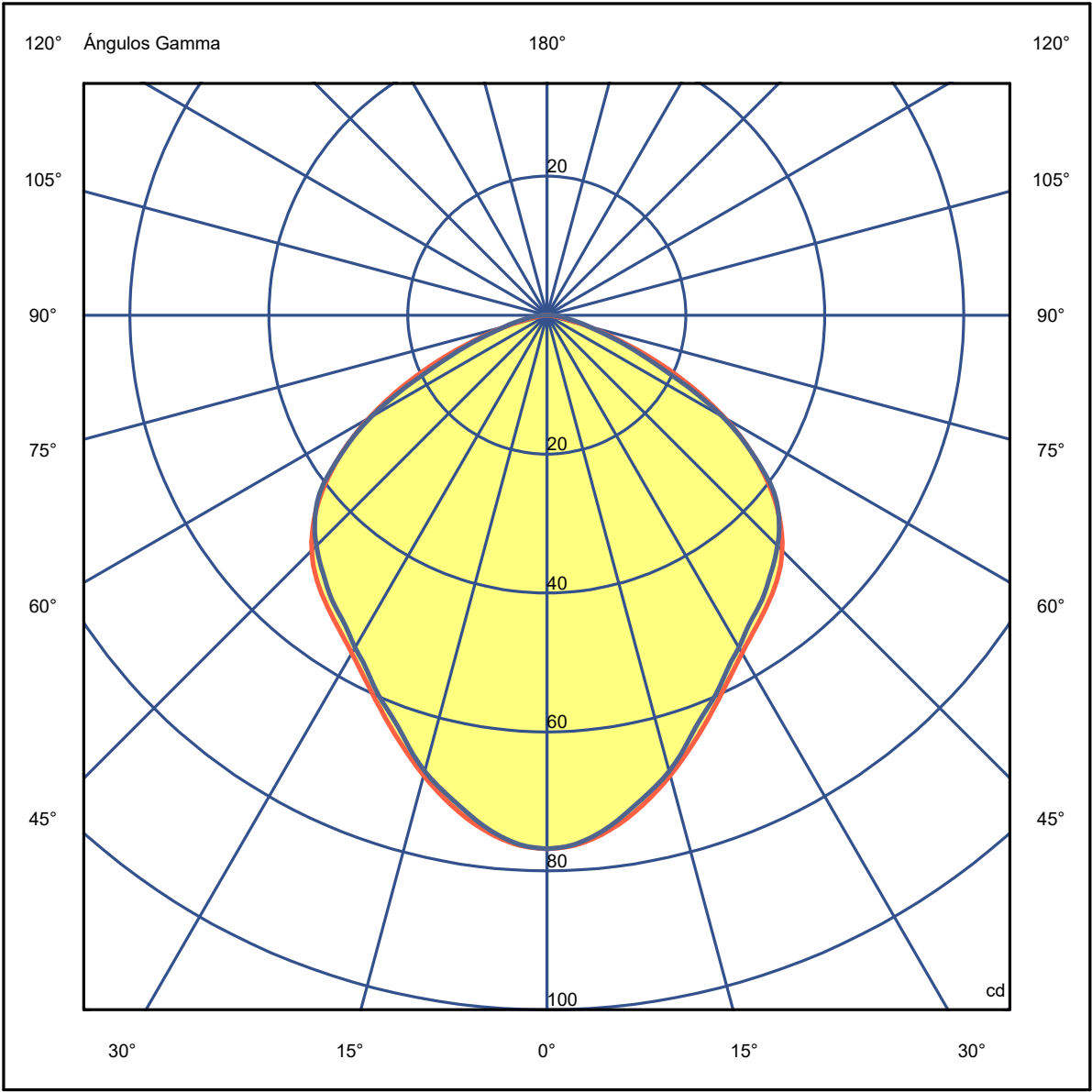
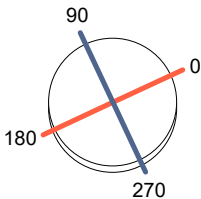
**Luminaria**  
Código A706-004-35  
Nombre Babila 28  
**Ensayo**  
Código CL041A21F008G  
Nombre Babila 28

Flujo Luminaria	184.74 lm	Potencia Luminaria	7.53 W	Eficacia	24.52 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	184.74 lm	Valor Máximo	76.82 cd	Posición	C=0.00 G=0.00	CG	Asimétrico

Diam=282mm

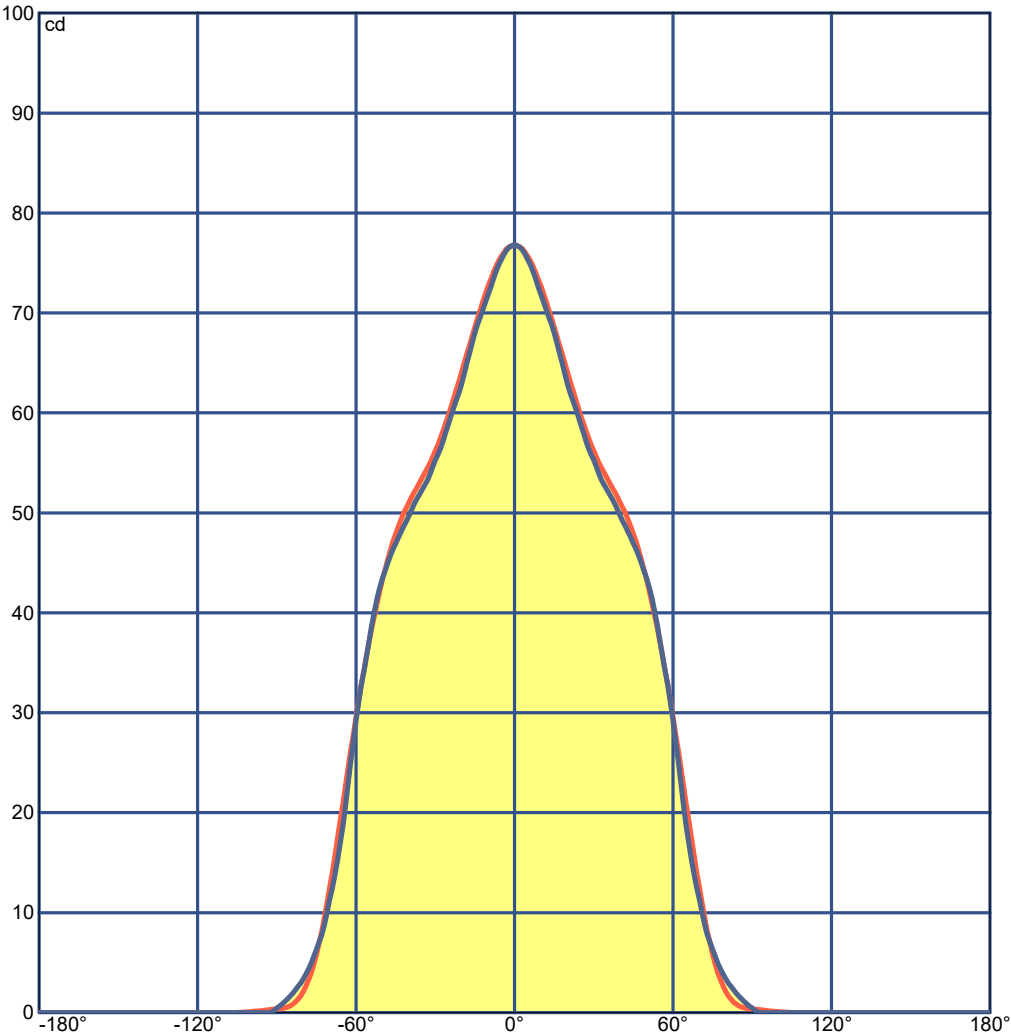
Semiplanos C

180.0 0.0  
270.0 90.0



**Luminaria**  
Código A706-004-35  
Nombre Babila 28  
**Ensayo**  
Código CL041A21F008G  
Nombre Babila 28

Flujo Luminaria	184.74 lm	Potencia Luminaria	7.53 W	Eficacia	24.52 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	184.74 lm	Valor Máximo	76.82 cd	Posición	C=0.00 G=0.00	CG	Asimétrico



## Luminaria

Código A706-004-35

Nombre Babila 28

## Ensayo

Código CL041A21F008G

Nombre Babila 28

Flujo Luminaria	184.74 lm	Potencia Luminaria	7.53 W	Eficacia	24.52 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	184.74 lm	Valor Máximo	76.82 cd	Posición	C=0.00 G=0.00	CG	Asimétrico

**UGR**  
S = 0.250

Reflectancias										
Techo/Cavidad	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
Paredes	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
PDT	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Dimensiones del Local						Vista Longitudinal				
Mista Lateral										
x=2H y=2H	12.9	14.1	13.2	14.4	14.6	12.8	14.1	13.1	14.3	14.5
x=2H y=3H	13.8	14.9	14.1	15.2	15.5	13.5	14.7	13.8	14.9	15.2
x=2H y=4H	14.0	15.0	14.3	15.3	15.6	13.7	14.8	14.0	15.0	15.3
x=2H y=6H	14.0	15.0	14.3	15.3	15.6	13.8	14.8	14.1	15.1	15.4
x=2H y=8H	13.9	14.9	14.3	15.2	15.5	13.8	14.7	14.1	15.1	15.4
x=2H y=12H	13.9	14.8	14.3	15.2	15.5	13.8	14.7	14.2	15.0	15.4
x=4H y=2H	13.3	14.4	13.7	14.7	15.0	13.2	14.3	13.6	14.6	14.9
x=4H y=3H	14.4	15.3	14.7	15.6	15.9	14.1	15.0	14.4	15.3	15.6
x=4H y=4H	14.6	15.4	15.0	15.8	16.1	14.3	15.1	14.7	15.4	15.8
x=4H y=6H	14.7	15.4	15.1	15.8	16.2	14.5	15.1	14.9	15.5	15.9
x=4H y=8H	14.7	15.3	15.1	15.7	16.1	14.5	15.1	14.9	15.5	15.9
x=4H y=12H	14.7	15.2	15.1	15.7	16.1	14.5	15.1	15.0	15.5	16.0
x=8H y=4H	14.7	15.3	15.1	15.7	16.1	14.4	15.0	14.8	15.4	15.8
x=8H y=6H	14.8	15.3	15.3	15.8	16.2	14.6	15.1	15.0	15.5	16.0
x=8H y=8H	14.8	15.3	15.3	15.7	16.2	14.7	15.1	15.2	15.6	16.1
x=8H y=12H	14.8	15.2	15.3	15.7	16.2	14.7	15.1	15.2	15.6	16.1
x=12H y=4H	14.8	15.4	15.2	15.8	16.2	14.5	15.0	14.9	15.5	15.9
x=12H y=6H	15.0	15.4	15.4	15.8	16.3	14.7	15.2	15.2	15.6	16.1
x=12H y=8H	15.0	15.4	15.5	15.8	16.3	14.8	15.2	15.3	15.7	16.2

## Luminaria

Código A706-004-35

Nombre Babila 28

## Ensayo

Código CL041A21F008G

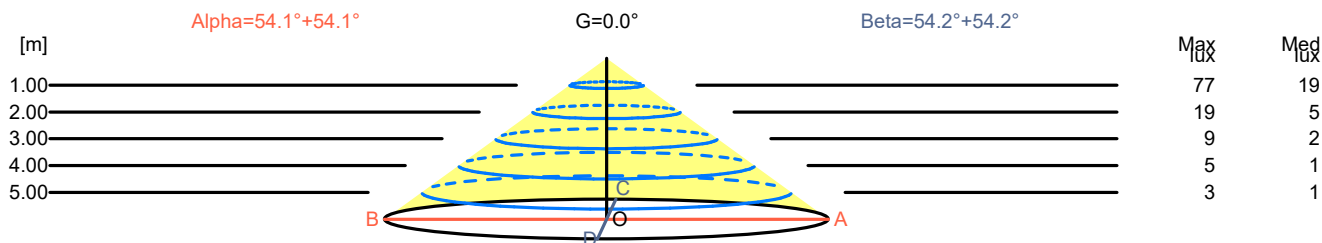
Nombre Babila 28

Flujo Luminaria	184.74 lm	Potencia Luminaria	7.53 W	Eficacia	24.52 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	184.74 lm	Valor Máximo	76.82 cd	Posición	C=0.00 G=0.00	CG	Asimétrico

### Apertura a 50.00 % de Max Intensidad

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	1.38	2.76	4.14	5.52	6.90	OC	1.39	2.78	4.16	5.55	6.94
OB	1.38	2.76	4.14	5.52	6.90	OD	1.39	2.78	4.16	5.55	6.94

	Intensidades Luminosas [ cd]									
	0	5	15	25	35	45	55	65	75	85
OA	76.82	75.66	68.57	59.79	53.47	47.89	37.15	20.88	5.79	0.66
OB	76.82	75.66	68.57	59.79	53.47	47.89	37.15	20.88	5.79	0.67
OC	76.82	75.35	67.98	58.93	52.30	46.93	37.22	18.66	6.31	1.61
OD	76.82	75.35	67.98	58.93	52.30	46.93	37.22	18.66	6.31	1.61



H[m]	D[m]	Max lux	Med lux	Alpha=54.1°+54.1°	G=0.0	
1.00	2.76	77	19			
2.00	5.52	19	5			
3.00	8.28	9	2			
4.00	11.04	5	1			
5.00	13.80	3	1			

H[m]	D[m]	Max lux	Med lux	Beta=54.2°+54.2°	G=0.0	
1.00	2.78	77	19			
2.00	5.55	19	5			
3.00	8.33	9	2			
4.00	11.11	5	1			
5.00	13.88	3	1			

**Luminaria**

Código A706-004-35

Nombre Babila 28

**Ensayo**

Código CL041A21F008G

Nombre Babila 28

Flujo Luminaria	184.74 lm	Potencia Luminaria	7.53 W	Eficacia	24.52 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	184.74 lm	Valor Máximo	76.82 cd	Posición	C=0.00 G=0.00	CG Asimétrico	

## Utilización CIE

Montaje	Directo				Normalización				Normalizados				Raz. de Susp.				1/3	CIE Estándar							
Techo																									
K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000		
0.60	217	195	170	154	185	147	112	95	87	74	47	35	18	12	69	38	33	14	11	32	12	11	0		
0.80	250	229	179	165	218	158	140	122	99	87	56	45	24	18	81	47	42	20	17	40	18	15	0		
1.00	271	252	179	168	240	161	163	145	104	94	63	52	30	23	88	53	49	26	22	46	23	20	1		
1.25	290	273	175	166	260	159	186	169	108	99	69	58	37	30	93	60	55	32	28	53	29	26	1		
1.50	304	289	170	163	275	157	205	189	110	102	73	64	43	35	96	65	61	38	34	58	35	31	1		
2.00	321	309	159	154	294	149	233	218	111	104	79	71	53	45	99	72	68	48	44	65	44	41	1		
2.50	333	322	151	147	308	142	254	241	111	106	84	77	60	53	100	76	73	55	51	70	51	48	1		
3.00	341	332	145	141	317	137	270	257	110	106	87	81	66	59	101	80	77	61	57	74	57	54	1		
4.00	353	346	137	135	331	132	292	282	110	107	91	86	74	68	103	85	83	70	66	80	66	62	1		
5.00	361	355	133	131	340	128	307	298	111	108	94	90	80	74	104	89	87	75	72	84	72	68	1		
10.00	378	375	123	122	360	120	341	335	110	109	101	99	92	89	106	97	96	89	87	94	86	83	1		
20.00	387	385	117	117	370	115	360	357	110	109	105	104	100	98	106	102	101	97	96	99	94	92	1		

## Pared

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	464	452	405	397	446	392	351	343	316	311	265	261	228	226	308	261	260	227	226	259	226	226	205
0.80	516	503	435	427	494	421	402	393	352	346	302	296	264	261	341	296	295	262	261	293	261	260	236
1.00	548	536	449	442	524	435	437	427	372	366	325	319	288	285	360	319	316	285	284	314	283	282	255
1.25	575	563	456	450	549	443	468	458	387	381	343	338	309	305	375	337	334	305	303	331	303	301	270
1.50	593	582	459	454	566	447	492	481	397	392	357	351	324	320	384	349	347	320	318	343	317	314	281
2.00	608	599	451	447	580	440	517	506	400	395	366	361	338	333	387	358	356	333	330	351	328	325	288
2.50	618	609	444	441	588	434	533	523	400	397	372	367	347	342	388	363	361	341	338	355	335	331	291
3.00	622	615	437	435	592	428	544	534	399	396	374	369	351	347	386	364	362	345	342	356	339	333	292
4.00	635	629	435	433	605	426	565	556	403	401	383	379	364	360	390	373	371	356	354	364	349	343	299
5.00	647	642	437	436	616	428	582	574	409	407	392	388	376	372	396	381	380	367	365	372	359	352	306
10.00	682	679	451	450	650	443	630	625	432	431	421	419	411	409	419	410	409	401	400	399	392	383	333
20.00	709	708	466	465	677	459	665	663	452	452	446	445	440	439	440	434	434	429	428	423	418	408	356

## P.Trab.

K	8873	8773	8871	8771	7773	7771	7753	7553	7751	7551	7731	7331	7711	7111	5551	5531	5331	5511	5111	3331	3311	1111	0000
0.60	601	588	560	551	580	545	465	457	448	442	382	377	334	332	438	378	376	333	332	375	332	331	314
0.80	716	701	659	650	689	642	576	565	549	542	483	477	433	430	536	476	474	430	429	472	429	427	410
1.00	804	789	732	724	774	714	664	653	628	621	564	558	515	511	613	556	554	511	509	550	509	507	489
1.25	885	871	798	790	852	779	750	737	702	695	643	635	595	590	685	633	630	590	587	625	586	583	566
1.50	945	931	844	837	909	826	814	800	756	749	700	693	655	649	737	689	686	649	646	680	644	640	624
2.00	1000	1000	908	902	991	890	909	896	834	828	787	779	747	740	814	773	770	738	735	762	731	726	711
2.50	1000	1000	946	941	1000	929	971	958	882	876	841	834	806	799	861	826	823	796	792	814	787	780	766
3.00	1000	1000	971	967	1000	955	1000	1000	914	910	879	872	848	840	893	863	860	836	832	849	826	817	804
4.00	1000	1000	1000	998	1000	985	1000	1000	953	949	924	918	898	891	931	907	904	885	881	892	873	862	850
5.00	1000	1000	1000	1000	1000	1000	1000	1000	976	973	951	946	929	923	954	933	931	914	911	917	900	888	876
10.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	995	991	1000	988	987	977	974	969	959	944	932
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	998	992	974	963

LM53 SHR C0-C180: 1.086 SHR C90-C270: 1.075 SHR Superficial: 1.319



**Luminaria**  
Código A706-004-35  
Nombre Babila 28  
**Ensayo**  
Código CL041A21F008G  
Nombre Babila 28

Flujo Luminaria	184.74 lm	Potencia Luminaria	7.53 W	Eficacia	24.52 lm/W	Eficiencia	100.00%
Flujo Fuentes de luz	184.74 lm	Valor Máximo	76.82 cd	Posición	C=0.00 G=0.00	CG	Asimétrico

Isolux (Suelo)

Posición Luminaria X=0.00m Y=0.00m Z=2.50m

