Luminaire
Code 33002304127
Name AMPHORA 02 LED BROWN
Measurem.
Code CL092A21F009G
Name AMPHORA 02 LED BROWN

Luminaire Flux	372.32 lm	Luminaire Power	24.50 W	Efficacy	15.20 lm/W	Efficiency	100.00%
Sources Flux	372.32 lm	Maximum value	181.71 cd	Position	C=0.00 G=180.00	CG	Asymmetrical

Round Luminaire	Diam. 900 mm	Height	1300 mm
Round Luminous Area	Diam. 900 mm	Height	1300 mm
Horizontal Luminous Area	0.636173 m2	Emitting area on Plane 180°	1.170000 m2
Emitting area on Plane 0°	1.170000 m2	Emitting area on Plane 270°	1.170000 m2
Emitting area on Plane 90°	1.170000 m2	Glare area at 76°	1.289150 m2
Coordinate system	CG	Symmetry Type	Asymmetrical
Date	09-04-2021	Maximum Gamma Angle	180
Measurement Distance	6.44	Measurement Flux	372.32 lm
Operator	ASSELUM	Rated Voltage	35.20 V
Temperature	25.10 °C	Rated Current	0.70 A
Humidity	30.20 %	Photocell	Prc
Notes	RM21033101		

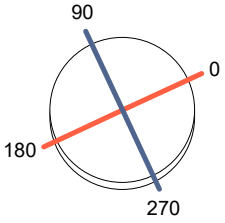
Luminaire Sources

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	Mid-Power LED-5630 Ser.	SEOUL	372.32	24.50	1

C.I.E.	45 72 88 53 100	D DIN 5040	C31
F UTE	0.53 E + 0.47 T	B NBN	BZ 5



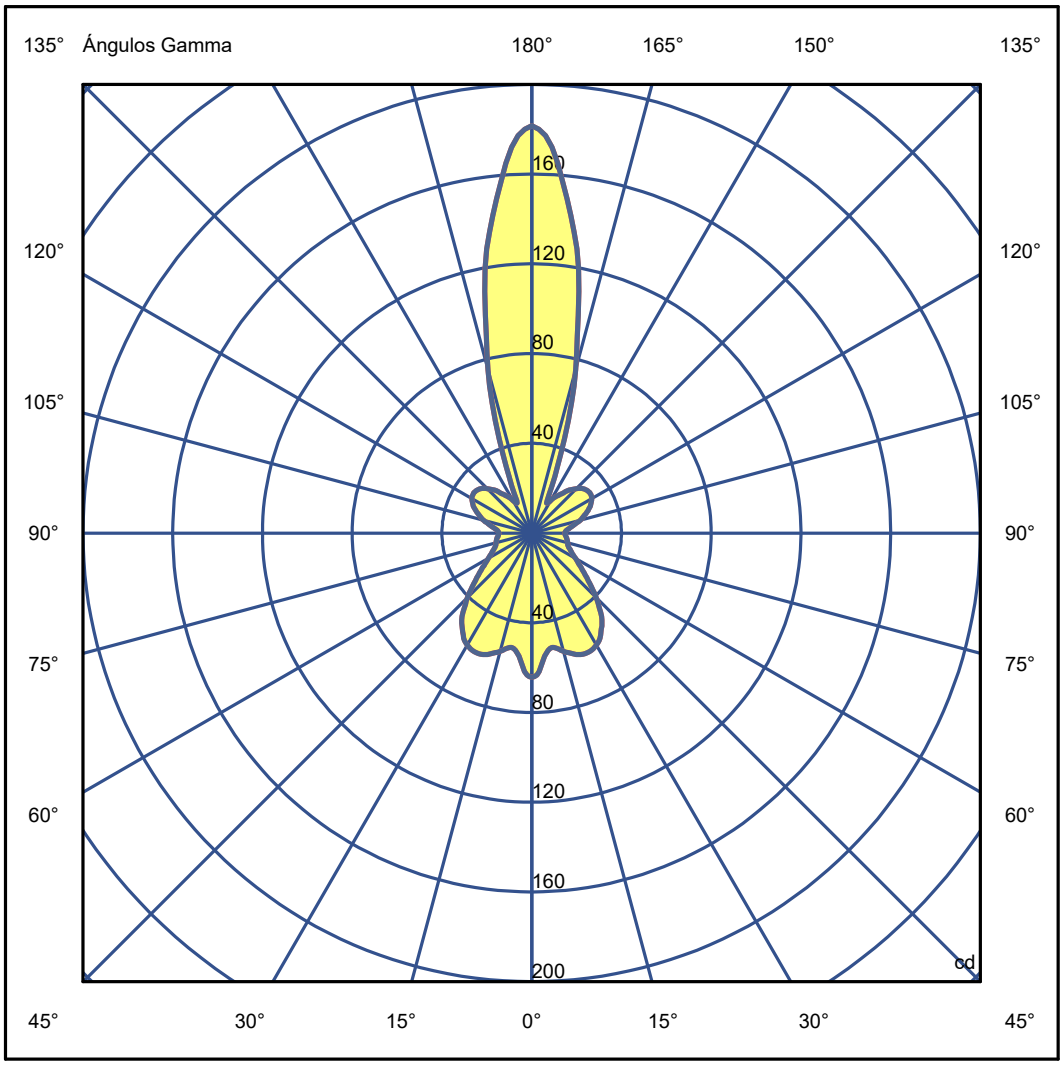
Diam=900mm



Semiplanos C

180.0 — 0.0
270.0 — 90.0

ULOR 47.30 %
DLOR 52.70 %
RN 47.30 %



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Luminaire Flux	372.32 lm	Luminaire Power	24.50 W	Efficacy	15.20 lm/W	Efficiency	100.00%
Sources Flux	372.32 lm	Maximum value	181.71 cd	Position	C=0.00 G=180.00	CG	Asymmetrical

Luminous Intensity Table cd **Table 1/2**

	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	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17
G 2.5	62.59	58.18	52.14	49.32	52.14	58.18	62.59	58.18	52.14	49.32	52.14	58.18	62.59
G 5.0	57.07	53.20	47.92	45.37	47.92	53.20	57.07	53.20	47.92	45.37	47.92	53.20	57.07
G 7.5	53.19	50.29	44.82	41.59	44.82	50.29	53.19	50.29	44.82	41.59	44.82	50.29	53.19
G 10.0	51.76	53.02	55.41	56.85	55.41	53.02	51.76	53.02	55.41	56.85	55.41	53.02	51.76
G 12.5	52.69	54.24	57.03	58.85	57.03	54.24	52.69	54.24	57.03	58.85	57.03	54.24	52.69
G 15.0	54.54	56.00	58.62	60.27	58.62	56.00	54.54	56.00	58.62	60.27	58.62	56.00	54.54
G 17.5	56.03	57.34	59.90	61.42	59.90	57.34	56.03	57.34	59.90	61.42	59.90	57.34	56.03
G 20.0	57.52	58.64	60.88	62.18	60.88	58.64	57.52	58.64	60.88	62.18	60.88	58.64	57.52
G 22.5	58.44	59.60	61.65	62.41	61.65	59.60	58.44	59.60	61.65	62.41	61.65	59.60	58.44
G 25.0	58.76	59.85	61.75	62.45	61.75	59.85	58.76	59.85	61.75	62.45	61.75	59.85	58.76
G 27.5	58.47	59.33	61.02	61.96	61.02	59.33	58.47	59.33	61.02	61.96	61.02	59.33	58.47
G 30.0	57.60	58.44	60.05	60.94	60.05	58.44	57.60	58.44	60.05	60.94	60.05	58.44	57.60
G 32.5	56.19	56.98	58.41	59.27	58.41	56.98	56.19	56.98	58.41	59.27	58.41	56.98	56.19
G 35.0	53.68	54.63	56.30	57.19	56.30	54.63	53.68	54.63	56.30	57.19	56.30	54.63	53.68
G 37.5	51.32	52.45	54.13	54.72	54.13	52.45	51.32	52.45	54.13	54.72	54.13	52.45	51.32
G 40.0	48.36	49.66	51.15	51.56	51.15	49.66	48.36	49.66	51.15	51.56	51.15	49.66	48.36
G 42.5	44.18	45.49	47.54	48.58	47.54	45.49	44.18	45.49	47.54	48.58	47.54	45.49	44.18
G 45.0	40.60	41.72	43.78	44.84	43.78	41.72	40.60	41.72	43.78	44.84	43.78	41.72	40.60
G 47.5	36.48	37.67	39.89	41.10	39.89	37.67	36.48	37.67	39.89	41.10	39.89	37.67	36.48
G 50.0	32.79	33.82	35.76	36.87	35.76	33.82	32.79	33.82	35.76	36.87	35.76	33.82	32.79
G 52.5	29.69	30.65	32.47	33.56	32.47	30.65	29.69	30.65	32.47	33.56	32.47	30.65	29.69
G 55.0	26.76	27.56	29.10	30.09	29.10	27.56	26.76	27.56	29.10	30.09	29.10	27.56	26.76
G 57.5	24.39	25.05	26.34	27.20	26.34	25.05	24.39	25.05	26.34	27.20	26.34	25.05	24.39
G 60.0	22.48	22.92	23.80	24.59	23.80	22.92	22.48	22.92	23.80	24.59	23.80	22.92	22.48
G 62.5	20.67	21.04	21.63	22.02	21.63	21.04	20.67	21.04	21.63	22.02	21.63	21.04	20.67
G 65.0	19.40	19.54	19.81	19.98	19.81	19.54	19.40	19.54	19.81	19.98	19.81	19.54	19.40
G 67.5	18.29	18.38	18.53	18.61	18.53	18.38	18.29	18.38	18.53	18.61	18.53	18.38	18.29
G 70.0	17.27	17.35	17.50	17.58	17.50	17.35	17.27	17.35	17.50	17.58	17.50	17.35	17.27
G 72.5	16.76	16.82	16.94	16.98	16.94	16.82	16.76	16.82	16.94	16.98	16.94	16.82	16.76
G 75.0	16.50	16.56	16.66	16.68	16.66	16.56	16.50	16.56	16.66	16.68	16.66	16.56	16.50
G 77.5	16.23	16.31	16.43	16.47	16.43	16.31	16.23	16.31	16.43	16.47	16.43	16.31	16.23
G 80.0	15.91	16.00	16.15	16.21	16.15	16.00	15.91	16.00	16.15	16.21	16.15	16.00	15.91
G 82.5	15.57	15.61	15.68	15.67	15.68	15.61	15.57	15.61	15.68	15.67	15.68	15.61	15.57
G 85.0	15.11	15.15	15.21	15.21	15.21	15.15	15.11	15.15	15.21	15.21	15.21	15.15	15.11
G 87.5	14.85	14.86	14.86	14.82	14.86	14.86	14.85	14.86	14.86	14.82	14.86	14.86	14.85
G 90.0	14.75	14.74	14.70	14.64	14.70	14.74	14.75	14.74	14.70	14.64	14.70	14.74	14.75
G 92.5	14.99	14.94	14.83	14.73	14.83	14.94	14.99	14.94	14.83	14.73	14.83	14.94	14.99
G 95.0	15.69	15.61	15.45	15.31	15.45	15.61	15.69	15.61	15.45	15.31	15.45	15.61	15.69
G 97.5	16.88	16.85	16.77	16.64	16.77	16.85	16.88	16.85	16.77	16.64	16.77	16.85	16.88
G100.0	18.54	18.49	18.32	18.08	18.32	18.49	18.54	18.49	18.32	18.08	18.32	18.49	18.54
G102.5	20.18	20.14	20.05	19.97	20.05	20.14	20.18	20.14	20.05	19.97	20.05	20.14	20.18
G105.0	22.24	22.20	22.03	21.81	22.03	22.20	22.24	22.20	22.03	21.81	22.03	22.20	22.24
G107.5	23.94	23.93	23.91	23.89	23.91	23.93	23.94	23.93	23.91	23.89	23.91	23.93	23.94
G110.0	25.58	25.58	25.58	25.57	25.58	25.58	25.58	25.58	25.58	25.57	25.58	25.58	25.58
G112.5	27.33	27.34	27.34	27.30	27.34	27.34	27.33	27.34	27.34	27.30	27.34	27.34	27.33
G115.0	28.75	28.76	28.77	28.74	28.77	28.76	28.75	28.76	28.77	28.74	28.77	28.76	28.75
G117.5	29.88	29.91	29.97	29.98	29.97	29.91	29.88	29.91	29.97	29.98	29.97	29.91	29.88
G120.0	30.87	30.91	30.98	31.00	30.98	30.91	30.87	30.91	30.98	31.00	30.98	30.91	30.87
G122.5	31.33	31.41	31.54	31.59	31.54	31.41	31.33	31.41	31.54	31.59	31.54	31.41	31.33
G125.0	31.46	31.53	31.65	31.69	31.65	31.53	31.46	31.53	31.65	31.69	31.65	31.53	31.46
G127.5	31.21	31.25	31.30	31.30	31.30	31.25	31.21	31.25	31.30	31.30	31.30	31.25	31.21
G130.0	30.60	30.61	30.62	30.58	30.62	30.61	30.60	30.61	30.62	30.58	30.62	30.61	30.60
G132.5	29.60	29.60	29.58	29.51	29.58	29.60	29.60	29.60	29.58	29.51	29.58	29.60	29.60
G135.0	27.99	28.00	27.99	27.92	27.99	28.00	27.99	28.00	27.99	27.92	27.99	28.00	27.99
G137.5	26.48	26.44	26.36	26.24	26.36	26.44	26.48	26.44	26.36	26.24	26.36	26.44	26.48
G140.0	24.77	24.64	24.36	24.11	24.36	24.64	24.77	24.64	24.36	24.11	24.36	24.64	24.77
G142.5	22.40	22.38	22.33	22.29	22.33	22.38	22.40	22.38	22.33	22.29	22.33	22.38	22.40
G145.0	20.59	20.52	20.36	20.17	20.36	20.52	20.59	20.52	20.36	20.17	20.36	20.52	20.59
G147.5	18.84	18.75	18.55	18.36	18.55	18.75	18.84	18.75	18.55	18.36	18.55	18.75	18.84
G150.0	16.73	16.69	16.58	16.43	16.58	16.69	16.73	16.69	16.58	16.43	16.58	16.69	16.73
G152.5	15.21	15.61	16.18	16.43	16.18	15.61	15.21	15.61	16.18	16.43	16.18	15.61	15.21
G155.0	16.04	18.07	20.06	20.67	20.06	18.07	16.04	18.07	20.06	20.67	20.06	18.07	16.04
G157.5	25.12	26.53	27.46	27.17	27.46	26.53	25.12	26.53	27.46	27.17	27.46	26.53	25.12
G160.0	37.40	39.12	40.31	40.24	40.31	39.12	37.40	39.12	40.31	40.24	40.31	39.12	37.40
G162.5	56.69	57.49	57.23	56.06	57.23	57.49	56.69	57.49	57.23	56.06	57.23	57.49	56.69
G165.0	75.47	75.84	76.33	76.22	76.33	75.84	75.47	75.84	76.33	76.22	76.33	75.84	75.47
G167.5	94.41	95.19	96.25	96.38	96.25	95.19	94.41	95.19	96.25	96.38	96.25	95.19	94.41
G170.0	119.76	118.67	117.86	116.75	117.86	118.67	119.76	118.67	117.86	116.75	117.86	118.67	119.76
G172.5	139.07	138.17	137.72	136.97	137.72	138.17	139.07	138.17	137.72	136.97	137.72	138.17	139.07
G175.0	157.48	157.48	156.68	155.04	156.68	157.48	157.48	157.48	156.68	155.04	156.68	157.48	157.48
G177.5	175.16	173.32	169.51	166.30	169.51	173.32	175.16	173.32	169.51	166.30	169.51	173.32	175.16
G180.0	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71

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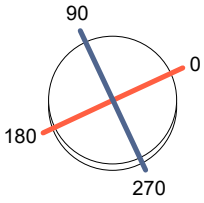
Luminous Intensity Table cd **Table 2/2**

	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	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17	64.17
G 2.5	58.18	52.14	49.32	52.14	58.18	62.59	58.18	52.14	49.32	52.14	58.18
G 5.0	53.20	47.92	45.37	47.92	53.20	57.07	53.20	47.92	45.37	47.92	53.20
G 7.5	50.29	44.82	41.59	44.82	50.29	53.19	50.29	44.82	41.59	44.82	50.29
G 10.0	53.02	55.41	56.85	55.41	53.02	51.76	53.02	55.41	56.85	55.41	53.02
G 12.5	54.24	57.03	58.85	57.03	54.24	52.69	54.24	57.03	58.85	57.03	54.24
G 15.0	56.00	58.62	60.27	58.62	56.00	54.54	56.00	58.62	60.27	58.62	56.00
G 17.5	57.34	59.90	61.42	59.90	57.34	56.03	57.34	59.90	61.42	59.90	57.34
G 20.0	58.64	60.88	62.18	60.88	58.64	57.52	58.64	60.88	62.18	60.88	58.64
G 22.5	59.60	61.65	62.41	61.65	59.60	58.44	59.60	61.65	62.41	61.65	59.60
G 25.0	59.85	61.75	62.45	61.75	59.85	58.76	59.85	61.75	62.45	61.75	59.85
G 27.5	59.33	61.02	61.96	61.02	59.33	58.47	59.33	61.02	61.96	61.02	59.33
G 30.0	58.44	60.05	60.94	60.05	58.44	57.60	58.44	60.05	60.94	60.05	58.44
G 32.5	56.98	58.41	59.27	58.41	56.98	56.19	56.98	58.41	59.27	58.41	56.98
G 35.0	54.63	56.30	57.19	56.30	54.63	53.68	54.63	56.30	57.19	56.30	54.63
G 37.5	52.45	54.13	54.72	54.13	52.45	51.32	52.45	54.13	54.72	54.13	52.45
G 40.0	49.66	51.15	51.56	51.15	49.66	48.36	49.66	51.15	51.56	51.15	49.66
G 42.5	45.49	47.54	48.58	47.54	45.49	44.18	45.49	47.54	48.58	47.54	45.49
G 45.0	41.72	43.78	44.84	43.78	41.72	40.60	41.72	43.78	44.84	43.78	41.72
G 47.5	37.67	39.89	41.10	39.89	37.67	36.48	37.67	39.89	41.10	39.89	37.67
G 50.0	33.82	35.76	36.87	35.76	33.82	32.79	33.82	35.76	36.87	35.76	33.82
G 52.5	30.65	32.47	33.56	32.47	30.65	29.69	30.65	32.47	33.56	32.47	30.65
G 55.0	27.56	29.10	30.09	29.10	27.56	26.76	27.56	29.10	30.09	29.10	27.56
G 57.5	25.05	26.34	27.20	26.34	25.05	24.39	25.05	26.34	27.20	26.34	25.05
G 60.0	22.92	23.80	24.59	23.80	22.92	22.48	22.92	23.80	24.59	23.80	22.92
G 62.5	21.04	21.63	22.02	21.63	21.04	20.67	21.04	21.63	22.02	21.63	21.04
G 65.0	19.54	19.81	19.98	19.81	19.54	19.40	19.54	19.81	19.98	19.81	19.54
G 67.5	18.38	18.53	18.61	18.53	18.38	18.29	18.38	18.53	18.61	18.53	18.38
G 70.0	17.35	17.50	17.58	17.50	17.35	17.27	17.35	17.50	17.58	17.50	17.35
G 72.5	16.82	16.94	16.98	16.94	16.82	16.76	16.82	16.94	16.98	16.94	16.82
G 75.0	16.56	16.66	16.68	16.66	16.56	16.50	16.56	16.66	16.68	16.66	16.56
G 77.5	16.31	16.43	16.47	16.43	16.31	16.23	16.31	16.43	16.47	16.43	16.31
G 80.0	16.00	16.15	16.21	16.15	16.00	15.91	16.00	16.15	16.21	16.15	16.00
G 82.5	15.61	15.68	15.67	15.68	15.61	15.57	15.61	15.68	15.67	15.68	15.61
G 85.0	15.15	15.21	15.21	15.21	15.15	15.11	15.15	15.21	15.21	15.21	15.15
G 87.5	14.86	14.86	14.82	14.86	14.86	14.85	14.86	14.86	14.82	14.86	14.86
G 90.0	14.74	14.70	14.64	14.70	14.74	14.75	14.74	14.70	14.64	14.70	14.74
G 92.5	14.94	14.83	14.73	14.83	14.94	14.99	14.94	14.83	14.73	14.83	14.94
G 95.0	15.61	15.45	15.31	15.45	15.61	15.69	15.61	15.45	15.31	15.45	15.61
G 97.5	16.85	16.77	16.64	16.77	16.85	16.88	16.85	16.77	16.64	16.77	16.85
G100.0	18.49	18.32	18.08	18.32	18.49	18.54	18.49	18.32	18.08	18.32	18.49
G102.5	20.14	20.05	19.97	20.05	20.14	20.18	20.14	20.05	19.97	20.05	20.14
G105.0	22.20	22.03	21.81	22.03	22.20	22.24	22.20	22.03	21.81	22.03	22.20
G107.5	23.93	23.91	23.89	23.91	23.93	23.94	23.93	23.91	23.89	23.91	23.93
G110.0	25.58	25.58	25.57	25.58	25.58	25.58	25.58	25.58	25.57	25.58	25.58
G112.5	27.34	27.34	27.30	27.34	27.34	27.33	27.34	27.34	27.30	27.34	27.34
G115.0	28.76	28.77	28.74	28.77	28.76	28.75	28.76	28.77	28.74	28.77	28.76
G117.5	29.91	29.97	29.98	29.97	29.91	29.88	29.91	29.97	29.98	29.97	29.91
G120.0	30.91	30.98	31.00	30.98	30.91	30.87	30.91	30.98	31.00	30.98	30.91
G122.5	31.41	31.54	31.59	31.54	31.41	31.33	31.41	31.54	31.59	31.54	31.41
G125.0	31.53	31.65	31.69	31.65	31.53	31.46	31.53	31.65	31.69	31.65	31.53
G127.5	31.25	31.30	31.30	31.30	31.25	31.21	31.25	31.30	31.30	31.30	31.25
G130.0	30.61	30.62	30.58	30.62	30.61	30.60	30.61	30.62	30.58	30.62	30.61
G132.5	29.60	29.58	29.51	29.58	29.60	29.60	29.60	29.58	29.51	29.58	29.60
G135.0	28.00	27.99	27.92	27.99	28.00	27.99	28.00	27.99	27.92	27.99	28.00
G137.5	26.44	26.36	26.24	26.36	26.44	26.48	26.44	26.36	26.24	26.36	26.44
G140.0	24.64	24.36	24.11	24.36	24.64	24.77	24.64	24.36	24.11	24.36	24.64
G142.5	22.38	22.33	22.29	22.33	22.38	22.40	22.38	22.33	22.29	22.33	22.38
G145.0	20.52	20.36	20.17	20.36	20.52	20.59	20.52	20.36	20.17	20.36	20.52
G147.5	18.75	18.55	18.36	18.55	18.75	18.84	18.75	18.55	18.36	18.55	18.75
G150.0	16.69	16.58	16.43	16.58	16.69	16.73	16.69	16.58	16.43	16.58	16.69
G152.5	15.61	16.18	16.43	16.18	15.61	15.21	15.61	16.18	16.43	16.18	15.61
G155.0	18.07	20.06	20.67	20.06	18.07	16.04	18.07	20.06	20.67	20.06	18.07
G157.5	26.53	27.46	27.17	27.46	26.53	25.12	26.53	27.46	27.17	27.46	26.53
G160.0	39.12	40.31	40.24	40.31	39.12	37.40	39.12	40.31	40.24	40.31	39.12
G162.5	57.49	57.23	56.06	57.23	57.49	56.69	57.49	57.23	56.06	57.23	57.49
G165.0	75.84	76.33	76.22	76.33	75.84	75.47	75.84	76.33	76.22	76.33	75.84
G167.5	95.19	96.25	96.38	96.25	95.19	94.41	95.19	96.25	96.38	96.25	95.19
G170.0	118.67	117.86	116.75	117.86	118.67	119.76	118.67	117.86	116.75	117.86	118.67
G172.5	138.17	137.72	136.97	137.72	138.17	139.07	138.17	137.72	136.97	137.72	138.17
G175.0	157.48	156.68	155.04	156.68	157.48	157.48	157.48	156.68	155.04	156.68	157.48
G177.5	173.32	169.51	166.30	169.51	173.32	175.16	173.32	169.51	166.30	169.51	173.32
G180.0	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71	181.71

Luminaire
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Measurem.
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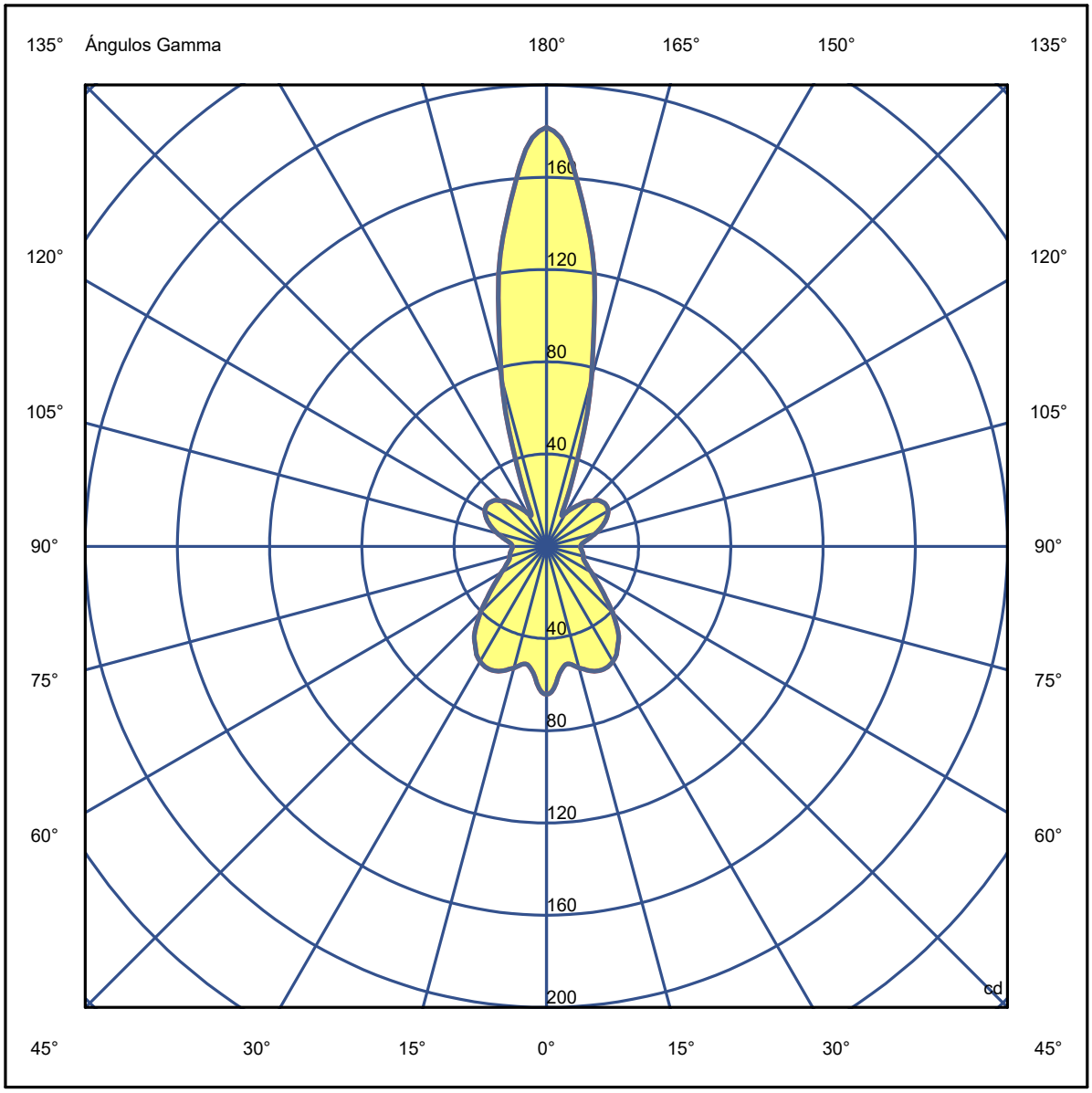
Luminaire Flux	372.32 lm	Luminaire Power	24.50 W	Efficacy	15.20 lm/W	Efficiency	100.00%
Sources Flux	372.32 lm	Maximum value	181.71 cd	Position	C=0.00 G=180.00	CG	Asymmetrical

Diam=900mm



Semiplanos C

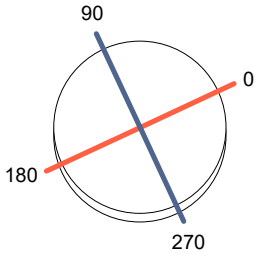
180.0 0.0
270.0 90.0



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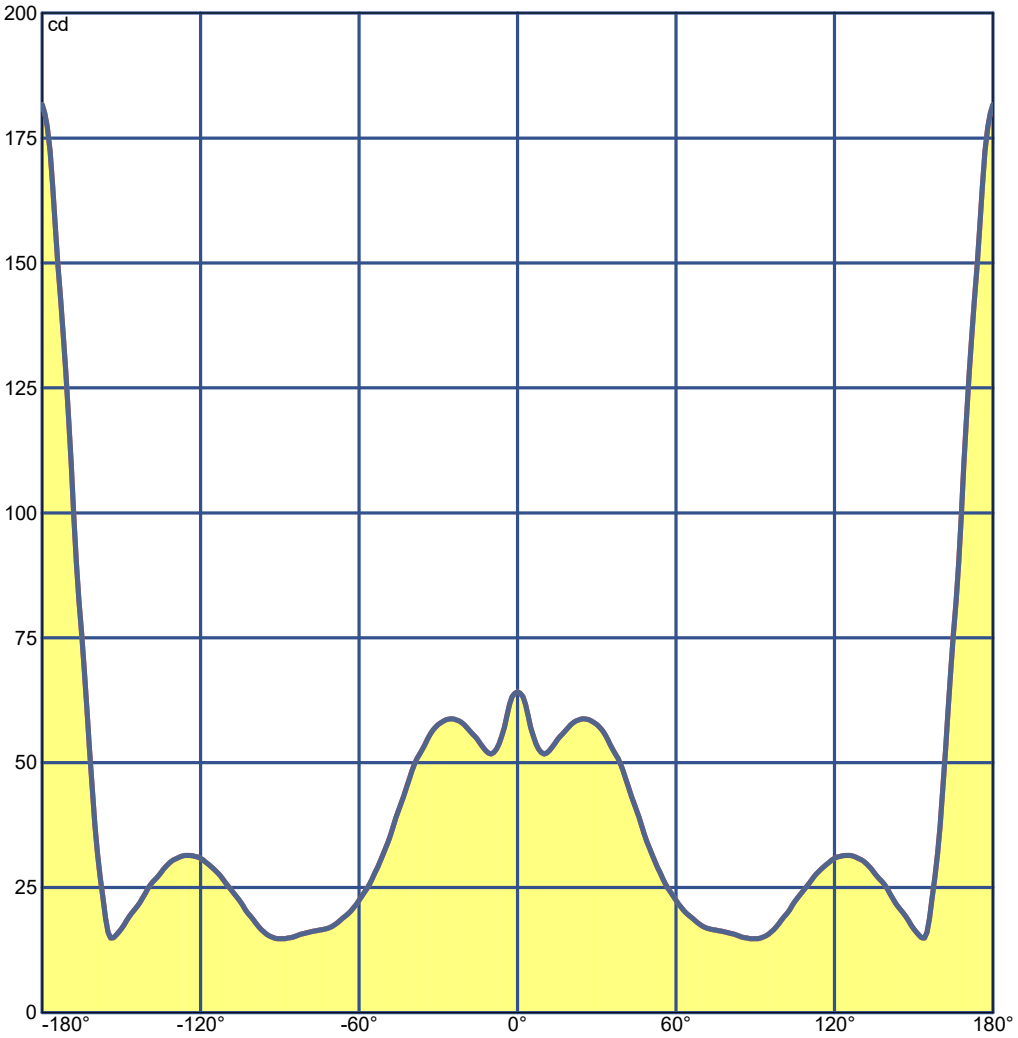
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Sources Flux	372.32 lm	Maximum value	181.71 cd	Position	C=0.00 G=180.00	CG	Asymmetrical

Diam=900mm



Semiplanos C





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Sources Flux	372.32 lm	Maximum value	181.71 cd	Position	C=0.00 G=180.00	CG	Asymmetrical

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
Working Plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room Dimensions	Lateral View					Viewed Endwise				
x=2H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=3H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=2H y=4H	< 0	< 0	< 0	< 0	0.1	< 0	< 0	< 0	< 0	0.1
x=2H y=6H	< 0	< 0	< 0	< 0	0.8	< 0	< 0	< 0	< 0	0.8
x=2H y=8H	< 0	< 0	< 0	< 0	1.2	< 0	< 0	< 0	< 0	1.2
x=2H y=12H	< 0	< 0	< 0	0.3	1.5	< 0	< 0	< 0	0.3	1.5
x=4H y=2H	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0	< 0
x=4H y=3H	< 0	< 0	< 0	< 0	0.0	< 0	< 0	< 0	< 0	0.0
x=4H y=4H	< 0	< 0	< 0	< 0	0.8	< 0	< 0	< 0	< 0	0.8
x=4H y=6H	< 0	< 0	< 0	0.4	1.7	< 0	< 0	< 0	0.4	1.7
x=4H y=8H	< 0	< 0	0.5	0.9	2.1	< 0	< 0	0.5	0.9	2.1
x=4H y=12H	< 0	0.4	1.0	1.3	2.6	< 0	0.4	1.0	1.3	2.6
x=8H y=4H	< 0	< 0	< 0	< 0	1.0	< 0	< 0	< 0	< 0	1.0
x=8H y=6H	< 0	< 0	0.5	0.9	2.2	< 0	< 0	0.5	0.9	2.2
x=8H y=8H	0.2	0.5	1.2	1.5	2.8	0.2	0.5	1.2	1.5	2.8
x=8H y=12H	0.8	1.1	1.8	2.1	3.4	0.8	1.1	1.8	2.1	3.4
x=12H y=4H	< 0	< 0	0.0	0.4	1.7	< 0	< 0	0.0	0.4	1.7
x=12H y=6H	0.1	0.4	1.1	1.4	2.7	0.1	0.4	1.1	1.4	2.7
x=12H y=8H	0.7	1.0	1.7	2.0	3.3	0.7	1.0	1.7	2.0	3.3

Luminaire
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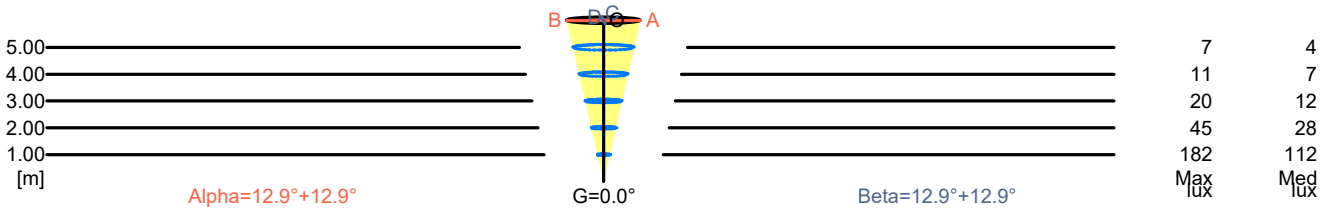
Luminaire Flux	372.32 lm	Luminaire Power	24.50 W	Efficacy	15.20 lm/W	Efficiency	100.00%
Sources Flux	372.32 lm	Maximum value	181.71 cd	Position	C=0.00 G=180.00	CG	Asymmetrical

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	0.23	0.46	0.69	0.92	1.15	OC	0.23	0.46	0.69	0.92	1.15
OB	0.23	0.46	0.69	0.92	1.15	OD	0.23	0.46	0.69	0.92	1.15

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	181.71	157.48	75.47	16.04	20.59	27.99	31.46	28.75	22.24	15.69
OB	181.71	157.48	75.47	16.04	20.59	27.99	31.46	28.75	22.24	15.69
OC	181.71	157.48	75.47	16.04	20.59	27.99	31.46	28.75	22.24	15.69
OD	181.71	157.48	75.47	16.04	20.59	27.99	31.46	28.75	22.24	15.69



5.00	2.29	7	4	
4.00	1.83	11	7	
3.00	1.38	20	12	
2.00	0.92	45	28	
1.00	0.46	182	112	
H[m]	D[m]	Max lux	Med lux	Alpha=12.9°+12.9° G=0.0

5.00	2.29	7	4	
4.00	1.83	11	7	
3.00	1.38	20	12	
2.00	0.92	45	28	
1.00	0.46	182	112	
H[m]	D[m]	Max lux	Med lux	Beta=12.9°+12.9° G=0.0

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Flujo Total=372.32 Flujo Luminaria=372.32

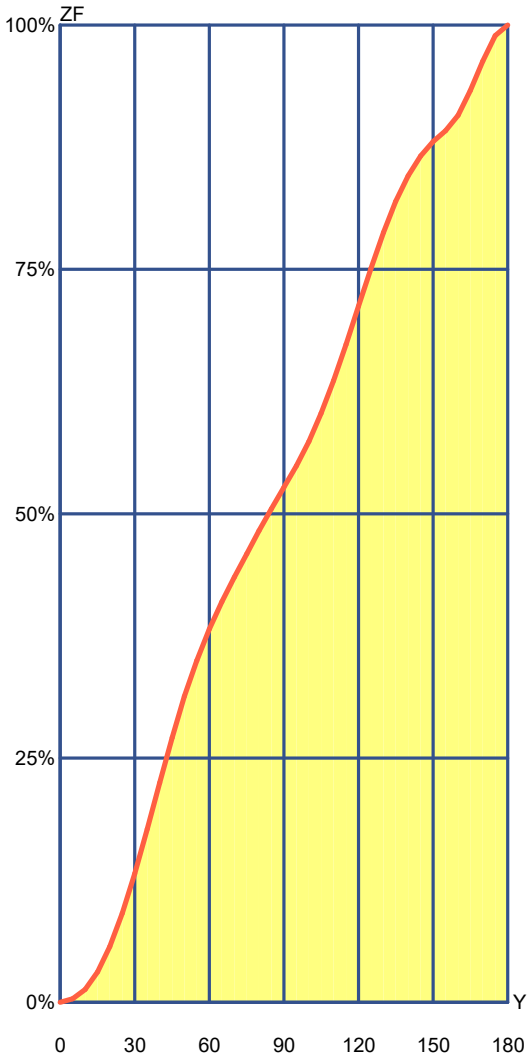
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.29	0.37	0.44	0.50	0.55	0.63	0.68	0.72	0.77	0.80	0.88	0.93
RC	5	5	6	6	6	6	6	6	7	7	7	7

Flujo Zonal por 1000 Lúmenes

Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	13	57	132	225	313	382	435	482	527	574	636	712	788	846	881	908	963	1000

Códigos de Flujo C.I.E.
45 72 88 53 100

C.I.E.	5/5/6/6/6/6/6/7/7/7/7	LOR	100.00000 %
D DIN 5040	C31	ULOR	47.29601 %
F UTE	0.53 E + 0.47 T	DLOR	52.70399 %
B NBN	BZ 5	UFF	47.29601 %
RN	47.29601 %	DFF	52.70399 %
BLF	1.0	FFR	89.73897 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	3.52	3.52	0.35 %	0.35 %
10°	9.64	13.15	0.96 %	1.32 %
15°	17.78	30.94	1.78 %	3.09 %
20°	25.97	56.90	2.60 %	5.69 %
25°	34.04	90.95	3.40 %	9.09 %
30°	40.84	131.79	4.08 %	13.18 %
35°	45.48	177.27	4.55 %	17.73 %
40°	47.49	224.76	4.75 %	22.48 %
45°	46.19	270.95	4.62 %	27.09 %
50°	42.05	313.00	4.20 %	31.30 %
55°	36.86	349.85	3.69 %	34.99 %
60°	32.03	381.88	3.20 %	38.19 %
65°	27.99	409.87	2.80 %	40.99 %
70°	25.16	435.03	2.52 %	43.50 %
75°	23.79	458.82	2.38 %	45.88 %
80°	23.50	482.32	2.35 %	48.23 %
85°	22.81	505.13	2.28 %	50.51 %
90°	21.91	527.04	2.19 %	52.70 %
95°	22.06	549.10	2.21 %	54.91 %
100°	24.62	573.72	2.46 %	57.37 %
105°	28.97	602.69	2.90 %	60.27 %
110°	33.51	636.20	3.35 %	63.62 %
115°	37.05	673.26	3.71 %	67.33 %
120°	39.03	712.29	3.90 %	71.23 %
125°	38.94	751.23	3.89 %	75.12 %
130°	36.43	787.66	3.64 %	78.77 %
135°	31.97	819.62	3.20 %	81.96 %
140°	26.19	845.81	2.62 %	84.58 %
145°	20.10	865.91	2.01 %	86.59 %
150°	14.72	880.63	1.47 %	88.06 %
155°	11.40	892.03	1.14 %	89.20 %
160°	15.58	907.61	1.56 %	90.76 %
165°	25.12	932.73	2.51 %	93.27 %
170°	30.38	963.10	3.04 %	96.31 %
175°	26.16	989.27	2.62 %	98.93 %
180°	10.73	1000.00	1.07 %	100.00 %

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Isolux (Ceiling)

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

