

Luminaire

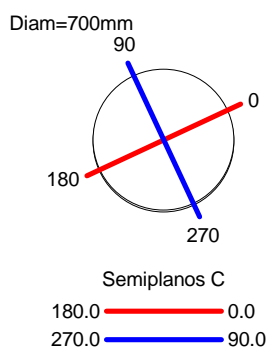
Code 1560XX/1X
Name LAMINGO

Measur.

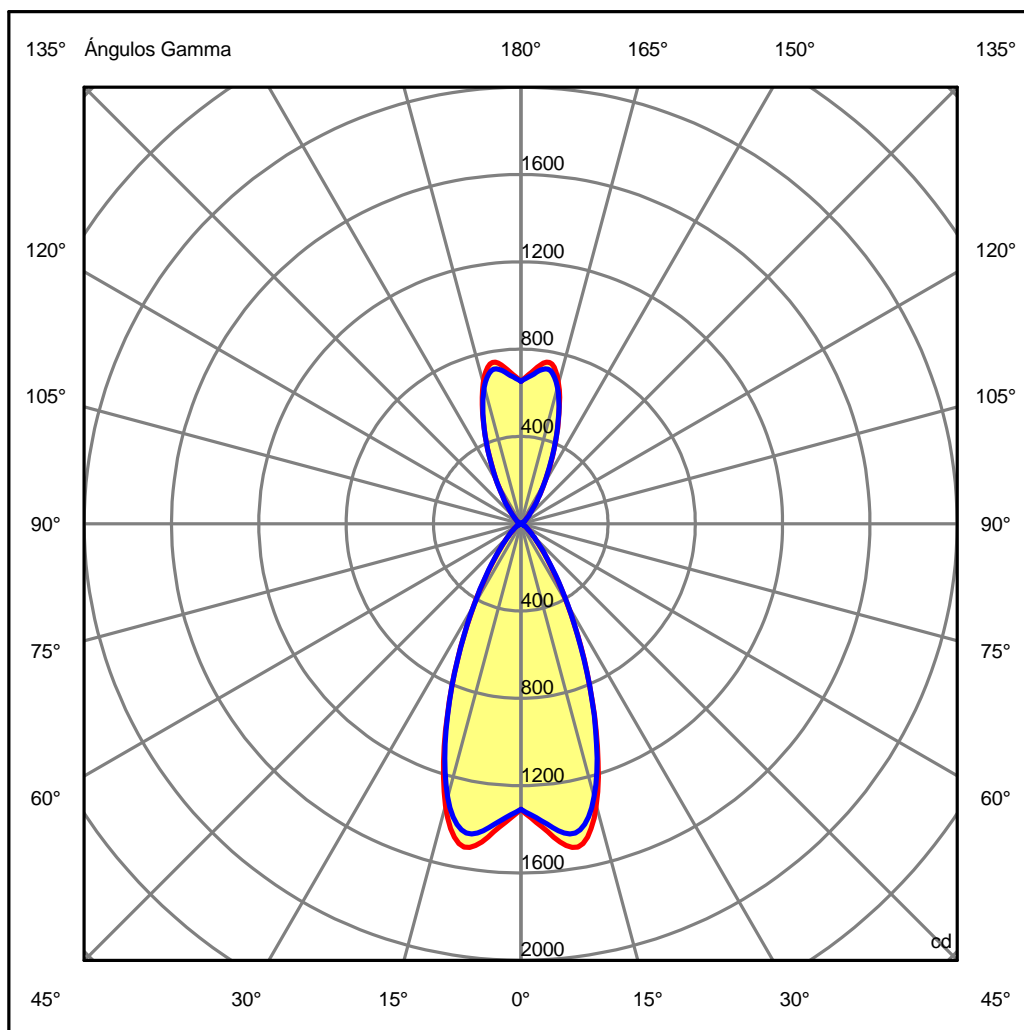
Code CL252A19F029G
Name 2700K CRI90

Luminaire Flux	1664.91 lm	Luminaire Power	29.70 W	Efficacy	56.06 lm/W	Efficiency	100.00%	
Sources Flux	1664.91 lm	Maximum value	1503.18 cd	Position	C=0.00 G=10.00	CG	Asymmetrical	
Round Luminaire	Diam.	700 mm	Height	20 mm				
Round Luminous Area	Diam.	700 mm	Height	20 mm				
Horizontal Luminous Area	0.384845 m2		Emitting area on Plane 180°					0.014000 m2
Emitting area on Plane 0°	0.014000 m2		Emitting area on Plane 270°					0.014000 m2
Emitting area on Plane 90°	0.014000 m2		Glare area at 76°		0.106687 m2			
Coordinate system	CG	Symmetry Type		Asymmetrical				
Date	12-06-2019	Maximum Gamma Angle		180				
Measurement Distance	1.70	Measurement Flux		1664.90 lm				
Operator				Rated Voltage	Czibula Grundmann			
Temperature				Rated Current				
Humidity				Photocell				
Notes								

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
NICHIA NF2L757GRT-V1 sm 353 + OPTICA3x 5750134 + ÓPTICA				Name 3x LED 5,6W 500mA		1664.91	29.70	1
C.I.E.	90 98 100 67 100			D DIN 5040 B NBN		B61		
F UTE	0.67 A + 0.33 T					BZ 1		



ULOR 33.33 %
DLOR 66.67 %
RN 33.33 %



Luminaire
Code 1560XX/1X
Name LAMINGO
Measur.
Code CL252A19F029G
Name 2700K CRI90

Luminaire Flux	1664.91 lm		Luminaire Power		29.70 W		Efficacy		56.06 lm/W		Efficiency		100.00%
Sources Flux	1664.91 lm		Maximum value		1503.18 cd		Position		C=0.00 G=10.00		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	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73
G 2.5	1358.55	1353.77	1351.10	1354.19	1343.18	1348.21	1340.98	1348.21	1343.18	1354.19	1351.10	1353.77	1358.55
G 5.0	1416.41	1409.37	1398.28	1396.04	1387.68	1393.82	1380.21	1393.82	1387.68	1396.04	1398.28	1409.37	1416.41
G 7.5	1478.59	1473.34	1458.80	1456.53	1440.69	1442.12	1423.64	1442.12	1440.69	1456.53	1458.80	1473.34	1478.59
G 10.0	1503.18	1501.62	1486.11	1484.59	1463.26	1460.47	1438.61	1460.47	1463.26	1484.59	1486.11	1501.62	1503.18
G 12.5	1451.36	1453.09	1439.31	1439.09	1418.42	1417.68	1394.01	1417.68	1418.42	1439.09	1439.31	1453.09	1451.36
G 15.0	1335.62	1341.39	1330.20	1332.30	1315.57	1318.40	1295.85	1318.40	1315.57	1332.30	1330.20	1341.39	1335.62
G 17.5	1180.82	1192.28	1182.77	1188.29	1175.04	1177.63	1159.71	1177.63	1175.04	1188.29	1182.77	1192.28	1180.82
G 20.0	1009.82	1025.41	1017.25	1025.32	1014.33	1015.71	1002.24	1015.71	1014.33	1025.32	1017.25	1025.41	1009.82
G 22.5	842.28	857.33	851.15	859.13	849.49	852.03	839.59	852.03	849.49	859.13	851.15	857.33	842.28
G 25.0	686.94	698.36	694.66	701.30	693.30	696.68	684.72	696.68	693.30	701.30	694.66	698.36	686.94
G 27.5	548.93	556.26	555.14	560.83	555.68	556.71	547.83	556.71	555.68	560.83	555.14	556.26	548.93
G 30.0	429.83	434.78	435.76	440.87	438.15	436.13	431.25	436.13	438.15	440.87	435.76	434.78	429.83
G 32.5	330.22	335.60	337.71	342.22	340.04	337.18	334.93	337.18	340.04	342.22	337.71	335.60	330.22
G 35.0	250.19	256.22	258.50	262.47	260.27	258.09	257.12	258.09	260.27	262.47	258.50	256.22	250.19
G 37.5	189.05	193.46	195.16	198.72	197.47	196.12	195.68	196.12	197.47	198.72	195.16	193.46	189.05
G 40.0	143.39	145.77	146.69	149.58	149.40	148.82	148.40	148.82	149.40	149.58	146.69	145.77	143.39
G 42.5	109.46	111.48	112.01	113.65	113.64	113.71	113.08	113.71	113.64	113.65	112.01	111.48	109.46
G 45.0	84.70	87.03	87.62	88.11	87.74	88.09	87.26	88.09	87.74	88.11	87.62	87.03	84.70
G 47.5	66.89	68.78	69.78	69.87	69.25	69.30	68.50	69.30	69.25	69.87	69.78	68.78	66.89
G 50.0	53.71	54.91	56.15	56.23	55.61	55.16	54.60	55.16	55.61	56.23	56.15	54.91	53.71
G 52.5	43.24	44.18	45.09	45.08	44.65	43.89	43.73	43.89	44.65	45.08	45.09	44.18	43.24
G 55.0	35.10	35.97	36.35	36.24	35.95	35.07	35.23	35.07	35.95	36.24	36.35	35.97	35.10
G 57.5	29.18	29.80	29.89	29.81	29.37	28.48	28.73	28.48	29.37	29.81	29.89	29.80	29.18
G 60.0	24.71	25.03	25.03	25.02	24.31	23.41	23.63	23.41	24.31	25.02	25.03	25.03	24.71
G 62.5	20.85	21.05	20.99	20.96	20.14	19.13	19.37	19.13	20.14	20.96	20.99	21.05	20.85
G 65.0	17.21	17.42	17.34	17.30	16.49	15.40	15.65	15.40	16.49	17.30	17.34	17.42	17.21
G 67.5	13.62	13.89	13.82	13.85	13.13	12.10	12.29	12.10	13.13	13.85	13.82	13.89	13.62
G 70.0	10.27	10.57	10.54	10.66	10.05	9.22	9.29	9.22	10.05	10.66	10.54	10.57	10.27
G 72.5	7.39	7.63	7.66	7.77	7.30	6.74	6.67	6.74	7.30	7.77	7.66	7.63	7.39
G 75.0	4.92	5.09	5.16	5.21	4.91	4.64	4.48	4.64	4.91	5.21	5.16	5.09	4.92
G 77.5	2.80	2.94	3.05	3.05	2.93	2.92	2.76	2.92	2.93	3.05	3.05	2.94	2.80
G 80.0	1.28	1.41	1.52	1.50	1.53	1.68	1.56	1.68	1.53	1.50	1.52	1.41	1.28
G 82.5	0.57	0.65	0.72	0.70	0.84	0.98	0.89	0.98	0.84	0.70	0.72	0.65	0.57
G 85.0	0.35	0.38	0.40	0.38	0.59	0.64	0.60	0.64	0.59	0.38	0.40	0.38	0.35
G 87.5	0.25	0.26	0.25	0.23	0.45	0.48	0.49	0.48	0.45	0.23	0.25	0.26	0.25
G 90.0	0.27	0.25	0.22	0.18	0.52	0.58	0.70	0.58	0.52	0.18	0.22	0.25	0.27
G 92.5	0.13	0.13	0.12	0.12	0.23	0.24	0.25	0.24	0.23	0.12	0.12	0.13	0.13
G 95.0	0.18	0.19	0.20	0.19	0.29	0.32	0.30	0.32	0.29	0.19	0.20	0.19	0.18
G 97.5	0.28	0.33	0.36	0.35	0.42	0.49	0.45	0.49	0.42	0.35	0.36	0.33	0.28
G100.0	0.64	0.70	0.76	0.75	0.76	0.84	0.78	0.84	0.76	0.75	0.76	0.70	0.64
G102.5	1.40	1.47	1.52	1.53	1.46	1.46	1.38	1.46	1.46	1.53	1.52	1.47	1.40
G105.0	2.46	2.55	2.58	2.61	2.46	2.32	2.24	2.32	2.46	2.61	2.58	2.55	2.46
G107.5	3.70	3.82	3.83	3.88	3.65	3.37	3.34	3.37	3.65	3.88	3.83	3.82	3.70
G110.0	5.14	5.28	5.27	5.33	5.02	4.61	4.65	4.61	5.02	5.33	5.27	5.28	5.14
G112.5	6.81	6.94	6.91	6.93	6.56	6.05	6.15	6.05	6.56	6.93	6.91	6.94	6.81
G115.0	8.61	8.71	8.67	8.65	8.25	7.70	7.83	7.70	8.25	8.65	8.67	8.71	8.61
G117.5	10.42	10.52	10.50	10.48	10.07	9.57	9.68	9.57	10.07	10.48	10.50	10.52	10.42
G120.0	12.35	12.52	12.52	12.51	12.16	11.70	11.82	11.70	12.16	12.51	12.52	12.52	12.35
G122.5	14.59	14.90	14.95	14.91	14.68	14.24	14.37	14.24	14.68	14.91	14.95	14.90	14.59
G125.0	17.55	17.98	18.17	18.12	17.98	17.54	17.62	17.54	17.98	18.12	18.17	17.98	17.55
G127.5	21.62	22.09	22.54	22.54	22.33	21.94	21.86	21.94	22.33	22.54	22.09	21.62	21.62
G130.0	26.86	27.45	28.08	28.12	27.80	27.58	27.30	27.58	27.80	28.12	28.08	27.45	26.86
G132.5	33.45	34.39	34.89	34.94	34.62	34.65	34.25	34.65	34.62	34.94	34.89	34.39	33.45
G135.0	42.35	43.51	43.81	44.06	43.87	44.04	43.63	44.04	43.87	44.06	43.81	43.51	42.35
G137.5	54.73	55.74	56.01	56.82	56.82	56.86	56.54	56.86	56.82	56.82	56.01	55.74	54.73
G140.0	71.70	72.88	73.35	74.79	74.70	74.41	74.20	74.41	74.70	74.79	73.35	72.88	71.70
G142.5	94.52	96.73	97.58	99.36	98.74	98.06	97.84	98.06	98.74	99.36	97.58	96.73	94.52
G145.0	125.10	128.11	129.25	131.23	130.14	129.04	128.56	129.04	130.14	131.23	129.25	128.11	125.10
G147.5	165.11	167.80	168.86	171.11	170.02	168.59	167.46	168.59	170.02	171.11	168.86	167.80	165.11
G150.0	214.92	217.39	217.88	220.43	219.07	218.06	215.62	218.06	219.07	220.43	217.88	217.39	214.92
G152.5	274.46	278.13	277.57	280.42	277.84	278.36	273.91	278.36	277.84	280.42	277.57	278.13	274.46
G155.0	343.47	349.18	347.33	350.65	346.65	348.34	342.36	348.34	346.65	350.65	347.33	349.18	343.47
G157.5	421.14	428.66	425.57	429.57	424.74	426.01	419.80	426.01	424.74	429.57	425.57	428.66	421.14
G160.0	504.91	512.70	508.63	512.66	507.17	507.86	501.12	507.86	507.17	512.66	508.63	512.70	504.91
G162.5	590.41	596.14	591.38	594.14	587.52	588.82	579.85	588.82	587.52	594.14	591.38	596.14	590.41
G165.0	667.81	670.69	665.10	666.15	657.79	659.20	647.93	659.20	657.79	666.15	665.10	670.69	667.81
G167.5	725.68	726.55	719.66	719.55	709.21	708.84	697.01	708.84	709.21	719.55	719.66	726.55	725.68
G170.0	751.59	750.81	743.05	742.30	731.63	730.24	719.31	730.24	731.63	742.30	743.05	750.81	751.59
G172.5	739.29	736.67	729.40	728.27	720.35	721.06	711.82	721.06	720.35	728.27	729.40	736.67	739.29
G175.0	708.21	704.68	699.14	698.02	693.84	696.91	690.10	696.91	693.84	698.02	699.14	704.68	708.21
G177.5	679.27	676.89	675.55	677.10	671.59	674.11	670.49	674.11	671.59	677.10	675.55	676.89	679.27
G180.0	653.86	653.86	653.86	653.86	653.86	653.86	653.86	653.86	653.86	653.86	653.86		

Luminaire

Code 1560XX/1X

Name LAMINGO

Measur.

Code CL252A19F029G

Name 2700K CRI90

Luminaire Flux	1664.91 lm	Luminaire Power		29.70 W	Efficacy		56.06 lm/W	Efficiency		100.00%	
Sources Flux	1664.91 lm	Maximum value		1503.18 cd	Position		C=0.00 G=10.00	CG Asymmetrical			
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	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73	1307.73
G 2.5	1353.77	1351.10	1354.19	1343.18	1348.21	1340.98	1348.21	1343.18	1354.19	1351.10	1353.77
G 5.0	1409.37	1398.28	1396.04	1387.68	1393.82	1380.21	1393.82	1387.68	1396.04	1398.28	1409.37
G 7.5	1473.34	1458.80	1456.53	1440.69	1442.12	1423.64	1442.12	1440.69	1456.53	1458.80	1473.34
G 10.0	1501.62	1486.11	1484.59	1463.26	1460.47	1438.61	1460.47	1463.26	1484.59	1486.11	1501.62
G 12.5	1453.09	1439.31	1439.09	1418.42	1417.68	1394.01	1417.68	1418.42	1439.09	1439.31	1453.09
G 15.0	1341.39	1330.20	1332.30	1315.57	1318.40	1295.85	1318.40	1315.57	1332.30	1330.20	1341.39
G 17.5	1192.28	1182.77	1188.29	1175.04	1177.63	1159.71	1177.63	1175.04	1188.29	1182.77	1192.28
G 20.0	1025.41	1017.25	1025.32	1014.33	1015.71	1002.24	1015.71	1014.33	1025.32	1017.25	1025.41
G 22.5	857.33	851.15	859.13	849.49	852.03	839.59	852.03	849.49	859.13	851.15	857.33
G 25.0	698.36	694.66	701.30	693.30	696.68	684.72	696.68	693.30	701.30	694.66	698.36
G 27.5	556.26	555.14	560.83	555.68	556.71	547.83	556.71	555.68	560.83	555.14	556.26
G 30.0	434.78	435.76	440.87	438.15	436.13	431.25	436.13	438.15	440.87	435.76	434.78
G 32.5	335.60	337.71	342.22	340.04	337.18	334.93	337.18	340.04	342.22	337.71	335.60
G 35.0	256.22	258.50	262.47	260.27	258.09	257.12	258.09	260.27	262.47	258.50	256.22
G 37.5	193.46	195.16	198.72	197.47	196.12	195.68	196.12	197.47	198.72	195.16	193.46
G 40.0	145.77	146.69	149.58	149.40	148.82	148.40	148.82	149.40	149.58	146.69	145.77
G 42.5	111.48	112.01	113.65	113.64	113.71	113.08	113.71	113.64	113.65	112.01	111.48
G 45.0	87.03	87.62	88.11	87.74	88.09	87.26	88.09	87.74	88.11	87.62	87.03
G 47.5	68.78	69.78	69.87	69.25	69.30	68.50	69.30	69.25	69.87	69.78	68.78
G 50.0	54.91	56.15	56.23	55.61	55.16	54.60	55.16	55.61	56.23	56.15	54.91
G 52.5	44.18	45.09	45.08	44.65	43.89	43.73	43.89	44.65	45.08	45.09	44.18
G 55.0	35.97	36.35	36.24	35.95	35.07	35.23	35.07	35.95	36.24	36.35	35.97
G 57.5	29.80	29.89	29.81	29.37	28.48	28.73	28.48	29.37	29.81	29.89	29.80
G 60.0	25.03	25.03	25.02	24.31	23.41	23.63	23.41	24.31	25.02	25.03	25.03
G 62.5	21.05	20.99	20.96	20.14	19.13	19.37	19.13	20.14	20.96	20.99	21.05
G 65.0	17.42	17.34	17.30	16.49	15.40	15.65	15.40	16.49	17.30	17.34	17.42
G 67.5	13.89	13.82	13.85	13.13	12.10	12.29	12.10	13.13	13.85	13.82	13.89
G 70.0	10.57	10.54	10.66	10.05	9.22	9.29	9.22	10.05	10.66	10.54	10.57
G 72.5	7.63	7.66	7.77	7.30	6.74	6.67	6.74	7.30	7.77	7.66	7.63
G 75.0	5.09	5.16	5.21	4.91	4.64	4.48	4.64	4.91	5.21	5.16	5.09
G 77.5	2.94	3.05	3.05	2.93	2.92	2.76	2.92	2.93	3.05	3.05	2.94
G 80.0	1.41	1.52	1.50	1.53	1.68	1.56	1.68	1.53	1.50	1.52	1.41
G 82.5	0.65	0.72	0.70	0.84	0.98	0.89	0.98	0.84	0.70	0.72	0.65
G 85.0	0.38	0.40	0.38	0.59	0.64	0.60	0.64	0.59	0.38	0.40	0.38
G 87.5	0.26	0.25	0.23	0.45	0.48	0.49	0.48	0.45	0.23	0.25	0.26
G 90.0	0.25	0.22	0.18	0.52	0.58	0.70	0.58	0.52	0.18	0.22	0.25
G 92.5	0.13	0.12	0.12	0.23	0.24	0.25	0.24	0.23	0.12	0.12	0.13
G 95.0	0.19	0.20	0.19	0.29	0.32	0.30	0.32	0.29	0.19	0.20	0.19
G 97.5	0.33	0.36	0.35	0.42	0.49	0.45	0.49	0.42	0.35	0.36	0.33
G100.0	0.70	0.76	0.75	0.76	0.84	0.78	0.84	0.76	0.75	0.76	0.70
G102.5	1.47	1.52	1.53	1.46	1.46	1.38	1.46	1.46	1.53	1.52	1.47
G105.0	2.55	2.58	2.61	2.46	2.32	2.24	2.32	2.46	2.61	2.58	2.55
G107.5	3.82	3.83	3.88	3.65	3.37	3.34	3.37	3.65	3.88	3.83	3.82
G110.0	5.28	5.27	5.33	5.02	4.61	4.65	4.61	5.02	5.33	5.27	5.28
G112.5	6.94	6.91	6.93	6.56	6.05	6.15	6.05	6.56	6.93	6.91	6.94
G115.0	8.71	8.67	8.65	8.25	7.70	7.83	7.70	8.25	8.65	8.67	8.71
G117.5	10.52	10.50	10.48	10.07	9.57	9.68	9.57	10.07	10.48	10.50	10.52
G120.0	12.52	12.52	12.51	12.16	11.70	11.82	11.70	12.16	12.51	12.52	12.52
G122.5	14.90	14.95	14.91	14.68	14.24	14.37	14.24	14.68	14.91	14.95	14.90
G125.0	17.98	18.17	18.12	17.98	17.54	17.62	17.54	17.98	18.12	18.17	17.98
G127.5	22.09	22.54	22.54	22.33	21.94	21.86	21.94	22.33	22.54	22.54	22.09
G130.0	27.45	28.08	28.12	27.80	27.58	27.30	27.58	27.80	28.12	28.08	27.45
G132.5	34.39	34.89	34.94	34.62	34.65	34.25	34.65	34.62	34.94	34.89	34.39
G135.0	43.51	43.81	44.06	43.87	44.04	43.63	44.04	43.87	44.06	43.81	43.51
G137.5	55.74	56.01	56.82	56.82	56.86	56.54	56.86	56.82	56.82	56.01	55.74
G140.0	72.88	73.35	74.79	74.70	74.41	74.20	74.41	74.70	74.79	73.35	72.88
G142.5	96.73	97.58	99.36	98.74	98.06	97.84	98.06	98.74	99.36	97.58	96.73
G145.0	128.11	129.25	131.23	130.14	129.04	128.56	129.04	130.14	131.23	129.25	128.11
G147.5	167.80	168.86	171.11	170.02	168.59	167.46	168.59	170.02	171.11	168.86	167.80
G150.0	217.39	217.88	220.43	219.07	218.06	215.62	218.06	219.07	220.43	217.88	217.39
G152.5	278.13	277.57	280.42	277.84	278.36	273.91	278.36	277.84	280.42	277.57	278.13
G155.0	349.18	347.33	350.65	346.65	348.34	342.36	348.34	346.65	350.65	347.33	349.18
G157.5	428.66	425.57	429.57	424.74	426.01	419.80	426.01	424.74	429.57	425.57	428.66
G160.0	512.70	508.63	512.66	507.17	507.86	501.12	507.86	507.17	512.66	508.63	512.70
G162.5	596.14	591.38	594.14	587.52	588.82	579.85	588.82	587.52	594.14	591.38	596.14
G165.0	670.69	665.10	666.15	657.79	659.20	647.93	659.20	657.79	666.15	665.10	670.69
G167.5	726.55	719.66	719.55	709.21	708.84	697.01	708.84	709.21	719.55	719.66	726.55
G170.0	750.81	743.05	742.30	731.63	730.24	719.31	730.24	731.63	742.30	743.05	750.81
G172.5	736.67	729.40	728.27	720.35	721.06	711.82	721.06	720.35	728.27	729.40	736.67
G175.0	704.68	699.14	698.02	693.84	696.91	690.10	696.91	693.84	698.02	699.14	704.68
G177.5	676.89	675.55	677.10	671.59	674.11	670.49	674.11	671.59	677.10	675.55	676.89
G180.0	653.86	653.86	653.86	653.86	653.86	653.86	653.86	653.86	653.86	653.86	653.86

Luminaire

Code 1560XX/1X

Name LAMINGO

Measur.

Code CL252A19F029G

Name 2700K CRI90

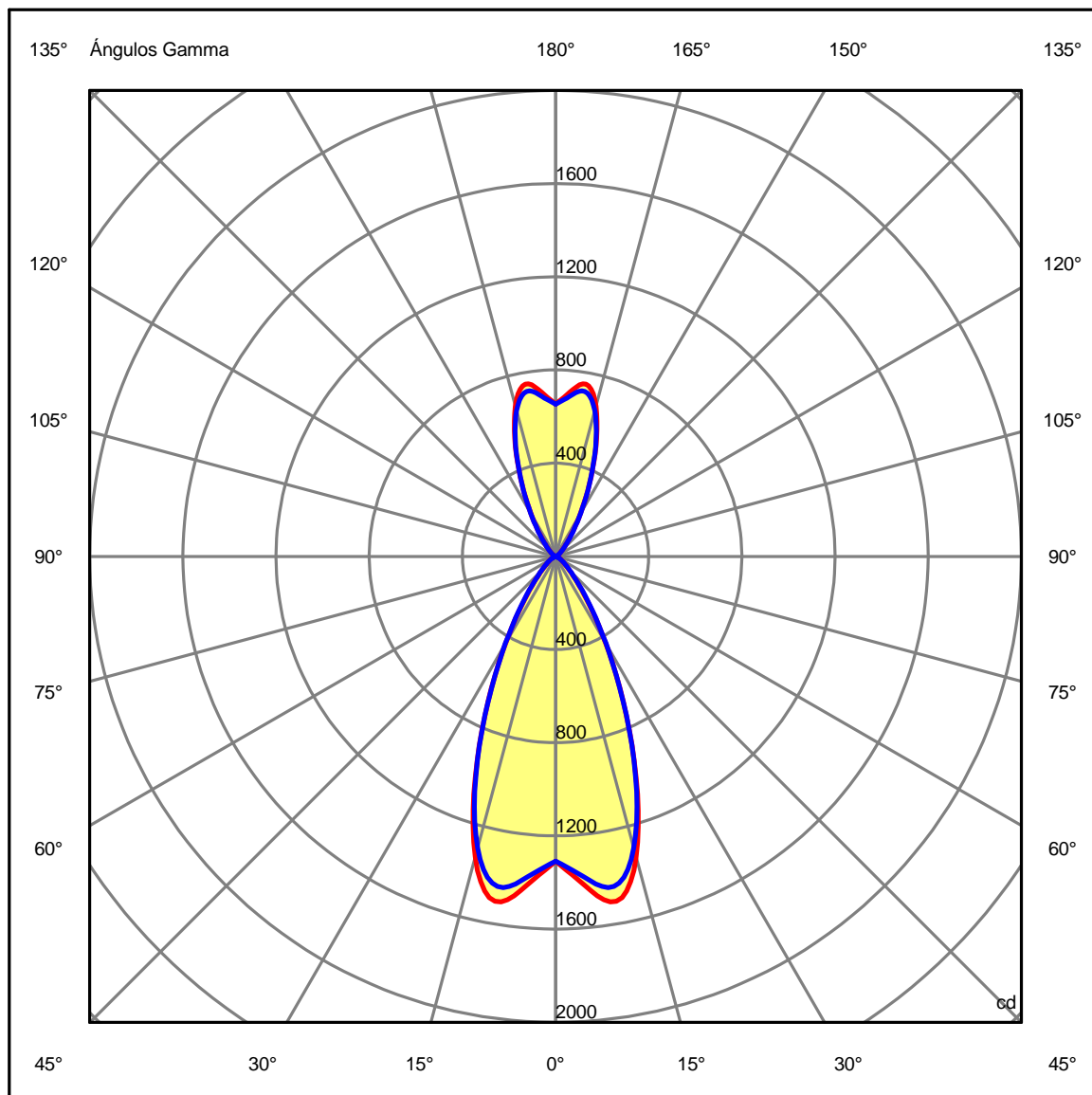
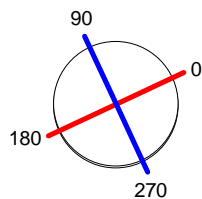
Luminaire Flux	1664.91 lm	Luminaire Power	29.70 W	Efficacy	56.06 lm/W	Efficiency	100.00%
Sources Flux	1664.91 lm	Maximum value	1503.18 cd	Position	C=0.00 G=10.00	CG	Asymmetrical

Diam=700mm

Semiplanos C

180.0 — 0.0

270.0 — 90.0



Luminaire

Code 1560XX/1X

Name LAMINGO

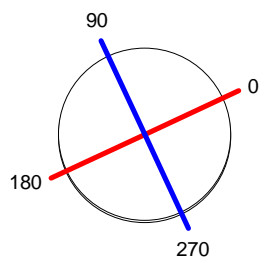
Measurem.

Code CL252A19F029G

Name 2700K CRI90

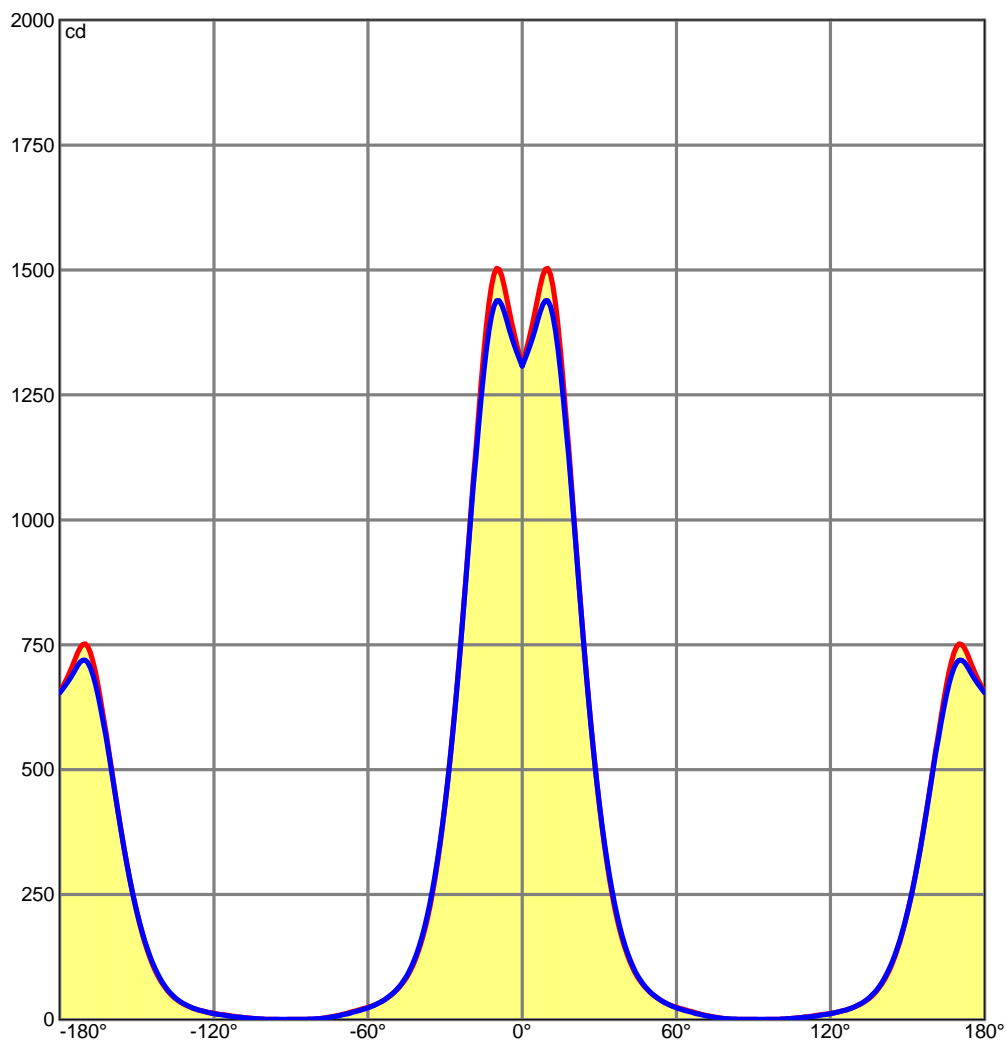
Luminaire Flux	1664.91 lm	Luminaire Power	29.70 W	Efficacy	56.06 lm/W	Efficiency	100.00%
Sources Flux	1664.91 lm	Maximum value	1503.18 cd	Position	C=0.00 G=10.00	CG	Asymmetrical

Diam=700mm



Semiplanos C

180.0 ——— 0.0
270.0 ——— 90.0



Luminaire

Code 1560XX/1X

Name LAMINGO

Measurem.

Code CL252A19F029G

Name 2700K CRI90

Luminaire Flux	1664.91 lm	Luminaire Power	29.70 W	Efficacy	56.06 lm/W	Efficiency	100.00%
Sources Flux	1664.91 lm	Maximum value	1503.18 cd	Position	C=0.00 G=10.00	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
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	1.0	1.7	1.7	2.3	3.1	1.0	1.7	1.7	2.3	3.1
x=2H y=3H	1.1	1.7	1.9	2.4	3.2	1.0	1.6	1.8	2.3	3.2
x=2H y=4H	1.1	1.6	1.8	2.3	3.2	1.0	1.5	1.7	2.3	3.1
x=2H y=6H	1.0	1.5	1.8	2.2	3.1	0.9	1.4	1.7	2.1	3.0
x=2H y=8H	0.9	1.4	1.7	2.1	3.1	0.8	1.3	1.6	2.1	3.0
x=2H y=12H	0.9	1.3	1.6	2.1	3.0	0.8	1.2	1.6	2.0	2.9
x=4H y=2H	0.9	1.5	1.7	2.2	3.0	0.9	1.5	1.7	2.2	3.0
x=4H y=3H	1.1	1.5	1.9	2.3	3.2	1.0	1.5	1.8	2.2	3.1
x=4H y=4H	1.1	1.5	1.9	2.3	3.2	1.0	1.4	1.8	2.2	3.1
x=4H y=6H	1.0	1.3	1.8	2.1	3.1	0.9	1.2	1.7	2.0	3.0
x=4H y=8H	0.9	1.2	1.8	2.0	3.1	0.8	1.1	1.7	2.0	3.0
x=4H y=12H	0.9	1.1	1.7	2.0	3.0	0.8	1.0	1.7	1.9	2.9
x=8H y=4H	1.0	1.2	1.8	2.1	3.1	0.9	1.2	1.7	2.0	3.0
x=8H y=6H	0.9	1.1	1.7	2.0	3.0	0.8	1.0	1.7	1.9	2.9
x=8H y=8H	0.8	1.0	1.7	1.9	2.9	0.7	0.9	1.6	1.8	2.9
x=8H y=12H	0.7	0.9	1.6	1.8	2.9	0.6	0.8	1.5	1.7	2.8
x=12H y=4H	0.9	1.2	1.8	2.0	3.0	0.8	1.1	1.7	1.9	2.9
x=12H y=6H	0.8	1.0	1.7	1.9	2.9	0.7	0.9	1.6	1.8	2.9
x=12H y=8H	0.7	0.9	1.6	1.8	2.9	0.6	0.8	1.5	1.7	2.8

Luminaire

Code 1560XX/1X

Name LAMINGO

Measurem.

Code CL252A19F029G

Name 2700K CRI90

Luminaire Flux	1664.91 lm	Luminaire Power	29.70 W	Efficacy	56.06 lm/W	Efficiency	100.00%
Sources Flux	1664.91 lm	Maximum value	1503.18 cd	Position	C=0.00 G=10.00	CG Asymmetrical	

Flujo Total=1664.91 Flujo Luminaria=1664.91

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	0.65	0.71	0.76	0.81	0.84	0.89	0.92	0.95	0.97	0.98	1.00	1.01
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	82	298	490	590	633	653	663	666	667	667	669	674	684	705	755	851	959	1000

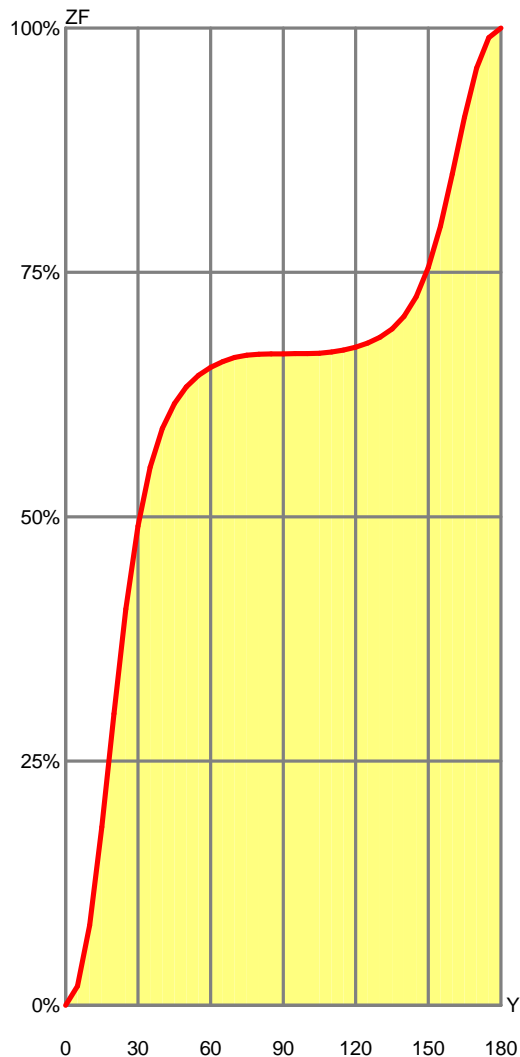
Códigos de Flujo C.I.E.

90 98 100 67 100

C.I.E.
D DIN 5040
F UTE
B NBN
RN
BLF

-/-/-/-/-/-/-/-/-/-
B61
0.67 A + 0.33 T
BZ 1
33.33437 %
1.0

LOR 100.00000 %
ULOR 33.33437 %
DLOR 66.66563 %
UFF 33.33437 %
DFF 66.66563 %
FFR 50.00234 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	19.57	19.57	1.96 %	1.96 %
10°	62.27	81.83	6.23 %	8.18 %
15°	100.69	182.52	10.07 %	18.25 %
20°	115.92	298.44	11.59 %	29.84 %
25°	107.05	405.49	10.71 %	40.55 %
30°	84.80	490.29	8.48 %	49.03 %
35°	60.29	550.58	6.03 %	55.06 %
40°	39.78	590.36	3.98 %	59.04 %
45°	25.52	615.88	2.55 %	61.59 %
50°	17.01	632.89	1.70 %	63.29 %
55°	11.73	644.62	1.17 %	64.46 %
60°	8.25	652.87	0.83 %	65.29 %
65°	5.98	658.85	0.60 %	65.89 %
70°	4.06	662.91	0.41 %	66.29 %
75°	2.34	665.25	0.23 %	66.53 %
80°	0.99	666.24	0.10 %	66.62 %
85°	0.29	666.53	0.03 %	66.65 %
90°	0.13	666.66	0.01 %	66.67 %
95°	0.08	666.73	0.01 %	66.67 %
100°	0.14	666.88	0.01 %	66.69 %
105°	0.50	667.37	0.05 %	66.74 %
110°	1.17	668.54	0.12 %	66.85 %
115°	2.03	670.57	0.20 %	67.06 %
120°	2.99	673.56	0.30 %	67.36 %
125°	4.13	677.69	0.41 %	67.77 %
130°	5.86	683.55	0.59 %	68.36 %
135°	8.51	692.06	0.85 %	69.21 %
140°	12.76	704.82	1.28 %	70.48 %
145°	19.89	724.71	1.99 %	72.47 %
150°	30.14	754.85	3.01 %	75.49 %
155°	42.40	797.25	4.24 %	79.73 %
160°	53.53	850.78	5.35 %	85.08 %
165°	57.96	908.74	5.80 %	90.87 %
170°	50.34	959.08	5.03 %	95.91 %
175°	31.13	990.22	3.11 %	99.02 %
180°	9.78	1000.00	0.98 %	100.00 %

Luminaire

Code 1560XX/1X
Name LAMINGO

Measurem.

Code CL252A19F029G
Name 2700K CRI90

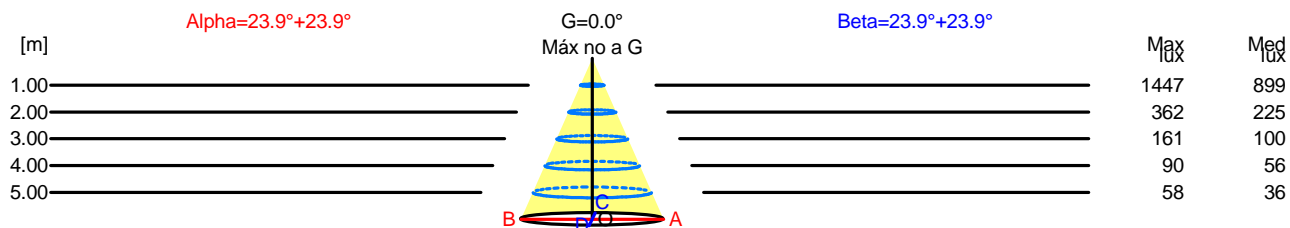
Luminaire Flux	1664.91 lm	Luminaire Power	29.70 W	Efficacy	56.06 lm/W	Efficiency	100.00%
Sources Flux	1664.91 lm	Maximum value	1503.18 cd	Position	C=0.00 G=10.00	CG Asymmetrical	

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	0.44	0.89	1.33	1.78	2.22	OC	0.44	0.89	1.33	1.77	2.22
OB	0.44	0.89	1.33	1.78	2.22	OD	0.44	0.89	1.33	1.77	2.22

Luminous Intensities [cd]

	0	5	15	25	35	45	55	65	75	85
OA	1307.73	1416.41	1335.62	686.94	250.19	84.70	35.10	17.21	4.92	0.35
OB	1307.73	1416.41	1335.62	686.94	250.19	84.70	35.10	17.21	4.92	0.35
OC	1307.73	1380.21	1295.85	684.72	257.12	87.26	35.23	15.65	4.48	0.60
OD	1307.73	1380.21	1295.85	684.72	257.12	87.26	35.23	15.65	4.48	0.60



H[m]	D[m]	Max lux	Med lux	Alpha=23.9°+23.9°	G=0.0 Máx no a G	
1.00	0.89	1447	899			
2.00	1.78	362	225			
3.00	2.66	161	100			
4.00	3.55	90	56			
5.00	4.44	58	36			

H[m]	D[m]	Max lux	Med lux	Beta=23.9°+23.9°	G=0.0 Máx no a G	
1.00	0.89	1447	899			
2.00	1.77	362	225			
3.00	2.66	161	100			
4.00	3.54	90	56			
5.00	4.43	58	36			

Luminaire

Code 1560XX/1X

Name LAMINGO

Measurem.

Code CL252A19F029G

Name 2700K CRI90

Luminaire Flux	1664.91 lm	Luminaire Power	29.70 W	Efficacy	56.06 lm/W	Efficiency	100.00%
Sources Flux	1664.91 lm	Maximum value	1503.18 cd	Position	C=0.00 G=10.00	CG	Asymmetrical

Isolux (Floor)

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

