



**Koral 450mm**

**PX-0099-INO**

Bollard IP55 Koral 450mm E27 15W Stainless steel



**TECHNICAL FEATURES**

IP55 IK09



Luminaire total power : 15W

Voltage / frequency : 100-240V ~ 50/60Hz

Structure material : Stainless steel AISI202

Warranty : 5 Years

Structure finish : Stainless steel

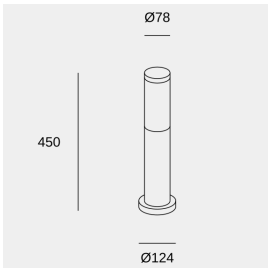
Easily recyclable luminaire

Diffuser material : Polycarbonate

Diffuser finish : Opal

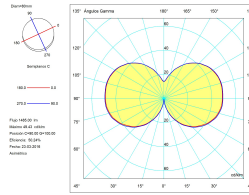
Max. size of light bulb : 167/55 mm

Recommended light bulb : E27



**LUMINOTECHNIC FEATURES**

Lampholder	Quantity	Light source power (W)	Correlated Colour Temperature (CCT)
E27	1	Max. power 15W	-



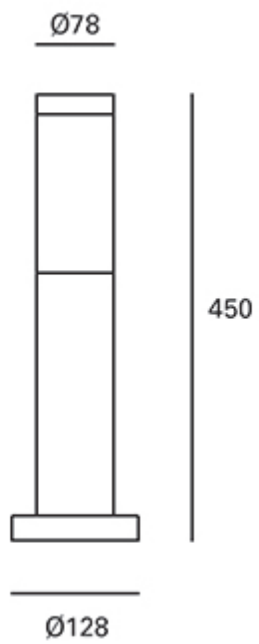
**LOGISTICS**

Net weight (kg): 0.69

Packaged weight (kg): 0.89

Packaging: 135mm x 135mm x 460mm



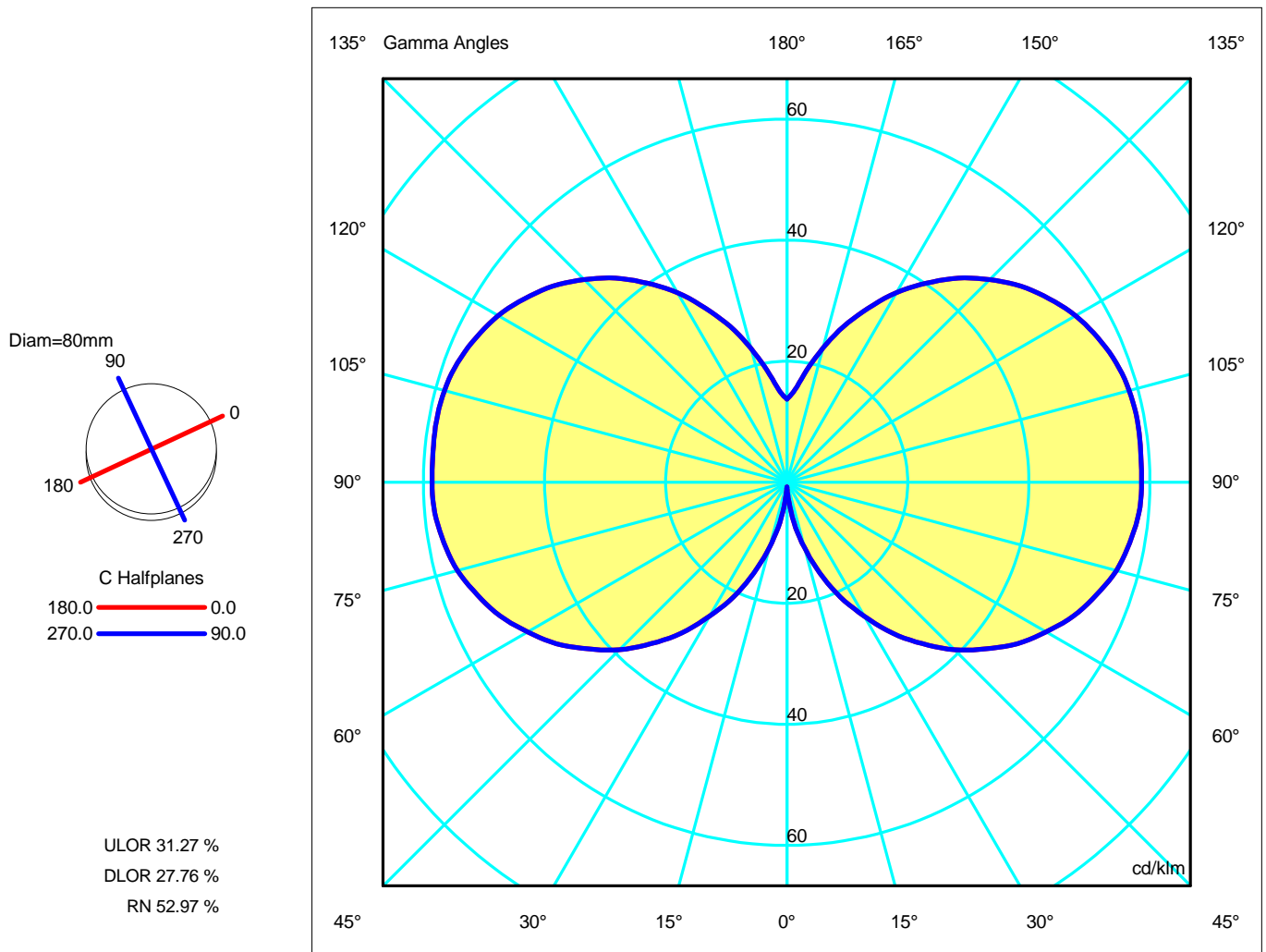


**Luminaire**

Code PX-0099-INO  
 Name Baliza KORAL 23W CFL E27  
**Measur.**  
 Code CL116A17F098G  
 Name Baliza KORAL 23W CFL E27

Luminaire Flux	839.96 lm	Luminaire Power	23.00 W	Efficacy	36.52 lm/W	Efficiency	59.03%
Lamps Flux	1423.00 lm	Maximum value	59.91 cd/klm	Position	C=45.00 G=100.00	CG	Asymmetrical
Round Luminaire Round Luminous Area	Diam. 80 mm Diam. 80 mm	Height	450 mm	Height	160 mm		
Horizontal Luminous Area Emitting area on Plane 0° Emitting area on Plane 90°	0.005027 m2 0.012800 m2 0.012800 m2	Emitting area on Plane 180° Emitting area on Plane 270° Glare area at 76°				0.012800 m2 0.012800 m2 0.013636 m2	
Coordinate system Date Measurement Distance	CG 17-03-2017 0.00	Symmetry Type Maximum Gamma Angle Measurement Flux				Asymmetrical 180 1423.00 lm	
Operator Temperature Humidity Notes	Asselum T2 25.00 °C 60.00 %	Source Voltage [V] Source current [A] Photocell					

Line	Code	Luminaire Lamps Name	Flux [lm]	Pow. [W]	Q.ty
	PHILIPS PL-E 23W	PHILIPS PL-E 23W	1423.00	23.00	1
C.I.E. F UTE	13 37 68 47 59 --	D DIN 5040 B NBN	C12 BZ 10		





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**Luminous Intensity Table cd/klm Table 1/1**

	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
G 0.0	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
G 5.0	2.58	1.46	2.22	1.31	2.22	1.46	2.58	1.46	2.22	1.31	2.22	1.46
G 10.0	6.76	6.58	6.47	6.64	6.47	6.58	6.76	6.58	6.47	6.64	6.47	6.58
G 15.0	11.13	11.06	10.96	11.25	10.96	11.06	11.13	11.06	10.96	11.25	10.96	11.06
G 20.0	15.95	15.86	15.69	16.19	15.69	15.86	15.95	15.86	15.69	16.19	15.69	15.86
G 25.0	20.90	20.74	20.57	21.17	20.57	20.74	20.90	20.74	20.57	21.17	20.57	20.74
G 30.0	25.49	25.51	25.32	26.14	25.32	25.51	25.49	25.51	25.32	26.14	25.32	25.51
G 35.0	30.42	30.27	29.97	30.90	29.97	30.27	30.42	30.27	29.97	30.90	29.97	30.27
G 40.0	34.77	34.53	34.37	35.29	34.37	34.53	34.77	34.53	34.37	35.29	34.37	34.53
G 45.0	39.12	38.83	38.49	39.70	38.49	38.83	39.12	38.83	38.49	39.70	38.49	38.83
G 50.0	42.81	42.47	42.34	43.56	42.34	42.47	42.81	42.47	42.34	43.56	42.34	42.47
G 55.0	46.47	46.07	45.73	47.23	45.73	46.07	46.47	46.07	45.73	47.23	45.73	46.07
G 60.0	49.41	49.04	48.80	50.33	48.80	49.04	49.41	49.04	48.80	50.33	48.80	49.04
G 65.0	52.25	51.81	51.46	53.13	51.46	51.81	52.25	51.81	51.46	53.13	51.46	51.81
G 70.0	54.40	53.96	53.69	55.38	53.69	53.96	54.40	53.96	53.69	55.38	53.69	53.96
G 75.0	56.33	55.76	55.42	57.25	55.42	55.76	56.33	55.76	55.42	57.25	55.42	55.76
G 80.0	57.50	56.95	56.66	58.57	56.66	56.95	57.50	56.95	56.66	58.57	56.66	56.95
G 85.0	58.36	57.78	57.44	59.36	57.44	57.78	58.36	57.78	57.44	59.36	57.44	57.78
G 90.0	58.61	58.03	57.68	59.66	57.68	58.03	58.61	58.03	57.68	59.66	57.68	58.03
G 95.0	58.66	58.14	57.80	59.83	57.80	58.14	58.66	58.14	57.80	59.83	57.80	58.14
G100.0	58.77	58.21	57.85	59.91	57.85	58.21	58.77	58.21	57.85	59.91	57.85	58.21
G105.0	58.55	57.96	57.57	59.67	57.57	57.96	58.55	57.96	57.57	59.67	57.57	57.96
G110.0	57.86	57.29	56.94	59.03	56.94	57.29	57.86	57.29	56.94	59.03	56.94	57.29
G115.0	56.63	56.12	55.82	57.84	55.82	56.12	56.63	56.12	55.82	57.84	55.82	56.12
G120.0	55.07	54.55	54.21	56.09	54.21	54.55	55.07	54.55	54.21	56.09	54.21	54.55
G125.0	52.91	52.32	52.11	54.00	52.11	52.32	52.91	52.32	52.11	54.00	52.11	52.32
G130.0	50.43	49.85	49.61	51.39	49.61	49.85	50.43	49.85	49.61	51.39	49.61	49.85
G135.0	47.38	46.77	46.71	48.26	46.71	46.77	47.38	46.77	46.71	48.26	46.71	46.77
G140.0	44.04	43.54	43.30	44.84	43.30	43.54	44.04	43.54	43.30	44.84	43.30	43.54
G145.0	40.17	39.63	39.67	40.88	39.67	39.63	40.17	39.63	39.67	40.88	39.67	39.63
G150.0	36.22	35.82	35.60	36.77	35.60	35.82	36.22	35.82	35.60	36.77	35.60	35.82
G155.0	31.72	31.36	31.34	32.19	31.34	31.36	31.72	31.36	31.34	32.19	31.34	31.36
G160.0	27.44	27.05	26.94	27.80	26.94	27.05	27.44	27.05	26.94	27.80	26.94	27.05
G165.0	22.92	22.60	22.59	23.24	22.59	22.60	22.92	22.60	22.59	23.24	22.59	22.60
G170.0	18.78	18.54	18.48	19.07	18.48	18.54	18.78	18.54	18.48	19.07	18.48	18.54
G175.0	15.36	15.18	15.13	15.58	15.13	15.18	15.36	15.18	15.13	15.58	15.13	15.18
G180.0	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77

	C 180.00	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	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75	0.75
G 5.0	2.58	1.46	2.22	1.31	2.22	1.46	2.58	1.46	2.22	1.31	2.22	1.46
G 10.0	6.76	6.58	6.47	6.64	6.47	6.58	6.76	6.58	6.47	6.64	6.47	6.58
G 15.0	11.13	11.06	10.96	11.25	10.96	11.06	11.13	11.06	10.96	11.25	10.96	11.06
G 20.0	15.95	15.86	15.69	16.19	15.69	15.86	15.95	15.86	15.69	16.19	15.69	15.86
G 25.0	20.90	20.74	20.57	21.17	20.57	20.74	20.90	20.74	20.57	21.17	20.57	20.74
G 30.0	25.49	25.51	25.32	26.14	25.32	25.51	25.49	25.51	25.32	26.14	25.32	25.51
G 35.0	30.42	30.27	29.97	30.90	29.97	30.27	30.42	30.27	29.97	30.90	29.97	30.27
G 40.0	34.77	34.53	34.37	35.29	34.37	34.53	34.77	34.53	34.37	35.29	34.37	34.53
G 45.0	39.12	38.83	38.49	39.70	38.49	38.83	39.12	38.83	38.49	39.70	38.49	38.83
G 50.0	42.81	42.47	42.34	43.56	42.34	42.47	42.81	42.47	42.34	43.56	42.34	42.47
G 55.0	46.47	46.07	45.73	47.23	45.73	46.07	46.47	46.07	45.73	47.23	45.73	46.07
G 60.0	49.41	49.04	48.80	50.33	48.80	49.04	49.41	49.04	48.80	50.33	48.80	49.04
G 65.0	52.25	51.81	51.46	53.13	51.46	51.81	52.25	51.81	51.46	53.13	51.46	51.81
G 70.0	54.40	53.96	53.69	55.38	53.69	53.96	54.40	53.96	53.69	55.38	53.69	53.96
G 75.0	56.33	55.76	55.42	57.25	55.42	55.76	56.33	55.76	55.42	57.25	55.42	55.76
G 80.0	57.50	56.95	56.66	58.57	56.66	56.95	57.50	56.95	56.66	58.57	56.66	56.95
G 85.0	58.36	57.78	57.44	59.36	57.44	57.78	58.36	57.78	57.44	59.36	57.44	57.78
G 90.0	58.61	58.03	57.68	59.66	57.68	58.03	58.61	58.03	57.68	59.66	57.68	58.03
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G100.0	58.77	58.21	57.85	59.91	57.85	58.21	58.77	58.21	57.85	59.91	57.85	58.21
G105.0	58.55	57.96	57.57	59.67	57.57	57.96	58.55	57.96	57.57	59.67	57.57	57.96
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G125.0	52.91	52.32	52.11	54.00	52.11	52.32	52.91	52.32	52.11	54.00	52.11	52.32
G130.0	50.43	49.85	49.61	51.39	49.61	49.85	50.43	49.85	49.61	51.39	49.61	49.85
G135.0	47.38	46.77	46.71	48.26	46.71	46.77	47.38	46.77	46.71	48.26	46.71	46.77
G140.0	44.04	43.54	43.30	44.84	43.30	43.54	44.04	43.54	43.30	44.84	43.30	43.54
G145.0	40.17	39.63	39.67	40.88	39.67	39.63	40.17	39.63	39.67	40.88	39.67	39.63
G150.0	36.22	35.82	35.60	36.77	35.60	35.82	36.22	35.82	35.60	36.77	35.60	35.82
G155.0	31.72	31.36	31.34	32.19	31.34	31.36	31.72	31.36	31.34	32.19	31.34	31.36
G160.0	27.44	27.05	26.94	27.80	26.94	27.05	27.44	27.05	26.94	27.80	26.94	27.05
G165.0	22.92	22.60	22.59	23.24	22.59	22.60	22.92	22.60	22.59	23.24	22.59	22.60
G170.0	18.78	18.54	18.48	19.07	18.48	18.54	18.78	18.54	18.48	19.07	18.48	18.54
G175.0	15.36	15.18	15.13	15.58	15.13	15.18	15.36	15.18	15.13	15.58	15.13	15.18
G180.0	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77	13.77

**Luminaire**

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 Name Baliza KORAL 23W CFL E27

**Measurment.**

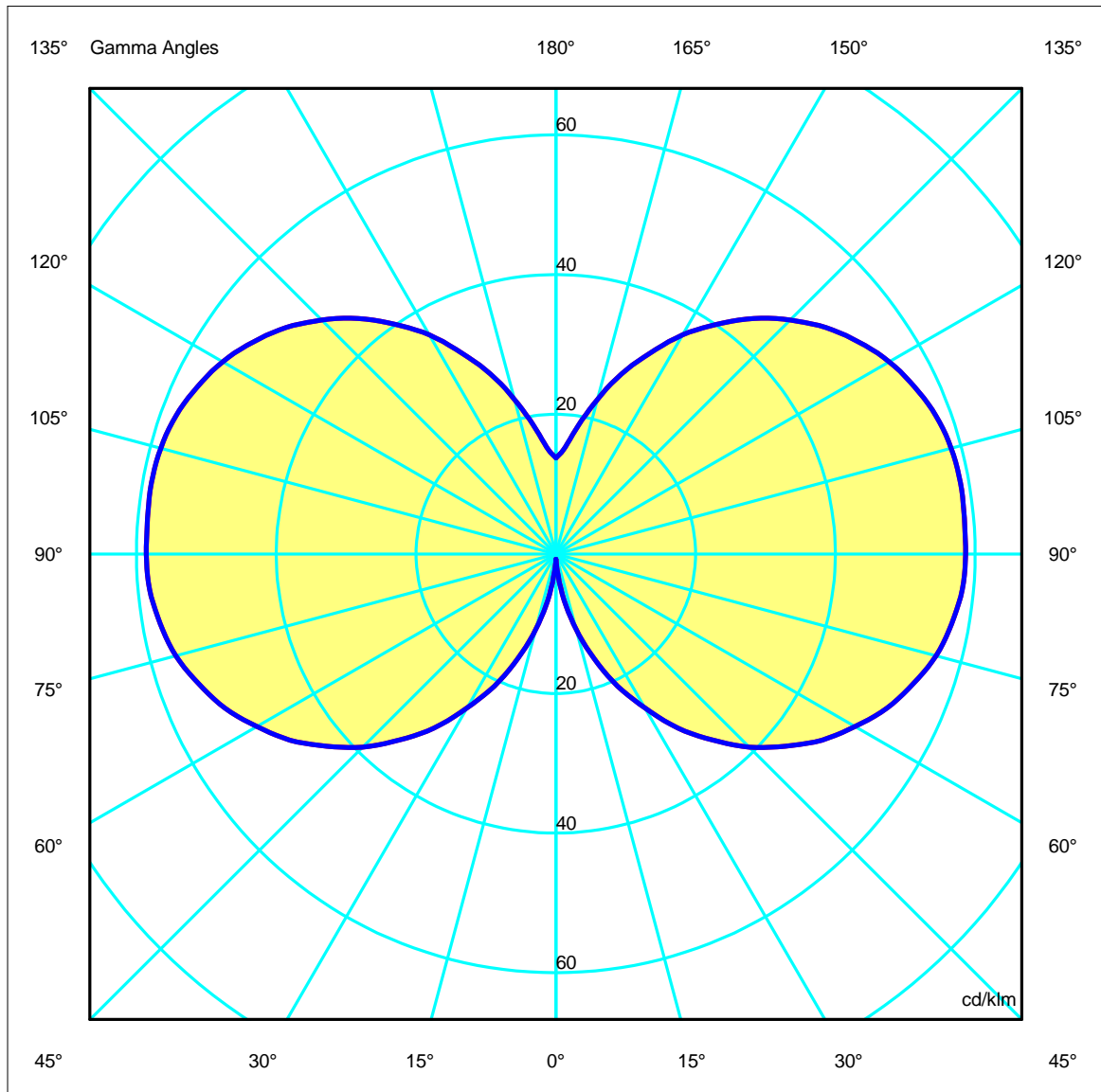
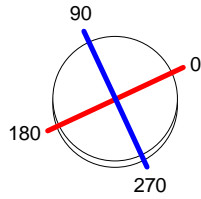
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Lamps Flux	1423.00 lm	Maximum value	59.91 cd/klm	Position	C=45.00 G=100.00	CG	Asymmetrical

Diam=80mm

C Halfplanes

180.0 ——— 0.0  
 270.0 ——— 90.0





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**Measurem.**

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---

Left beam angle not found, gamma = -80

Left beam angle not found, gamma = -80

Left beam angle not found, gamma = -80

**Luminaire**

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**Measurement**

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**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	ViewedCrosswise					ViewedEndwise				
x=2H y=2H	14.3	15.3	15.2	16.2	17.5	14.3	15.3	15.2	16.2	17.5
x=2H y=3H	17.3	18.2	18.2	19.1	20.4	17.3	18.2	18.2	19.1	20.4
x=2H y=4H	18.8	19.6	19.7	20.6	21.9	18.8	19.6	19.7	20.6	21.9
x=2H y=6H	20.3	21.1	21.2	22.0	23.3	20.3	21.1	21.2	22.0	23.3
x=2H y=8H	21.0	21.7	21.9	22.7	24.0	21.0	21.7	21.9	22.7	24.0
x=2H y=12H	21.7	22.4	22.7	23.4	24.7	21.7	22.4	22.7	23.4	24.7
x=4H y=2H	15.4	16.2	16.4	17.2	18.5	15.4	16.2	16.4	17.2	18.5
x=4H y=3H	18.4	19.2	19.4	20.2	21.5	18.4	19.2	19.4	20.2	21.5
x=4H y=4H	20.0	20.7	21.0	21.7	23.0	20.0	20.7	21.0	21.7	23.0
x=4H y=6H	21.6	22.2	22.6	23.3	24.6	21.6	22.2	22.6	23.3	24.6
x=4H y=8H	22.4	23.0	23.5	24.0	25.4	22.4	23.0	23.5	24.0	25.4
x=4H y=12H	23.2	23.7	24.2	24.8	26.1	23.2	23.7	24.2	24.8	26.1
x=8H y=4H	20.7	21.2	21.7	22.3	23.7	20.7	21.2	21.7	22.3	23.7
x=8H y=6H	22.5	23.0	23.5	24.0	25.4	22.5	23.0	23.5	24.0	25.4
x=8H y=8H	23.4	23.8	24.5	24.9	26.3	23.4	23.8	24.5	24.9	26.3
x=8H y=12H	24.4	24.7	25.4	25.8	27.2	24.4	24.7	25.4	25.8	27.2
x=12H y=4H	20.8	21.3	21.8	22.4	23.7	20.8	21.3	21.8	22.4	23.7
x=12H y=6H	22.7	23.1	23.8	24.2	25.6	22.7	23.1	23.8	24.2	25.6
x=12H y=8H	23.8	24.1	24.8	25.2	26.6	23.8	24.1	24.8	25.2	26.6

**Luminaire**

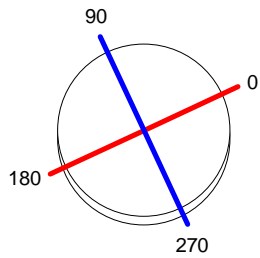
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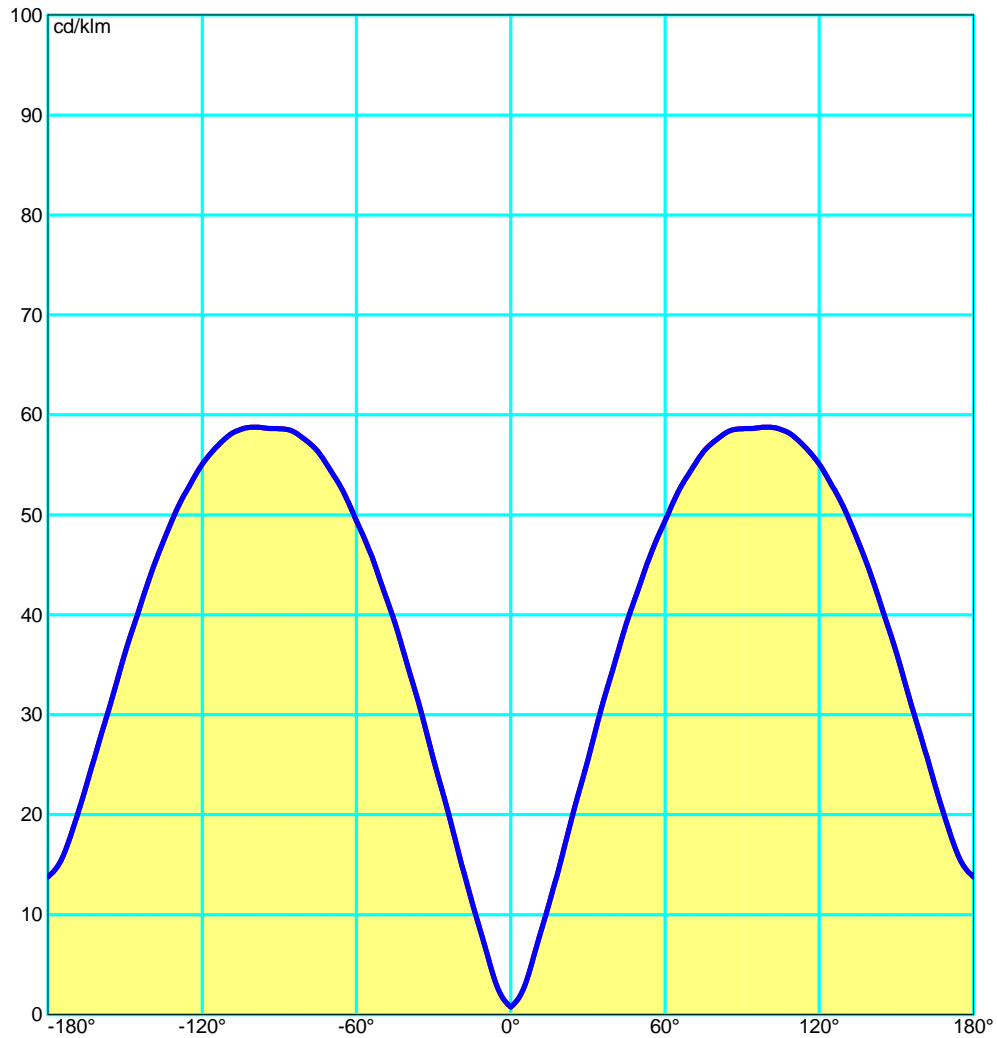
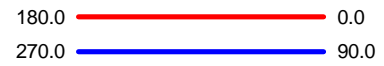
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Diam=80mm



C Halfplanes



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Luminance





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Lamps Flux	1423.00 lm	Maximum value	59.91 cd/klm	Position	C=45.00 G=100.00	CG	Asymmetrical

**Luminance cd/m2 Table 1/3**

	C 0.00	C 10.00	C 20.00	C 30.00	C 40.00	C 50.00	C 60.00	C 70.00	C 80.00	C 90.00	C 100.00	C 110.00	C 120.00
G 0.0	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04
G 5.0	599.34	367.97	395.44	515.75	355.10	359.85	515.75	376.45	415.44	599.34	415.33	376.70	515.75
G 10.0	1340.80	1317.10	1292.31	1284.42	1310.37	1310.77	1284.42	1290.71	1321.10	1340.80	1321.09	1290.73	1284.42
G 15.0	1939.71	1934.00	1915.07	1908.73	1948.39	1948.45	1908.73	1914.85	1934.55	1939.71	1934.55	1914.85	1908.73
G 20.0	2493.26	2483.86	2462.12	2452.57	2515.18	2515.18	2452.57	2462.14	2489.21	2493.26	2489.21	2462.14	2452.57
G 25.0	2984.20	2973.46	2943.85	2937.10	3004.58	3004.70	2937.10	2943.36	2974.68	2984.20	2974.68	2943.37	2937.10
G 30.0	3373.31	3382.75	3367.03	3350.40	3436.93	3436.66	3350.40	3367.03	3374.66	3373.31	3374.66	3367.03	3350.40
G 35.0	3777.74	3765.04	3734.57	3721.65	3812.44	3812.42	3721.65	3734.66	3772.59	3777.74	3772.59	3734.66	3721.65
G 40.0	4096.92	4081.85	4050.03	4049.83	4135.22	4135.43	4049.83	4049.23	4083.87	4096.92	4083.86	4049.24	4049.83
G 45.0	4416.08	4401.63	4355.75	4345.09	4452.73	4452.87	4345.09	4355.17	4403.08	4416.08	4403.08	4355.18	4345.09
G 50.0	4673.29	4652.02	4615.90	4621.70	4727.89	4728.20	4621.70	4614.65	4655.15	4673.29	4655.14	4614.67	4621.70
G 55.0	4946.77	4925.43	4874.05	4867.73	4994.64	4994.90	4867.73	4872.99	4928.09	4946.77	4928.08	4873.00	4867.73
G 60.0	5170.71	5150.51	5105.29	5106.53	5234.10	5234.36	5106.53	5104.24	5153.13	5170.71	5153.12	5104.25	5106.53
G 65.0	5417.40	5394.25	5340.23	5335.52	5472.98	5473.27	5335.52	5339.05	5397.19	5417.40	5397.18	5339.07	5335.52
G 70.0	5630.84	5606.83	5556.24	5557.21	5696.40	5696.72	5557.21	5554.96	5610.05	5630.84	5610.04	5554.97	5557.21
G 75.0	5865.48	5833.31	5773.12	5771.18	5922.49	5922.94	5771.18	5771.30	5837.87	5865.48	5837.86	5771.32	5771.18
G 80.0	6070.81	6038.95	5979.32	5981.51	6142.52	6142.97	5981.51	5977.52	6043.46	6070.81	6043.45	5977.54	5981.51
G 85.0	6296.58	6262.55	6198.17	6196.94	6361.73	6362.21	6196.94	6196.24	6267.35	6296.58	6267.34	6196.27	6196.94
G 90.0	6515.37	6480.28	6413.17	6412.76	6587.50	6587.99	6412.76	6411.20	6485.21	6515.37	6485.19	6411.23	6412.76



**Luminaire**

Code PX-0099-INO  
Name Baliza KORAL 23W CFL E27

**Measurment**

Code CL116A17F098G  
Name Baliza KORAL 23W CFL E27

Luminaire Flux	839.96 lm	Luminaire Power	23.00 W	Efficacy	36.52 lm/W	Efficiency	59.03%
Lamps Flux	1423.00 lm	Maximum value	59.91 cd/klm	Position	C=45.00 G=100.00	CG	Asymmetrical

**Luminance cd/m2 Table 2/3**

	C 130.00	C 140.00	C 150.00	C 160.00	C 170.00	C 180.00	C 190.00	C 200.00	C 210.00	C 220.00	C 230.00	C 240.00	C 250.00
G 0.0	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04
G 5.0	358.50	358.50	515.75	376.70	415.34	599.34	415.34	376.70	515.75	358.50	358.50	515.75	376.70
G 10.0	1310.66	1310.66	1284.42	1290.73	1321.09	1340.80	1321.09	1290.73	1284.42	1310.66	1310.66	1284.42	1290.73
G 15.0	1948.43	1948.43	1908.73	1914.85	1934.55	1939.71	1934.55	1914.85	1908.73	1948.43	1948.43	1908.73	1914.85
G 20.0	2515.18	2515.18	2452.57	2462.14	2489.21	2493.26	2489.21	2462.14	2452.57	2515.18	2515.18	2452.57	2462.14
G 25.0	3004.66	3004.66	2937.10	2943.37	2974.68	2984.20	2974.68	2943.37	2937.10	3004.66	3004.66	2937.10	2943.37
G 30.0	3436.74	3436.74	3350.40	3367.03	3374.66	3373.31	3374.66	3367.03	3350.40	3436.74	3436.74	3350.40	3367.03
G 35.0	3812.42	3812.42	3721.65	3734.66	3772.59	3777.74	3772.59	3734.66	3721.65	3812.42	3812.42	3721.65	3734.66
G 40.0	4135.37	4135.37	4049.83	4049.24	4083.86	4096.92	4083.86	4049.24	4049.83	4135.37	4135.37	4049.83	4049.24
G 45.0	4452.83	4452.83	4345.09	4355.18	4403.08	4416.08	4403.08	4355.18	4345.09	4452.83	4452.83	4345.09	4355.18
G 50.0	4728.12	4728.12	4621.70	4614.67	4655.14	4673.29	4655.14	4614.67	4621.70	4728.12	4728.12	4621.70	4614.67
G 55.0	4994.83	4994.83	4867.73	4873.00	4928.08	4946.77	4928.08	4873.00	4867.73	4994.83	4994.83	4867.73	4873.00
G 60.0	5234.29	5234.29	5106.53	5104.25	5153.12	5170.71	5153.12	5104.25	5106.53	5234.29	5234.29	5106.53	5104.25
G 65.0	5473.19	5473.19	5335.52	5339.06	5397.18	5417.40	5397.18	5339.06	5335.52	5473.19	5473.19	5335.52	5339.06
G 70.0	5696.63	5696.63	5557.21	5554.97	5610.04	5630.84	5610.04	5554.97	5557.21	5696.63	5696.63	5557.21	5554.97
G 75.0	5922.81	5922.81	5771.18	5771.32	5837.86	5865.48	5837.86	5771.32	5771.18	5922.81	5922.81	5771.18	5771.32
G 80.0	6142.84	6142.84	5981.51	5977.54	6043.45	6070.81	6043.45	5977.54	5981.51	6142.84	6142.84	5981.51	5977.54
G 85.0	6362.07	6362.07	6196.94	6196.27	6267.34	6296.58	6267.34	6196.27	6196.94	6362.07	6362.07	6196.94	6196.27
G 90.0	6587.85	6587.85	6412.76	6411.22	6485.20	6515.37	6485.20	6411.22	6412.76	6587.85	6587.85	6412.76	6411.22

**Luminaire**

Code PX-0099-INO  
 Name Baliza KORAL 23W CFL E27  
**Measur.**  
 Code CL116A17F098G  
 Name Baliza KORAL 23W CFL E27

Luminaire Flux	839.96 lm	Luminaire Power	23.00 W	Efficacy	36.52 lm/W	Efficiency	59.03%
Lamps Flux	1423.00 lm	Maximum value	59.91 cd/klm	Position	C=45.00 G=100.00	CG	Asymmetrical

**Luminance cd/m2 Table 3/3**

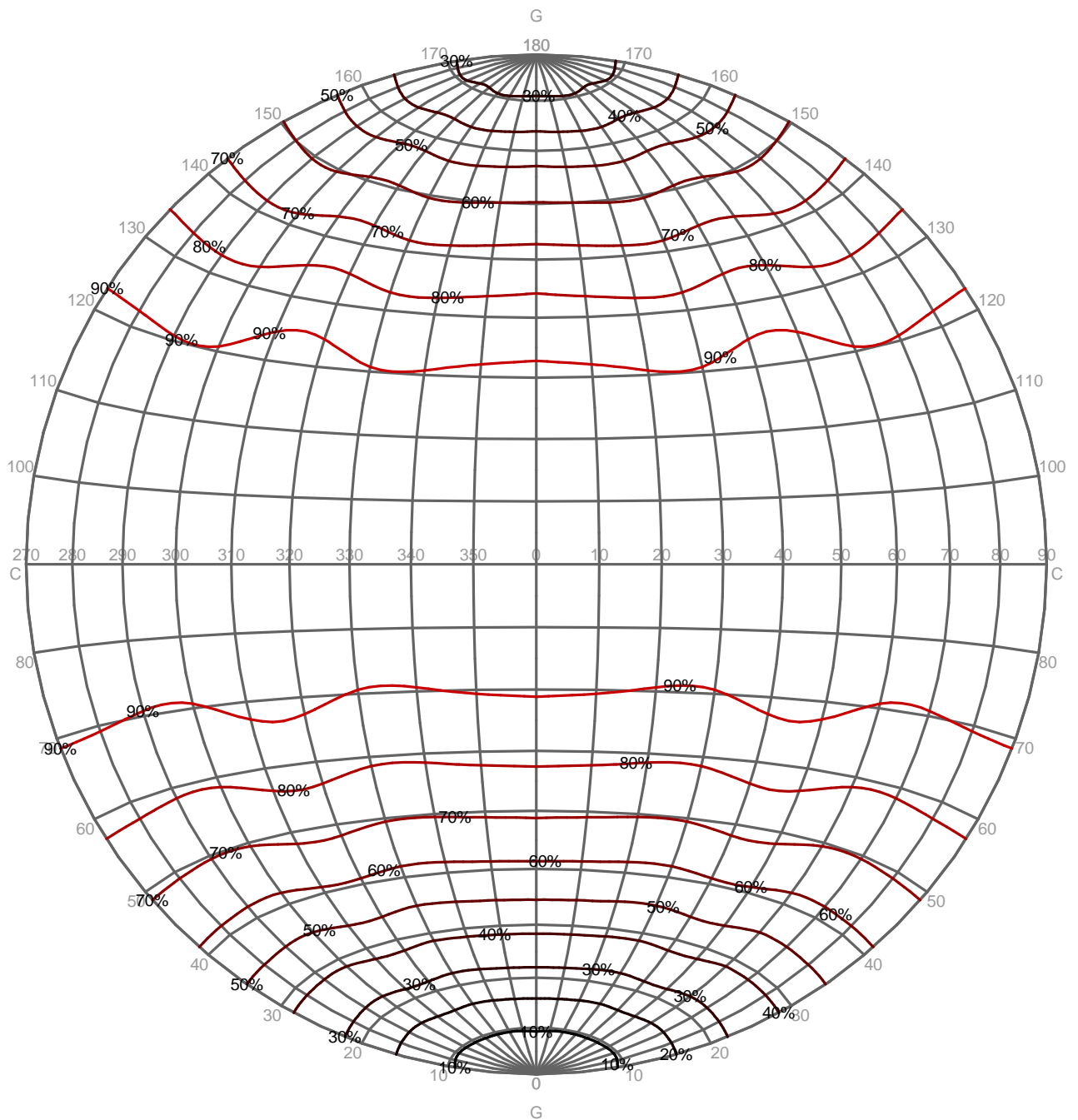
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04	213.04
G 5.0	415.33	599.34	415.44	376.45	515.75	359.85	355.10	515.75	395.44	367.97
G 10.0	1321.09	1340.80	1321.10	1290.71	1284.42	1310.77	1310.37	1284.42	1292.31	1317.10
G 15.0	1934.55	1939.71	1934.55	1914.85	1908.73	1948.45	1948.39	1908.73	1915.07	1934.00
G 20.0	2489.21	2493.26	2489.21	2462.14	2452.57	2515.18	2515.18	2452.57	2462.12	2483.86
G 25.0	2974.68	2984.20	2974.68	2943.36	2937.10	3004.70	3004.58	2937.10	2943.85	2973.46
G 30.0	3374.66	3373.31	3374.66	3367.03	3350.40	3436.66	3436.93	3350.40	3367.03	3382.75
G 35.0	3772.59	3777.74	3772.59	3734.66	3721.65	3812.42	3812.44	3721.65	3734.57	3765.04
G 40.0	4083.86	4096.92	4083.87	4049.23	4049.83	4135.43	4135.22	4049.83	4050.03	4081.85
G 45.0	4403.08	4416.08	4403.08	4355.17	4345.09	4452.87	4452.73	4345.09	4355.75	4401.63
G 50.0	4655.14	4673.29	4655.15	4614.65	4621.70	4728.20	4727.89	4621.70	4615.90	4652.02
G 55.0	4928.08	4946.77	4928.09	4872.99	4867.73	4994.90	4994.64	4867.73	4874.05	4925.43
G 60.0	5153.12	5170.71	5153.13	5104.24	5106.53	5234.36	5234.10	5106.53	5105.29	5150.51
G 65.0	5397.18	5417.40	5397.19	5339.05	5335.52	5473.27	5472.98	5335.52	5340.23	5394.25
G 70.0	5610.04	5630.84	5610.05	5554.96	5557.21	5696.72	5696.40	5557.21	5556.24	5606.83
G 75.0	5837.86	5865.48	5837.87	5771.30	5771.18	5922.94	5922.49	5771.18	5773.12	5833.31
G 80.0	6043.45	6070.81	6043.46	5977.52	5981.51	6142.97	6142.52	5981.51	5979.32	6038.95
G 85.0	6267.34	6296.58	6267.35	6196.24	6196.94	6362.21	6361.73	6196.94	6198.17	6262.55
G 90.0	6485.19	6515.37	6485.21	6411.20	6412.76	6587.99	6587.50	6412.76	6413.17	6480.28

**Luminaire**  
 Code PX-0099-INO  
 Name Baliza KORAL 23W CFL E27  
**Measur.**  
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Luminaire Flux	839.96 lm	Luminaire Power	23.00 W	Efficacy	36.52 lm/W	Efficiency	59.03%
Lamps Flux	1423.00 lm	Maximum value	59.91 cd/klm	Position	C=45.00 G=100.00	CG	Asymmetrical

**PERCENTAGE ISOCANDLES**

Projection: Equal Area Tilting Angle:0°



**Luminaire**

Code PX-0099-INO  
 Name Baliza KORAL 23W CFL E27

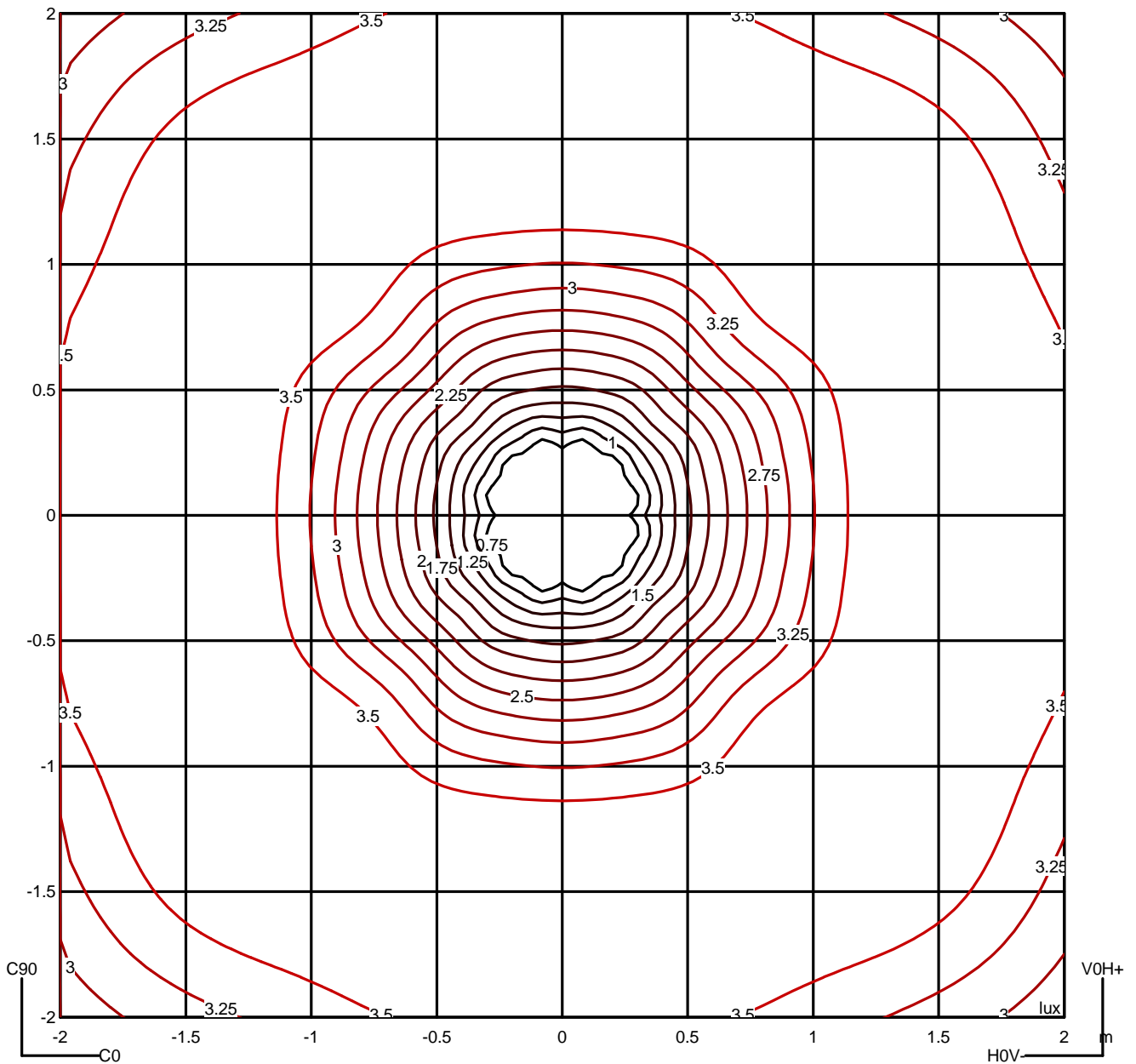
**Measur.**

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Lamps Flux	1423.00 lm	Maximum value	59.91 cd/klm	Position	C=45.00 G=100.00	CG	Asymmetrical

Isolux (Floor)

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



**Luminaire**

Code PX-0099-INO  
Name Baliza KORAL 23W CFL E27

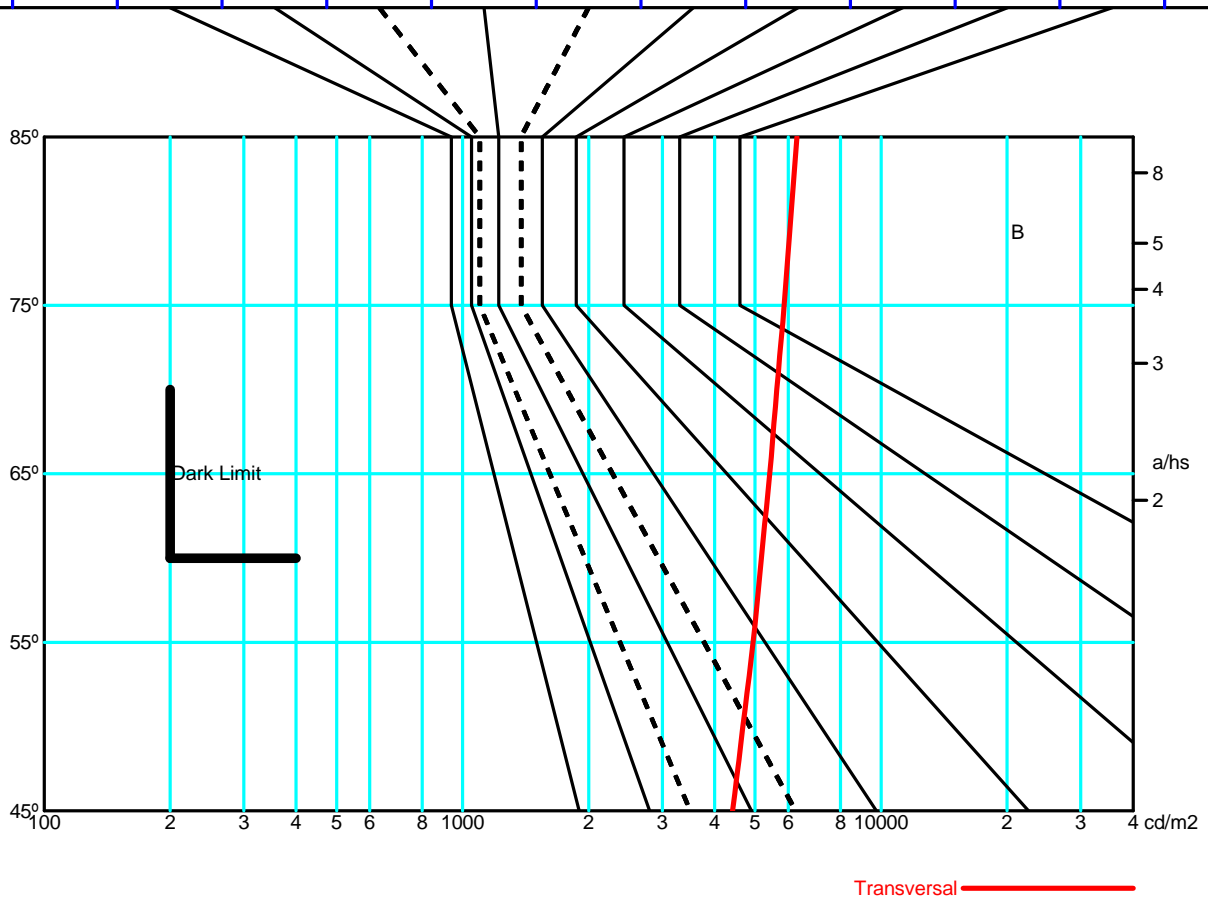
**Measurement**

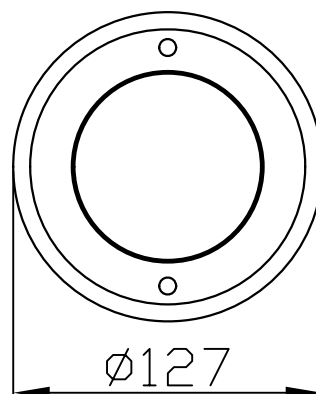
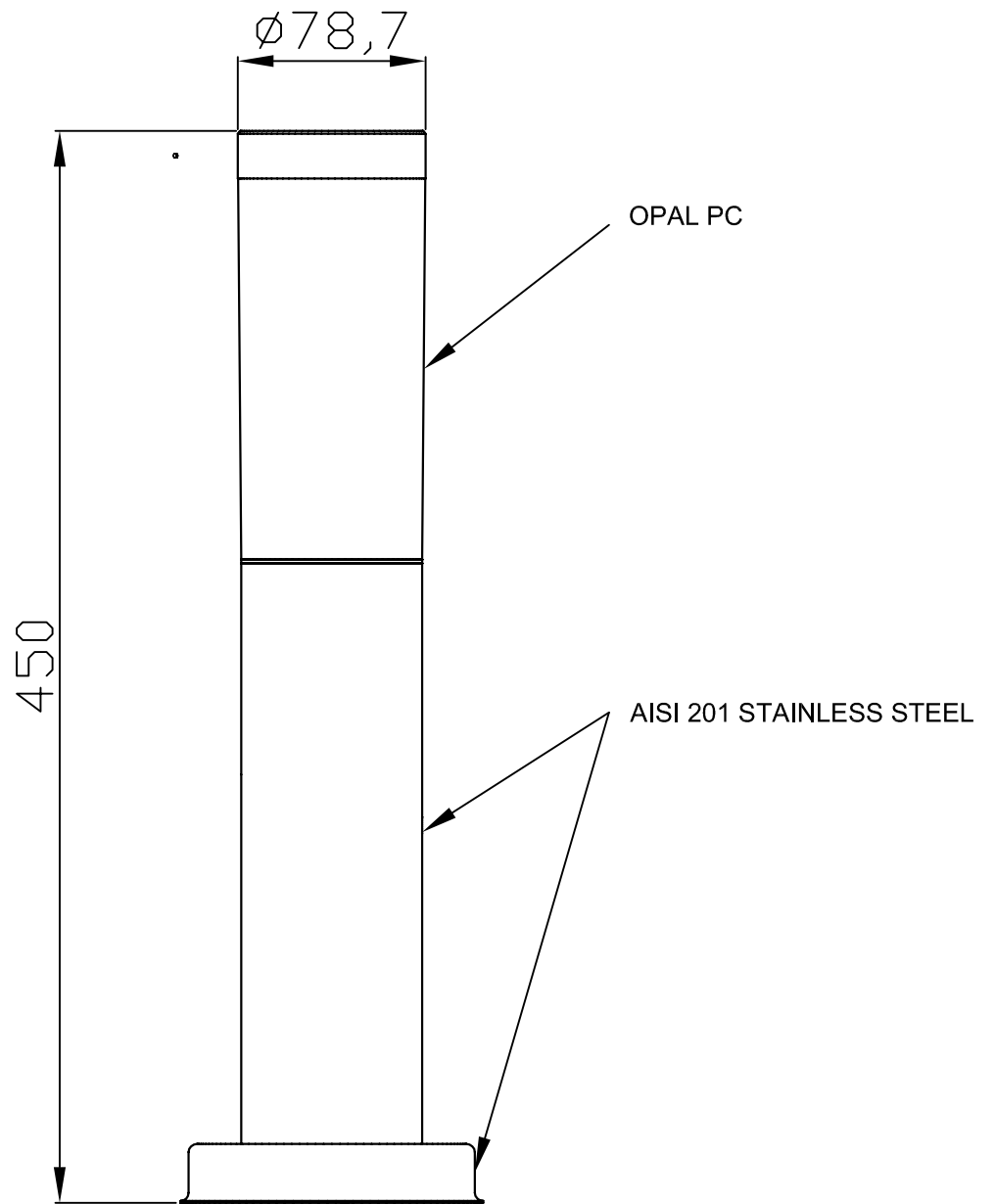
Code CL116A17F098G  
Name Baliza KORAL 23W CFL E27

Luminaire Flux	839.96 lm	Luminaire Power	23.00 W	Efficacy	36.52 lm/W	Efficiency	59.03%
Lamps Flux	1423.00 lm	Maximum value	59.91 cd/klm	Position	C=45.00 G=100.00	CG	Asymmetrical

Average Luminance [cd/m <sup>2</sup> ]										
0.0°	45°	50°	55°	60°	65°	70°	75°	80°	85°	---
	4416	4673	4947	5171	5417	5631	5865	6071	6297	

Flush mounted or transversal view												
		Illumination (lx)										
A	A	2000	1000	750	500		<300					1.15
B	1		2000	1500	1000	750	500	<300				1.5
C					2000		1000	500	<300			1.85
D	2						2000	1000	500	<300		2.2
E	3							2000	1000	500	<300	2.55







# Koral

PX-0099 PX-0100

FOR  
LIGHT

