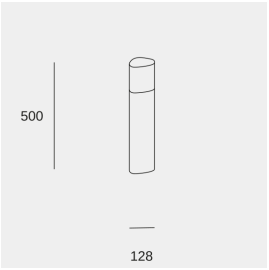
Instrucciones de montaje
Datos Fotométricos

Mandela 500mm

PX-0086-ANT

Baliza IP44 Mandela 500mm E27 15W Gris urbano





CARACTERÍSTICAS TÉCNICAS

IP44 IK08

Potencia total luminaria : 15W

Material de la estructura : Aluminio

Acabado estructura : Gris urbano

Material del difusor : Policarbonato

Acabado difusor : Opal

Medida máx. de la bombilla : 150/75 mm

Bombilla recomendada : E27

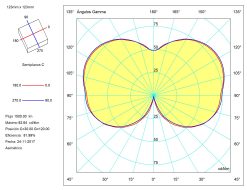
Voltaje / Frecuencia : 100-240V ~ 50/60Hz

Garantía : 5 Años

Luminaria fácilmente reciclable

CARACTERÍSTICAS LUMINOTÉCNICAS

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
E27	1	Potencia máx. 15W	-



LOGÍSTICA

Peso neto (Kg): 1.44

Peso embalado (Kg): 1.65

Embalaje: 145mm x 135mm x 520mm

6 Un

La imagen puede no coincidir con la referencia, LEDS C4 se reserva el derecho de modificación de alguno de los componentes que componen el producto. Los datos relativos al flujo, la potencia y la Temperatura de Color están sujetos a una tolerancia de +- 10%.

Luminaire
Code PX-0086-ANT
Name Baliza 25W fluor E27 dif. opal
Measurem.
Code 55-9605
Name Baliza 25W fluor E27 dif. opal

Luminaire Flux	1229.92 lm	Luminaire Power	23.00 W	Efficacy	53.47 lm/W	Efficiency	81.99%
Lamps Flux	1500.00 lm	Maximum value	82.64 cd/klm	Position	C=30.00 G=120.00	CG	Asymmetrical

Rectangular Luminaire		Length	123 mm	Width	123 mm	Height	505 mm
Rectangular Luminous Area		Length	123 mm	Width	123 mm	Height	120 mm
Horizontal Luminous Area	0.015129 m2			Emitting area on Plane 180°		0.014760 m2	
Emitting area on Plane 0°	0.014760 m2			Emitting area on Plane 270°		0.014760 m2	
Emitting area on Plane 90°	0.014760 m2			Glare area at 76°		0.017982 m2	

Coordinate system	CG	Symmetry Type	Asymmetrical
Date	24-11-2017	Maximum Gamma Angle	180
Measurement Distance	0.00	Measurement Flux	1500.00 lm

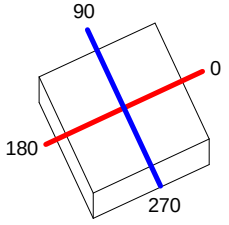
Operator		LEDS	Source Voltage [V]
Temperature		25.00 °C	Source current [A]
Humidity		60.00 %	Photocell
Notes			

Luminaire Lamps

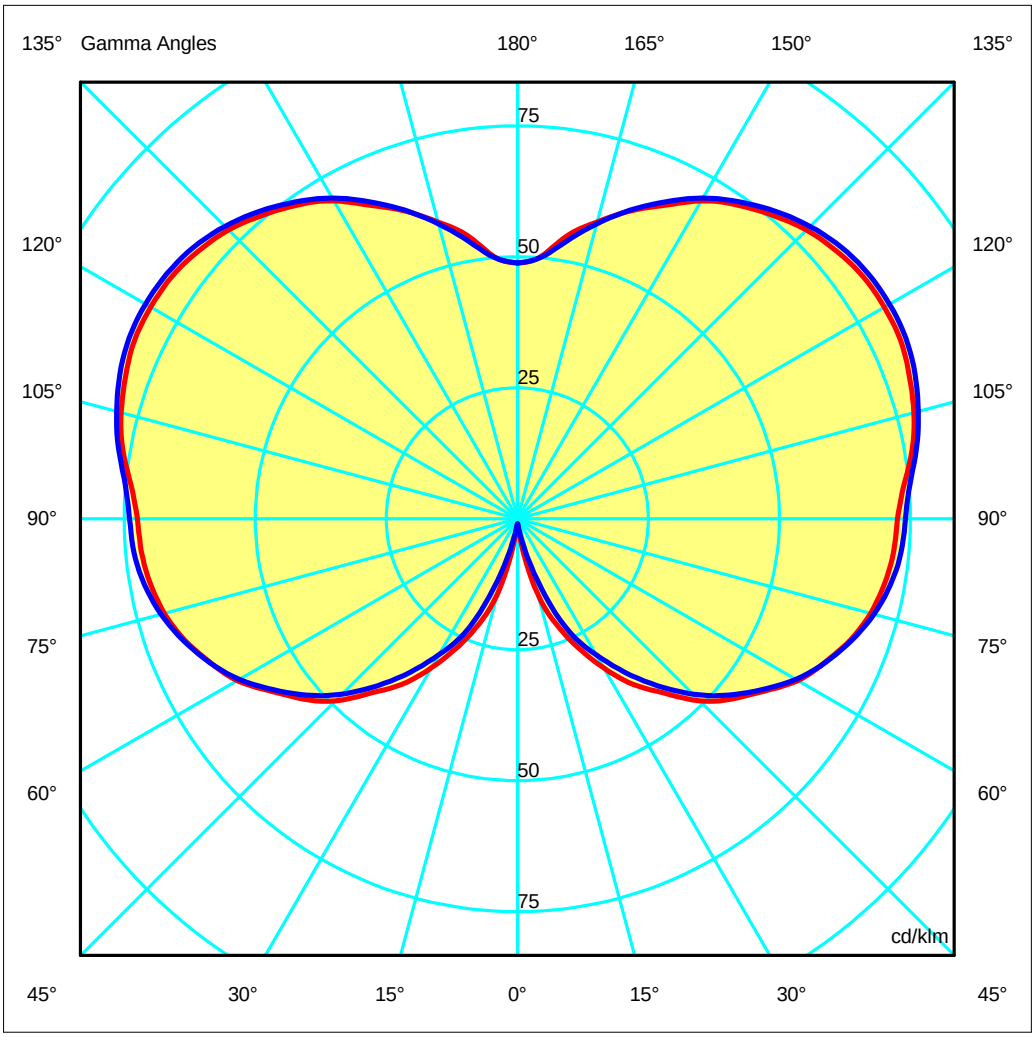
Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	DLX EL LL 23W827E27	DLX EL LL 23W827E27	1500.00	23.00	1

C.I.E.	12 36 67 42 82	D DIN 5040	C12
F UTE	--	B NBN	BZ 10

123mm x 123mm



C Halfplanes
180.0 — 0.0
270.0 — 90.0



ULOR 47.83 %
DLOR 34.17 %
RN 58.33 %

Luminaire
Code PX-0086-ANT
Name Baliza 25W fluor E27 dif. opal
Measurem.
Code 55-9605
Name Baliza 25W fluor E27 dif. opal

Luminaire Flux	1229.92 lm	Luminaire Power	23.00 W	Efficacy	53.47 lm/W	Efficiency	81.99%
Lamps Flux	1500.00 lm	Maximum value	82.64 cd/klm	Position	C=30.00 G=120.00	CG	Asymmetrical

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

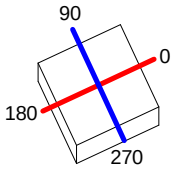
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
G 5.0	1.69	2.16	2.66	1.93	1.98	2.07	1.36	2.07	1.98	1.93	2.66	2.16
G 10.0	6.58	4.79	6.11	6.33	5.15	5.17	3.34	5.17	5.15	6.33	6.11	4.79
G 15.0	14.87	10.75	11.42	11.78	11.06	9.84	7.97	9.84	11.06	11.78	11.42	10.75
G 20.0	21.25	17.17	17.51	17.42	17.07	16.54	15.87	16.54	17.07	17.42	17.51	17.17
G 25.0	26.91	24.08	24.47	23.95	23.15	23.59	24.16	23.59	23.15	23.95	24.47	24.08
G 30.0	32.81	29.81	30.28	29.84	29.15	29.82	29.92	29.82	29.15	29.84	30.28	29.81
G 35.0	38.60	35.61	35.93	35.56	34.97	35.69	35.77	35.69	34.97	35.56	35.93	35.61
G 40.0	43.38	41.85	42.34	41.78	40.49	41.40	41.58	41.40	40.49	41.78	42.34	41.85
G 45.0	49.14	46.92	47.57	46.93	45.73	46.89	47.29	46.89	45.73	46.93	47.57	46.92
G 50.0	53.46	52.01	52.74	52.03	50.55	51.93	52.38	51.93	50.55	52.03	52.74	52.01
G 55.0	57.36	56.87	57.52	56.82	55.05	56.51	56.85	56.51	55.05	56.82	57.52	56.87
G 60.0	61.74	60.84	61.61	60.77	59.06	60.59	61.25	60.59	59.06	60.77	61.61	60.84
G 65.0	64.76	64.78	65.71	64.70	62.59	64.31	64.83	64.31	62.59	64.70	65.71	64.78
G 70.0	67.57	67.84	68.64	67.79	65.53	67.47	67.84	67.47	65.53	67.79	68.64	67.84
G 75.0	69.72	70.21	70.99	70.11	67.88	69.89	70.39	69.89	67.88	70.11	70.99	70.21
G 80.0	71.12	72.32	73.06	72.06	69.63	71.71	72.26	71.71	69.63	72.06	73.06	72.32
G 85.0	72.03	73.38	74.17	73.20	70.72	72.87	73.45	72.87	70.72	73.20	74.17	73.38
G 90.0	72.53	73.98	74.82	73.93	71.38	73.67	74.01	73.67	71.38	73.93	74.82	73.98
G 95.0	74.03	75.22	76.14	75.25	72.61	74.94	75.14	74.94	72.61	75.25	76.14	75.22
G100.0	76.49	77.11	78.03	77.00	74.65	76.76	77.29	76.76	74.65	77.00	78.03	77.11
G105.0	78.30	79.15	80.02	79.03	76.63	78.72	79.17	78.72	76.63	79.03	80.02	79.15
G110.0	79.58	80.74	81.51	80.70	78.26	80.36	80.72	80.36	78.26	80.70	81.51	80.74
G115.0	80.64	81.63	82.38	81.64	79.34	81.40	81.74	81.40	79.34	81.64	82.38	81.63
G120.0	80.81	81.99	82.64	81.99	79.79	81.77	81.97	81.77	79.79	81.99	82.64	81.99
G125.0	80.55	81.69	82.26	81.70	79.63	81.49	81.63	81.49	79.63	81.70	82.26	81.69
G130.0	79.50	80.71	81.30	80.83	78.86	80.59	80.67	80.59	78.86	80.83	81.30	80.71
G135.0	77.97	78.94	79.49	79.18	77.42	79.05	78.96	79.05	77.42	79.18	79.49	78.94
G140.0	75.67	76.79	77.35	77.16	75.43	76.97	76.64	76.97	75.43	77.16	77.35	76.79
G145.0	73.16	74.09	74.63	74.57	72.92	74.32	73.87	74.32	72.92	74.57	74.63	74.09
G150.0	70.11	70.39	71.12	71.12	69.89	71.10	70.71	71.10	69.89	71.12	71.12	70.39
G155.0	66.02	66.59	67.51	67.52	66.30	67.44	66.81	67.44	66.30	67.52	67.51	66.59
G160.0	62.55	62.22	62.95	63.10	62.33	63.36	62.68	63.36	62.33	63.10	62.95	62.22
G165.0	58.69	57.43	58.79	58.85	58.20	59.06	58.31	59.06	58.20	58.85	58.79	57.43
G170.0	54.95	52.81	54.70	54.83	53.84	55.00	53.83	55.00	53.84	54.83	54.70	52.81
G175.0	50.18	50.26	50.55	50.35	50.38	51.48	50.05	51.48	50.38	50.35	50.55	50.26
G180.0	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83

	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	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96	0.96
G 5.0	1.69	2.16	2.66	1.93	1.98	2.07	1.36	2.07	1.98	1.93	2.66	2.16
G 10.0	6.58	4.79	6.11	6.33	5.15	5.17	3.34	5.17	5.15	6.33	6.11	4.79
G 15.0	14.87	10.75	11.42	11.78	11.06	9.84	7.97	9.84	11.06	11.78	11.42	10.75
G 20.0	21.25	17.17	17.51	17.42	17.07	16.54	15.87	16.54	17.07	17.42	17.51	17.17
G 25.0	26.91	24.08	24.47	23.95	23.15	23.59	24.16	23.59	23.15	23.95	24.47	24.08
G 30.0	32.81	29.81	30.28	29.84	29.15	29.82	29.92	29.82	29.15	29.84	30.28	29.81
G 35.0	38.60	35.61	35.93	35.56	34.97	35.69	35.77	35.69	34.97	35.56	35.93	35.61
G 40.0	43.38	41.85	42.34	41.78	40.49	41.40	41.58	41.40	40.49	41.78	42.34	41.85
G 45.0	49.14	46.92	47.57	46.93	45.73	46.89	47.29	46.89	45.73	46.93	47.57	46.92
G 50.0	53.46	52.01	52.74	52.03	50.55	51.93	52.38	51.93	50.55	52.03	52.74	52.01
G 55.0	57.36	56.87	57.52	56.82	55.05	56.51	56.85	56.51	55.05	56.82	57.52	56.87
G 60.0	61.74	60.84	61.61	60.77	59.06	60.59	61.25	60.59	59.06	60.77	61.61	60.84
G 65.0	64.76	64.78	65.71	64.70	62.59	64.31	64.83	64.31	62.59	64.70	65.71	64.78
G 70.0	67.57	67.84	68.64	67.79	65.53	67.47	67.84	67.47	65.53	67.79	68.64	67.84
G 75.0	69.72	70.21	70.99	70.11	67.88	69.89	70.39	69.89	67.88	70.11	70.99	70.21
G 80.0	71.12	72.32	73.06	72.06	69.63	71.71	72.26	71.71	69.63	72.06	73.06	72.32
G 85.0	72.03	73.38	74.17	73.20	70.72	72.87	73.45	72.87	70.72	73.20	74.17	73.38
G 90.0	72.53	73.98	74.82	73.93	71.38	73.67	74.01	73.67	71.38	73.93	74.82	73.98
G 95.0	74.03	75.22	76.14	75.25	72.61	74.94	75.14	74.94	72.61	75.25	76.14	75.22
G100.0	76.49	77.11	78.03	77.00	74.65	76.76	77.29	76.76	74.65	77.00	78.03	77.11
G105.0	78.30	79.15	80.02	79.03	76.63	78.72	79.17	78.72	76.63	79.03	80.02	79.15
G110.0	79.58	80.74	81.51	80.70	78.26	80.36	80.72	80.36	78.26	80.70	81.51	80.74
G115.0	80.64	81.63	82.38	81.64	79.34	81.40	81.74	81.40	79.34	81.64	82.38	81.63
G120.0	80.81	81.99	82.64	81.99	79.79	81.77	81.97	81.77	79.79	81.99	82.64	81.99
G125.0	80.55	81.69	82.26	81.70	79.63	81.49	81.63	81.49	79.63	81.70	82.26	81.69
G130.0	79.50	80.71	81.30	80.83	78.86	80.59	80.67	80.59	78.86	80.83	81.30	80.71
G135.0	77.97	78.94	79.49	79.18	77.42	79.05	78.96	79.05	77.42	79.18	79.49	78.94
G140.0	75.67	76.79	77.35	77.16	75.43	76.97	76.64	76.97	75.43	77.16	77.35	76.79
G145.0	73.16	74.09	74.63	74.57	72.92	74.32	73.87	74.32	72.92	74.57	74.63	74.09
G150.0	70.11	70.39	71.12	71.12	69.89	71.10	70.71	71.10	69.89	71.12	71.12	70.39
G155.0	66.02	66.59	67.51	67.52	66.30	67.44	66.81	67.44	66.30	67.52	67.51	66.59
G160.0	62.55	62.22	62.95	63.10	62.33	63.36	62.68	63.36	62.33	63.10	62.95	62.22
G165.0	58.69	57.43	58.79	58.85	58.20	59.06	58.31	59.06	58.20	58.85	58.79	57.43
G170.0	54.95	52.81	54.70	54.83	53.84	55.00	53.83	55.00	53.84	54.83	54.70	52.81
G175.0	50.18	50.26	50.55	50.35	50.38	51.48	50.05	51.48	50.38	50.35	50.55	50.26
G180.0	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83	48.83

Luminaire
Code PX-0086-ANT
Name Baliza 25W fluor E27 dif. opal
Measurem.
Code 55-9605
Name Baliza 25W fluor E27 dif. opal

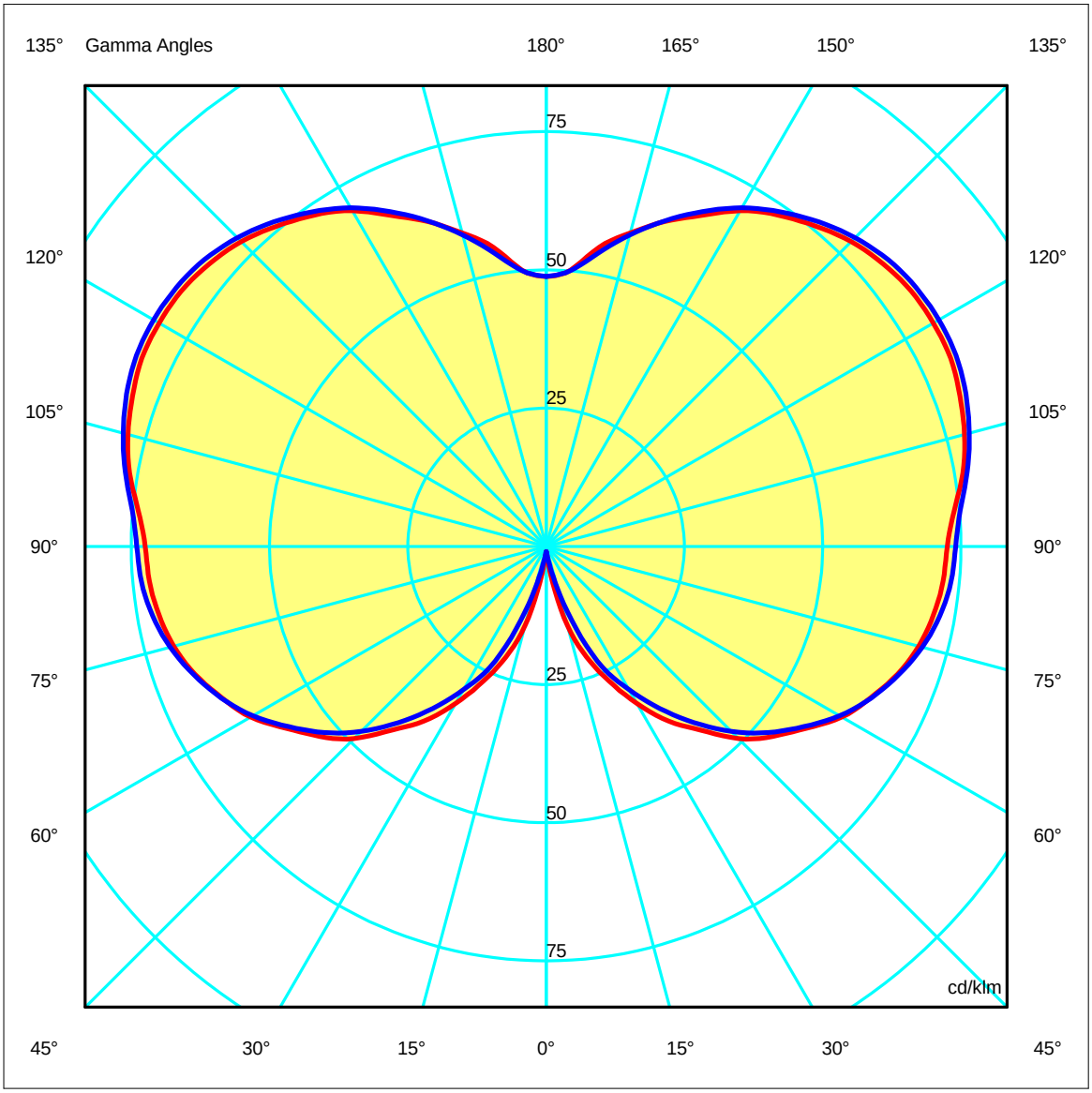
Luminaire Flux	1229.92 lm	Luminaire Power	23.00 W	Efficacy	53.47 lm/W	Efficiency	81.99%
Lamps Flux	1500.00 lm	Maximum value	82.64 cd/klm	Position	C=30.00 G=120.00	CG	Asymmetrical

123mm x 123mm



C Halfplanes





Luminaire
Code PX-0086-ANT
Name Baliza 25W fluor E27 dif. opal
Measurem.
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Name Baliza 25W fluor E27 dif. opal

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Right beam angle not found, gamma = -61

Right beam angle not found, gamma = -61

Right beam angle not found, gamma = -61

Luminaire
Code PX-0086-ANT
Name Baliza 25W fluor E27 dif. opal
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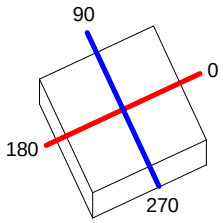
UGR
S = 0.250

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	Viewed Crosswise					Viewed Endwise				
x=2H y=2H	12.9	13.8	13.8	14.8	16.1	12.8	13.7	13.7	14.7	16.0
x=2H y=3H	16.1	16.9	17.1	17.9	19.3	16.0	16.9	17.0	17.9	19.2
x=2H y=4H	17.7	18.5	18.7	19.5	20.9	17.7	18.5	18.7	19.5	20.9
x=2H y=6H	19.4	20.1	20.4	21.1	22.5	19.4	20.1	20.4	21.1	22.5
x=2H y=8H	20.2	20.9	21.2	21.9	23.3	20.2	20.9	21.2	21.9	23.3
x=2H y=12H	20.9	21.6	22.0	22.6	24.0	21.0	21.7	22.0	22.7	24.1
x=4H y=2H	13.9	14.7	14.9	15.7	17.0	13.8	14.6	14.8	15.6	16.9
x=4H y=3H	17.1	17.8	18.2	18.9	20.2	17.0	17.7	18.1	18.8	20.1
x=4H y=4H	18.9	19.5	19.9	20.5	22.0	18.8	19.4	19.8	20.5	21.9
x=4H y=6H	20.6	21.2	21.7	22.2	23.7	20.6	21.1	21.6	22.2	23.6
x=4H y=8H	21.5	22.0	22.6	23.1	24.5	21.5	22.0	22.5	23.1	24.5
x=4H y=12H	22.4	22.8	23.4	23.9	25.4	22.4	22.8	23.4	23.9	25.4
x=8H y=4H	19.5	20.0	20.5	21.0	22.5	19.4	19.9	20.5	21.0	22.4
x=8H y=6H	21.4	21.8	22.5	22.9	24.4	21.3	21.8	22.4	22.9	24.3
x=8H y=8H	22.4	22.8	23.5	23.9	25.4	22.4	22.8	23.4	23.8	25.3
x=8H y=12H	23.5	23.8	24.6	24.9	26.4	23.4	23.8	24.5	24.9	26.3
x=12H y=4H	19.6	20.0	20.6	21.1	22.6	19.5	20.0	20.6	21.1	22.5
x=12H y=6H	21.6	22.0	22.7	23.1	24.6	21.6	21.9	22.6	23.0	24.5
x=12H y=8H	22.7	23.1	23.8	24.2	25.6	22.6	23.0	23.7	24.1	25.6

Luminaire
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Name Baliza 25W fluor E27 dif. opal
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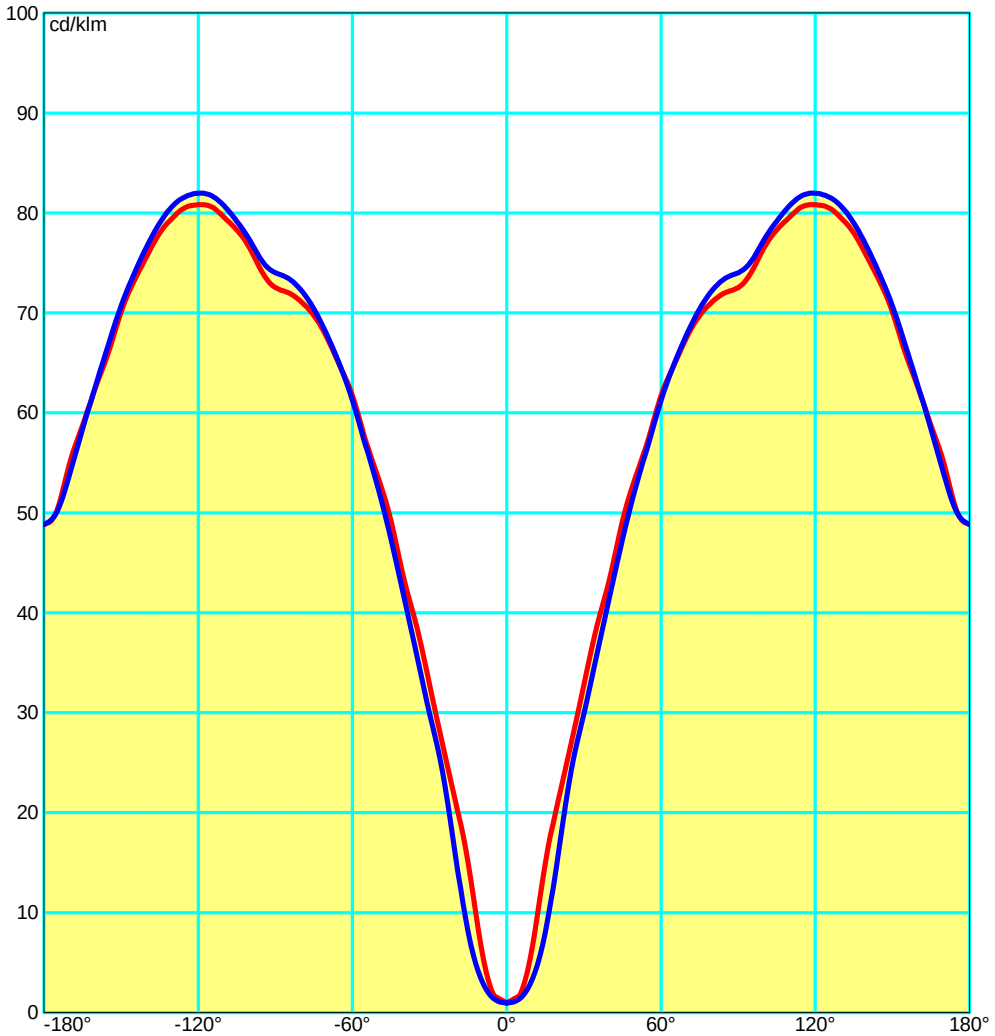
Luminaire Flux	1229.92 lm	Luminaire Power	23.00 W	Efficacy	53.47 lm/W	Efficiency	81.99%
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123mm x 123mm



C Halfplanes

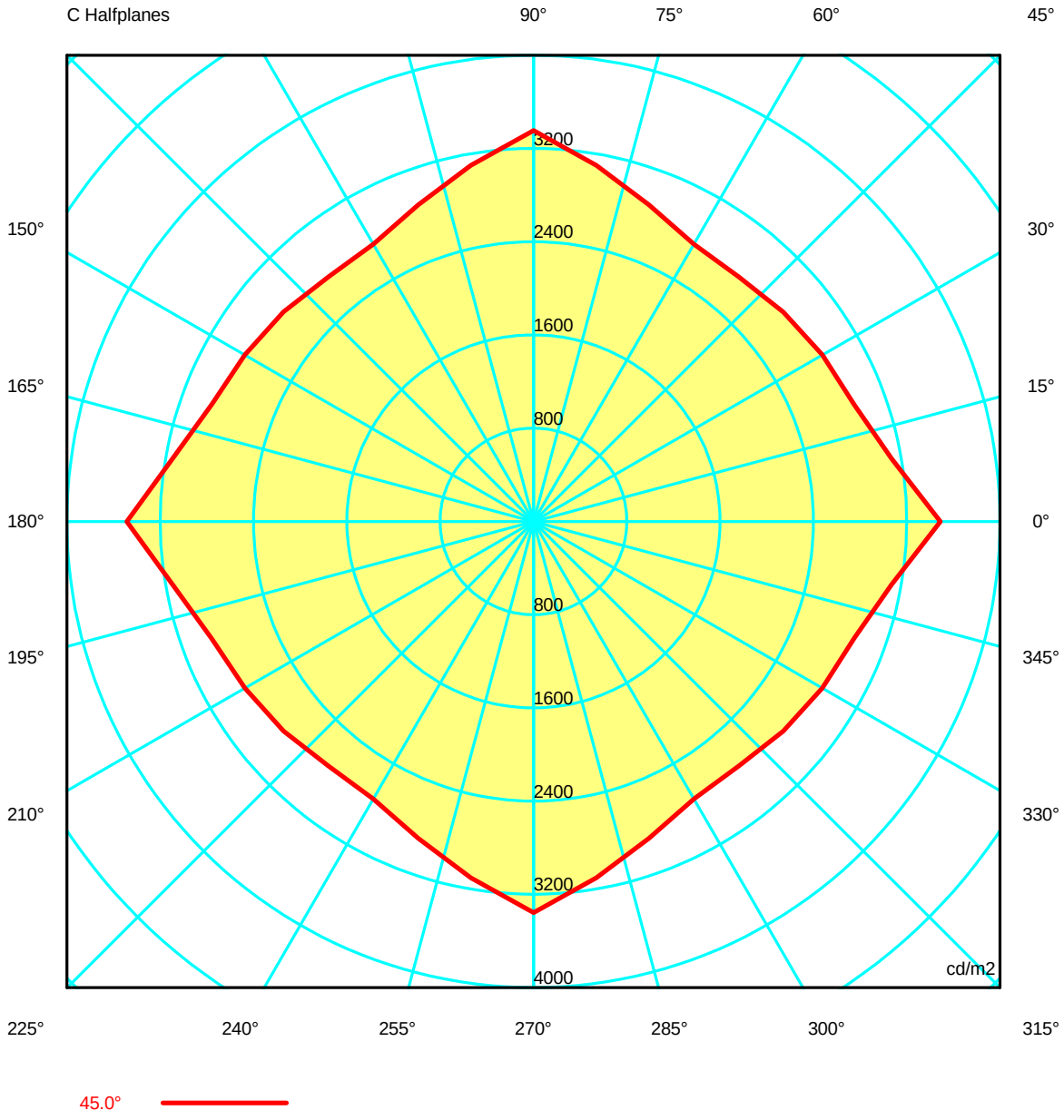
180.0 0.0
270.0 90.0



Luminaire
Code PX-0086-ANT
Name Baliza 25W fluor E27 dif. opal
Measurem.
Code 55-9605
Name Baliza 25W fluor E27 dif. opal

Luminaire Flux	1229.92 lm	Luminaire Power	23.00 W	Efficacy	53.47 lm/W	Efficiency	81.99%
Lamps Flux	1500.00 lm	Maximum value	82.64 cd/klm	Position	C=30.00 G=120.00	CG	Asymmetrical

Luminance



Luminaire
Code PX-0086-ANT
Name Baliza 25W fluor E27 dif. opal
Measurem.
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Luminaire Flux	1229.92 lm	Luminaire Power	23.00 W	Efficacy	53.47 lm/W	Efficiency	81.99%
Lamps Flux	1500.00 lm	Maximum value	82.64 cd/klm	Position	C=30.00 G=120.00	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	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35
G 5.0	154.53	177.52	215.84	237.06	194.10	173.02	176.90	194.08	163.42	124.58	163.43	183.38	176.90
G 10.0	565.53	425.28	414.19	497.77	528.86	478.38	420.12	439.80	378.27	287.30	378.21	439.93	420.12
G 15.0	1209.74	917.76	815.27	863.84	887.91	870.35	836.87	800.58	712.63	648.37	712.52	800.83	836.87
G 20.0	1654.86	1351.87	1253.19	1243.95	1234.94	1216.33	1212.59	1215.75	1214.25	1235.47	1214.15	1215.99	1212.59
G 25.0	2023.51	1768.64	1673.29	1651.20	1617.93	1573.63	1562.11	1612.85	1709.14	1816.71	1709.06	1613.01	1562.11
G 30.0	2402.68	2109.53	1992.56	1959.14	1923.81	1883.24	1886.16	1966.02	2073.10	2190.85	2073.02	1966.18	1886.16
G 35.0	2775.81	2450.21	2304.95	2249.73	2209.29	2174.95	2189.77	2286.78	2418.33	2572.24	2418.26	2286.93	2189.77
G 40.0	3087.28	2799.37	2646.03	2586.96	2534.55	2478.77	2474.23	2591.62	2761.83	2959.13	2761.79	2591.70	2474.23
G 45.0	3487.43	3116.54	2926.54	2859.66	2796.71	2739.01	2748.55	2892.20	3104.26	3356.04	3104.21	2892.31	2748.55
G 50.0	3812.84	3434.11	3229.96	3143.24	3070.41	3004.19	3012.52	3181.90	3433.72	3735.56	3433.68	3181.98	3012.52
G 55.0	4142.69	3762.71	3539.78	3424.44	3343.41	3271.77	3277.86	3470.18	3756.07	4105.76	3756.06	3470.21	3277.86
G 60.0	4551.34	4085.97	3822.83	3692.99	3596.72	3521.55	3540.06	3754.54	4090.27	4515.74	4090.25	3754.60	3540.06
G 65.0	4912.97	4438.17	4148.17	3995.99	3883.40	3791.70	3805.80	4052.87	4433.49	4918.91	4433.49	4052.88	3805.80
G 70.0	5322.40	4778.54	4451.67	4268.18	4151.01	4057.25	4074.78	4359.07	4789.37	5343.30	4789.37	4359.07	4074.78
G 75.0	5755.16	5138.27	4765.99	4552.47	4419.48	4323.24	4353.20	4670.33	5160.88	5809.93	5160.89	4670.32	4353.20
G 80.0	6215.64	5543.49	5127.13	4874.10	4720.80	4612.98	4645.14	5000.10	5559.51	6315.55	5559.53	5000.05	4645.14
G 85.0	6743.02	5962.90	5485.76	5198.11	5027.97	4913.45	4955.73	5355.78	5993.76	6876.76	5993.79	5355.72	4955.73
G 90.0	7370.48	6450.49	5895.92	5566.44	5379.89	5257.17	5310.16	5770.71	6496.32	7521.49	6496.36	5770.63	5310.16

Luminaire
Code PX-0086-ANT
Name Baliza 25W fluor E27 dif. opal
Measurem.
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Luminaire Flux	1229.92 lm	Luminaire Power	23.00 W	Efficacy	53.47 lm/W	Efficiency	81.99%
Lamps Flux	1500.00 lm	Maximum value	82.64 cd/klm	Position	C=30.00 G=120.00	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	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35
G 5.0	162.95	193.83	237.06	217.31	173.77	154.53	173.77	217.31	237.06	193.83	173.02	176.90	194.06
G 10.0	477.68	530.63	497.77	404.30	450.73	565.53	450.73	404.30	497.77	530.63	477.68	420.12	439.93
G 15.0	869.04	891.22	863.84	796.60	966.14	1209.74	966.14	843.84	863.84	891.22	869.04	836.87	800.83
G 20.0	1215.13	1227.32	1243.95	1253.19	1396.89	1654.86	1396.89	1253.19	1243.95	1227.32	1215.13	1212.59	1215.99
G 25.0	1572.82	1619.97	1651.20	1673.29	1799.15	2023.51	1799.15	1673.29	1651.20	1619.97	1572.82	1562.11	1613.01
G 30.0	1882.42	1925.88	1959.14	1992.56	2140.84	2402.68	2140.84	1992.56	1959.14	1925.88	1882.42	1886.16	1966.18
G 35.0	2174.17	2211.27	2249.73	2304.95	2480.31	2775.81	2480.31	2304.95	2249.73	2211.27	2174.17	2189.77	2286.93
G 40.0	2478.36	2535.59	2586.96	2639.99	2815.41	3087.28	2815.41	2639.99	2586.96	2535.59	2478.36	2474.23	2591.70
G 45.0	2738.42	2798.18	2859.66	2936.95	3139.44	3487.43	3139.44	2936.95	2859.66	2798.18	2738.42	2748.55	2892.31
G 50.0	3003.79	3071.42	3143.24	3224.09	3449.85	3812.84	3449.85	3224.09	3143.24	3071.42	3003.79	3012.52	3181.98
G 55.0	3271.61	3343.81	3424.44	3537.42	3769.04	4142.69	3769.04	3537.42	3424.44	3343.81	3271.61	3277.86	3470.21
G 60.0	3521.28	3597.41	3692.99	3818.81	4096.86	4551.34	4096.86	3818.81	3692.99	3597.41	3521.28	3540.06	3754.60
G 65.0	3791.64	3883.56	3995.99	4147.24	4438.17	4912.97	4431.97	4147.24	3995.99	3883.56	3791.64	3805.80	4052.88
G 70.0	4057.26	4150.99	4268.18	4451.82	4778.13	5322.40	4778.13	4451.82	4268.18	4150.99	4057.26	4074.78	4359.07
G 75.0	4323.30	4419.31	4552.47	4766.99	5135.51	5755.16	5135.51	4766.99	4552.47	4419.31	4323.30	4353.20	4670.32
G 80.0	4613.24	4720.14	4874.10	5131.12	5532.48	6215.64	5532.48	5131.12	4874.10	4720.14	4613.24	4645.14	5000.05
G 85.0	4913.76	5027.17	5198.11	5490.54	5949.63	6743.02	5949.63	5490.54	5198.11	5027.17	4913.76	4955.73	5355.72
G 90.0	5257.54	5378.98	5566.44	5901.46	6435.01	7370.48	6435.01	5901.46	5566.44	5378.98	5257.54	5310.16	5770.63

Luminaire
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Lamps Flux	1500.00 lm	Maximum value	82.64 cd/klm	Position	C=30.00 G=120.00	CG Asymmetrical

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

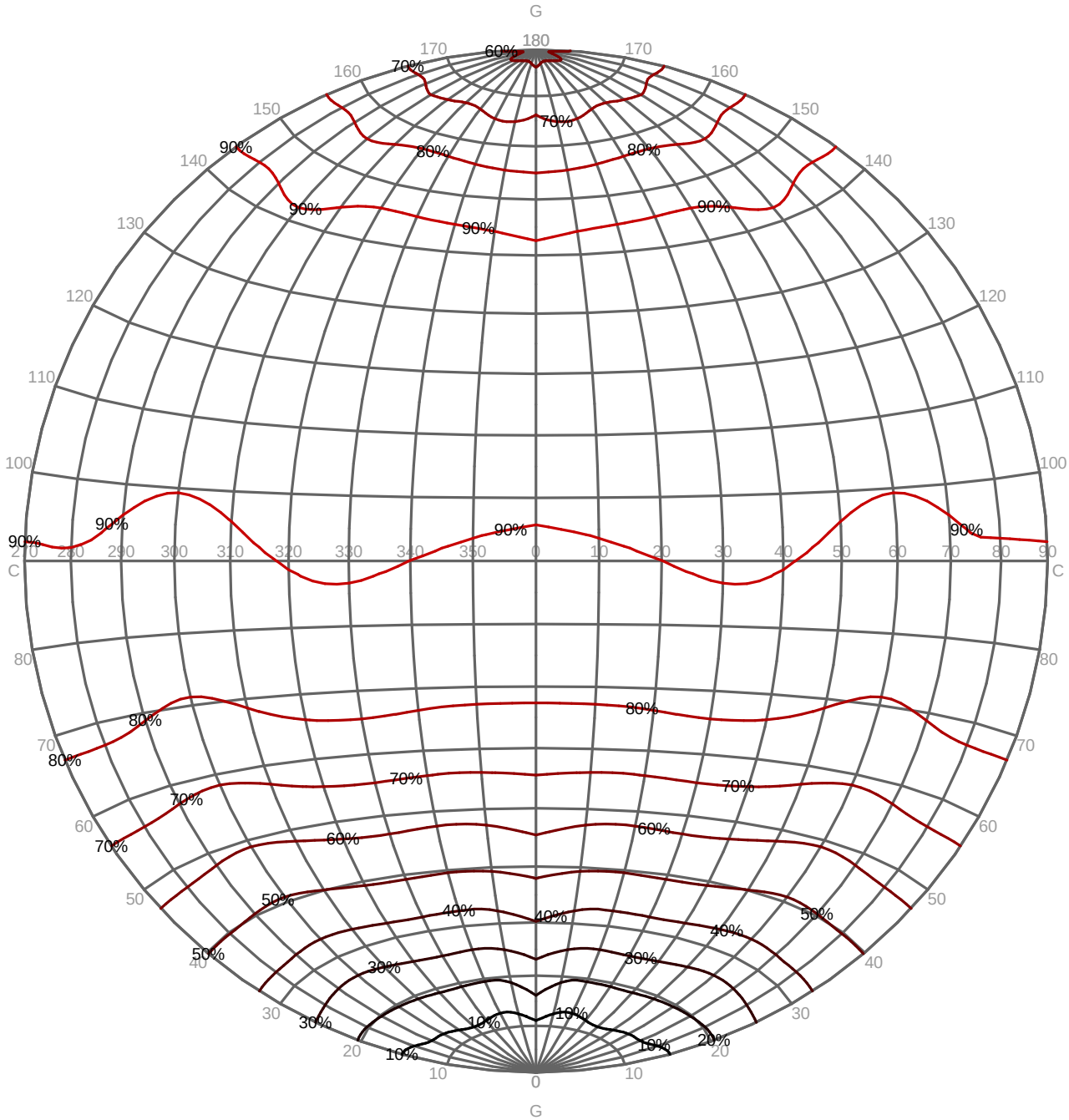
	C 260.00	C 270.00	C 280.00	C 290.00	C 300.00	C 310.00	C 320.00	C 330.00	C 340.00	C 350.00
G 0.0	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35	95.35
G 5.0	163.43	124.58	163.42	183.38	176.90	162.84	194.10	237.06	215.84	177.52
G 10.0	378.21	287.30	378.27	439.80	420.12	478.38	528.86	497.77	414.19	425.28
G 15.0	712.52	648.37	712.63	800.58	836.87	870.35	887.91	863.84	815.27	917.76
G 20.0	1214.15	1235.47	1214.25	1215.75	1212.59	1216.33	1234.94	1243.95	1253.19	1351.87
G 25.0	1709.06	1816.71	1709.14	1612.85	1562.11	1573.63	1617.93	1651.20	1673.29	1768.64
G 30.0	2073.02	2190.85	2073.10	1966.02	1886.16	1883.24	1923.81	1959.14	1992.56	2109.53
G 35.0	2418.26	2572.24	2418.33	2286.78	2189.77	2174.95	2209.29	2249.73	2304.95	2450.21
G 40.0	2761.79	2959.13	2761.83	2591.62	2474.23	2478.77	2534.55	2586.96	2646.03	2799.37
G 45.0	3104.21	3356.04	3104.26	2892.20	2748.55	2739.01	2796.71	2859.66	2926.54	3116.54
G 50.0	3433.68	3735.56	3433.72	3181.90	3012.52	3004.19	3070.41	3143.24	3229.96	3434.11
G 55.0	3756.06	4105.76	3756.07	3470.18	3277.86	3271.77	3343.41	3424.44	3539.78	3762.71
G 60.0	4090.25	4515.74	4090.27	3754.54	3540.06	3521.55	3596.72	3692.99	3822.83	4085.97
G 65.0	4433.49	4918.91	4433.49	4052.87	3805.80	3791.70	3883.40	3995.99	4148.17	4438.17
G 70.0	4789.37	5343.30	4789.37	4359.07	4074.78	4057.25	4151.01	4268.18	4451.67	4778.54
G 75.0	5160.89	5809.93	5160.88	4670.33	4353.20	4323.24	4419.48	4552.47	4765.99	5138.27
G 80.0	5559.53	6315.55	5559.51	5000.10	4645.14	4612.98	4720.80	4874.10	5127.13	5543.49
G 85.0	5993.79	6876.76	5993.76	5355.78	4955.73	4913.45	5027.97	5198.11	5485.76	5962.90
G 90.0	6496.36	7521.49	6496.32	5770.71	5310.16	5257.17	5379.89	5566.44	5895.92	6450.49

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Lamps Flux	1500.00 lm	Maximum value	82.64 cd/klm	Position	C=30.00 G=120.00	CG	Asymmetrical

PERCENTAGE ISOCANDLES

Projection: Equal Area Tilting Angle:0°

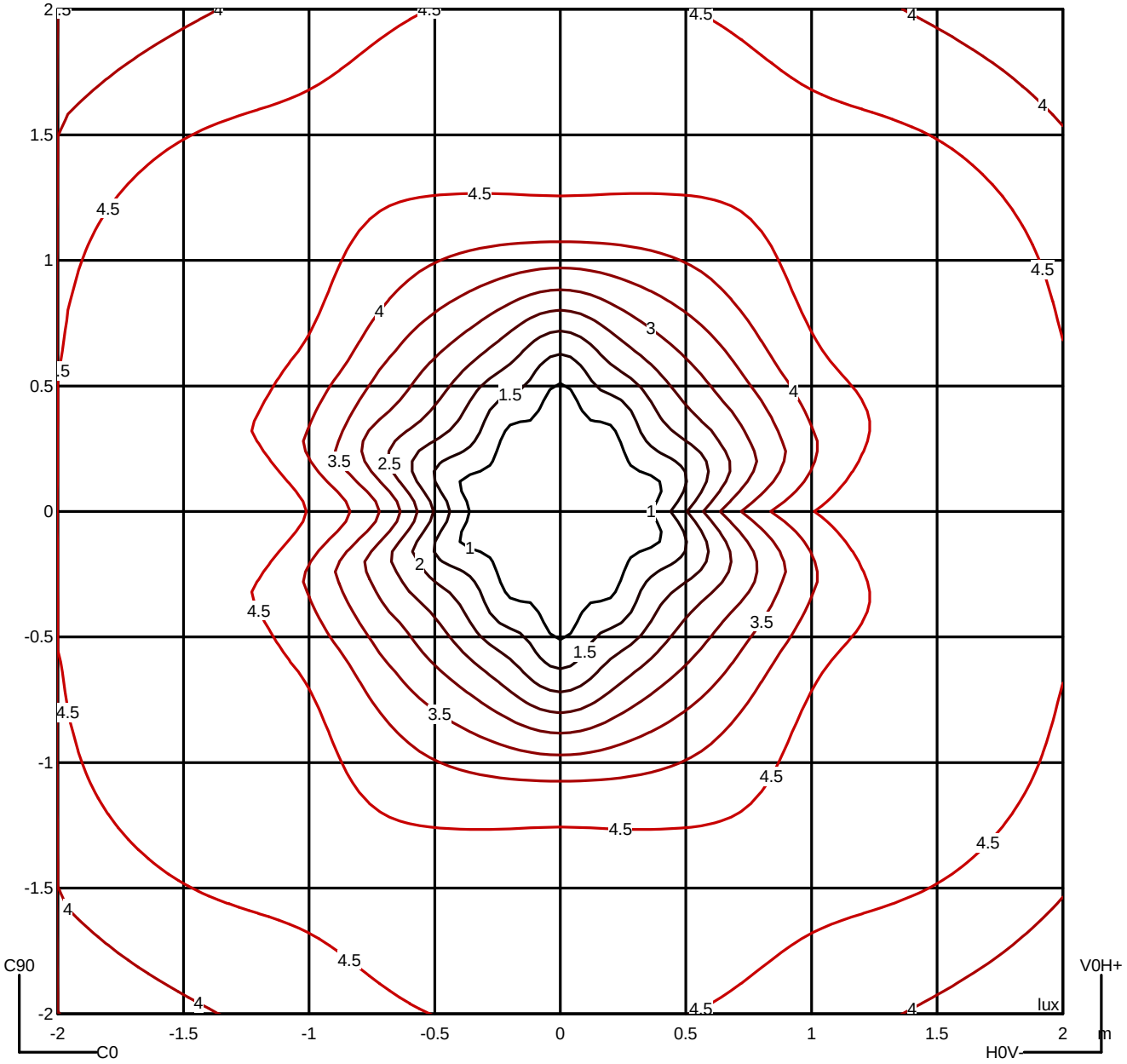


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Isolux (Floor)

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



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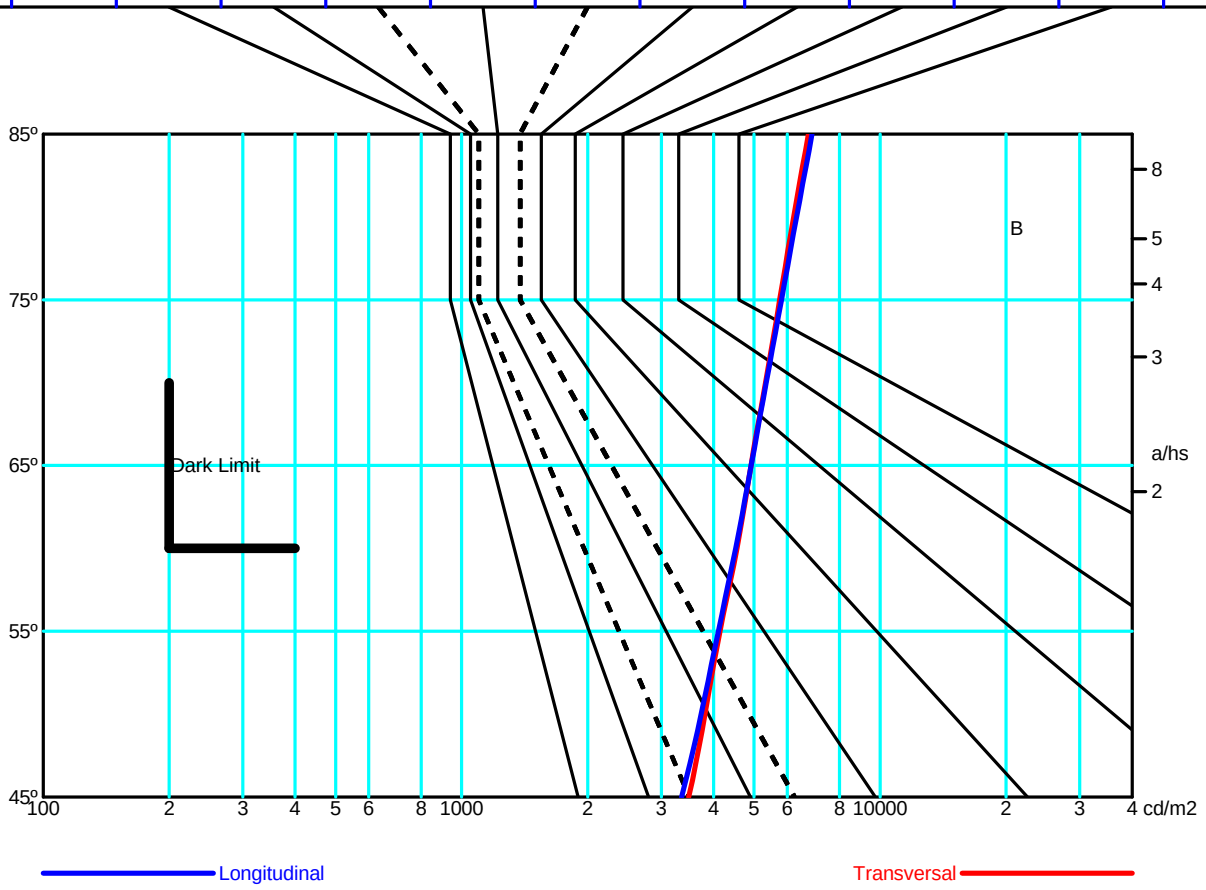
Luminaire Flux	1229.92 lm	Luminaire Power	23.00 W	Efficacy	53.47 lm/W	Efficiency	81.99%
Lamps Flux	1500.00 lm	Maximum value	82.64 cd/klm	Position	C=30.00 G=120.00	CG	Asymmetrical

Average Luminance [cd/m²]

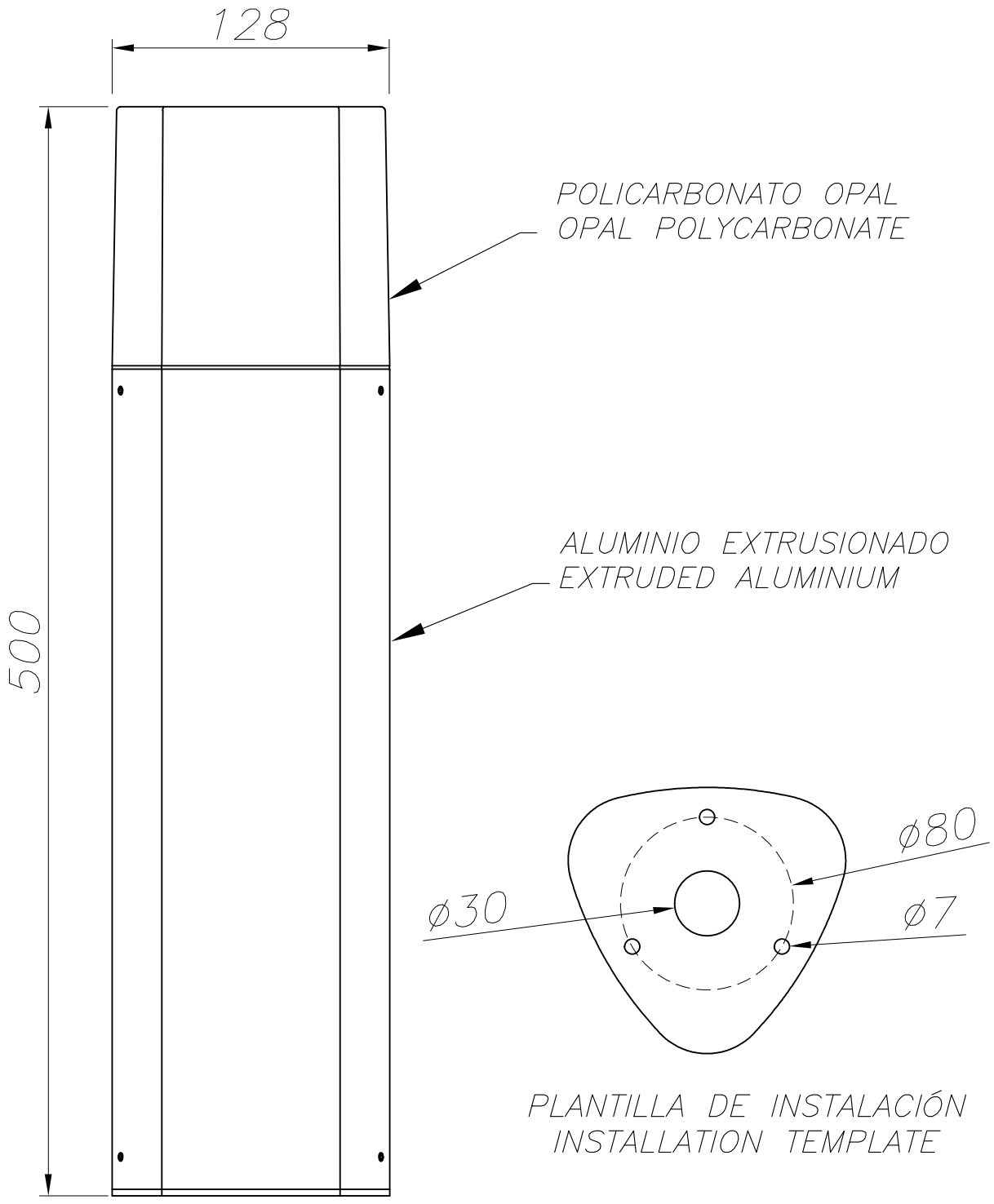
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0.0°	3487	3813	4143	4551	4913	5322	5755	6216	6743	---
90.0°	3356	3736	4106	4516	4919	5343	5810	6316	6877	---

Flush mounted or transveral 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



PX-0086

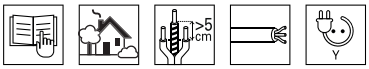


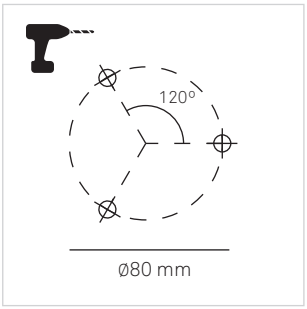
15-05-17

Mandela

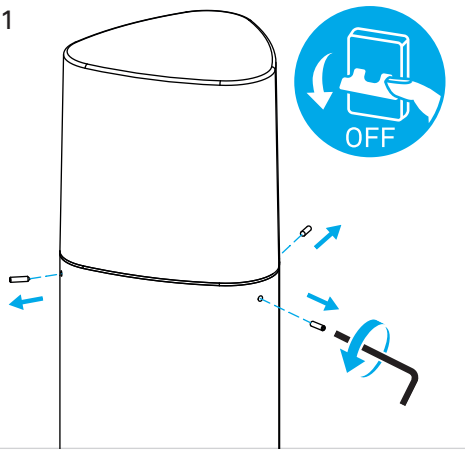
PX-0086 PX-0087

FOR LIGHT

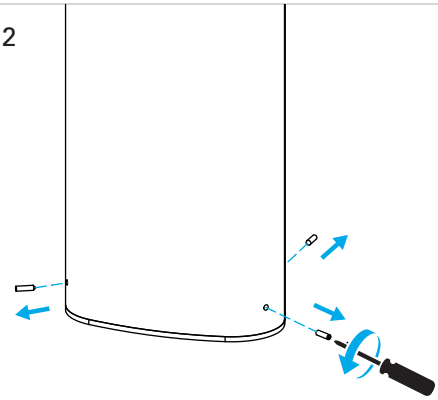




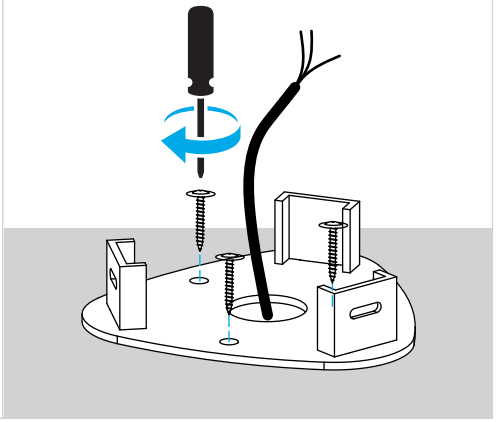
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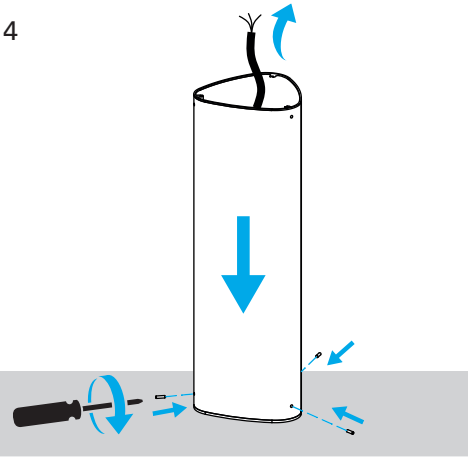
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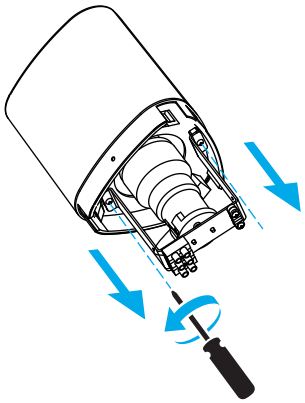
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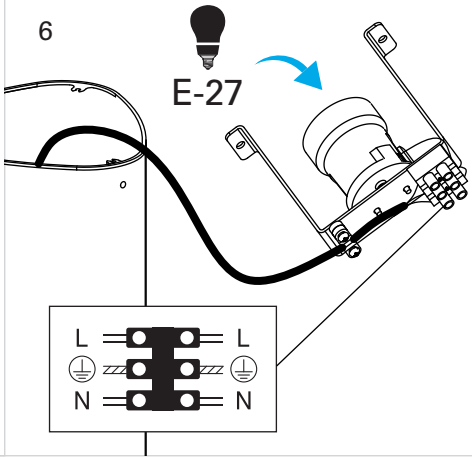
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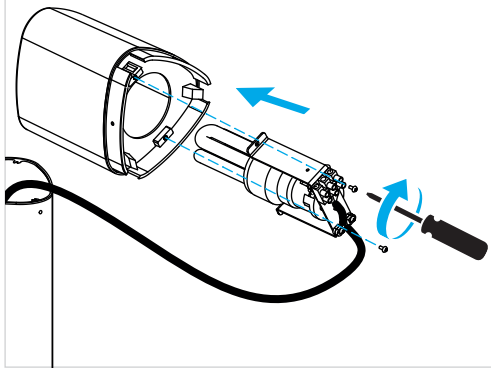
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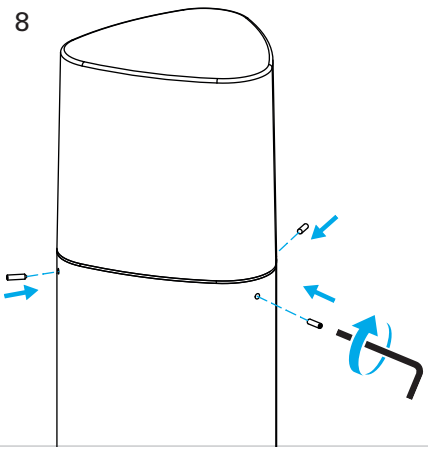
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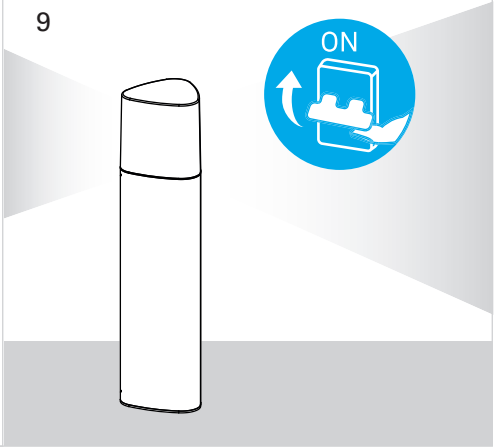
7



8



9



09-12-2021