

CARACTERÍSTICAS TÉCNICAS



IP65 IK08



Potencia total luminaria : 4.7W

Lúmenes reales : 231

Lúmenes nominales : 490

Lm / W reales : 49

Material de la estructura : Aluminio

Acabado estructura : Negro

Material del difusor : Policarbonato

Acabado difusor : Opal

Voltaje / Frecuencia : 220-240V/50-60Hz

Protocolo de regulación : ON-OFF

Vida útil : 36.000h L70B30

Garantía : 3 Años

Resistencia ambientes marinos : No

Luminaria fácilmente reciclable

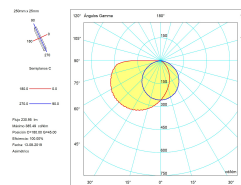
CARACTERÍSTICAS LUMINOTÉCNICAS

CRI: 80

MacAdam steps: 3

Riesgo fotobiológico: RG1

Portalámparas	Cantidad	Potencia fuente de luz (W)	Temperatura de color correlacionada (CCT)
LED	1	4.7W	3000K



LOGÍSTICA

Peso neto (Kg): 0.39

Peso embalado (Kg): 0.4

Embalaje: 245mm x 82mm x 40mm



24 Un

**Luminaire**

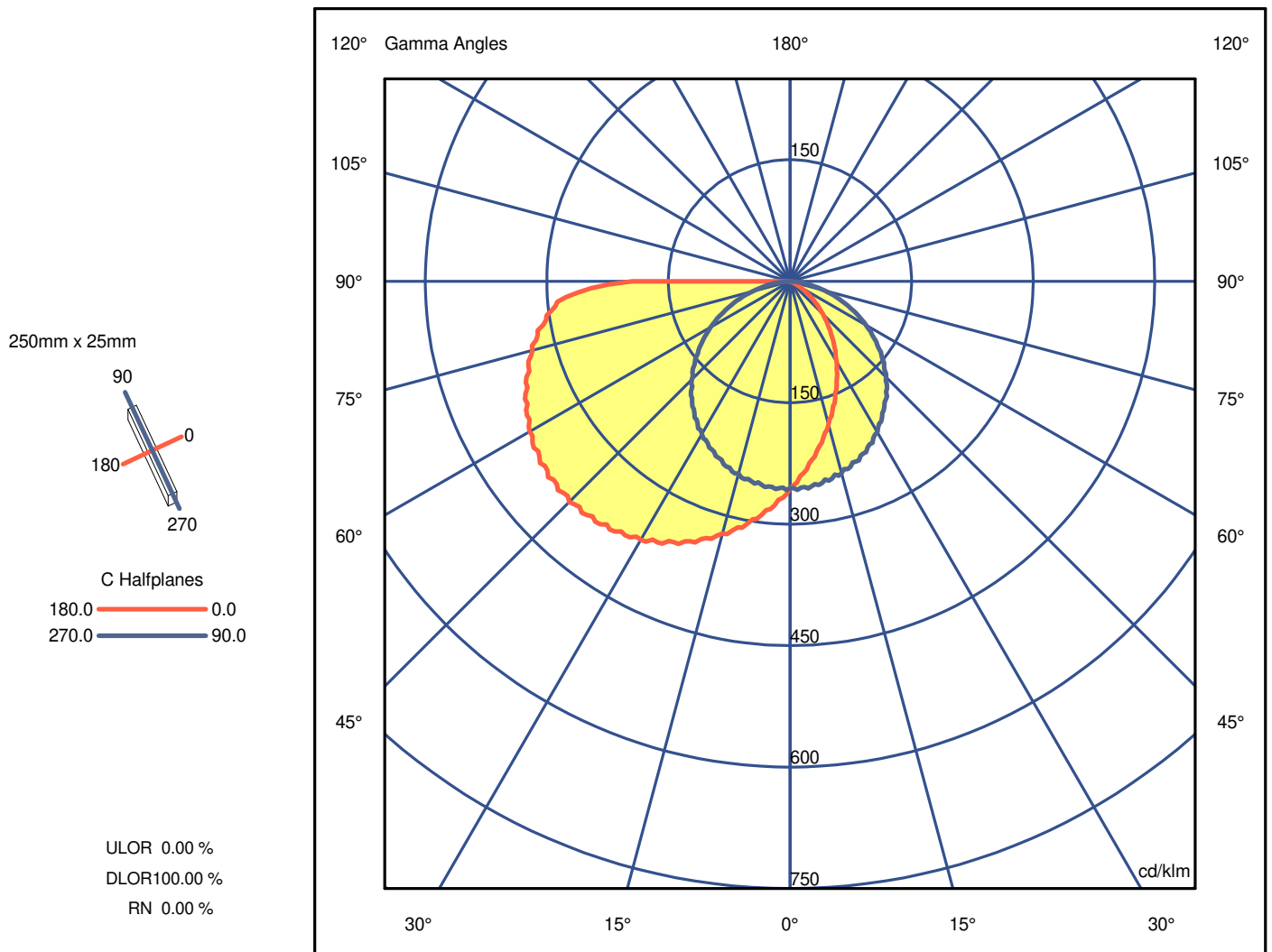
Code PX-0493-NEG
Name MOCCA

Measurem.

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG	Asymmetrical
Rectangular Luminaire		Length	250 mm	Width	25 mm	Height	75 mm
Rectangular Luminous Area		Length	225 mm	Width	18 mm	Height	0 mm
Horizontal Luminous Area		0.004050 m2		Emitting area on Plane 180°		0.000000 m2	
Emitting area on Plane 0°		0.000000 m2		Emitting area on Plane 270°		0.000000 m2	
Emitting area on Plane 90°		0.000000 m2		Glare area at 76°		0.000980 m2	
Coordinate system		CG		Symmetry Type		Asymmetrical	
Date		13-08-2019		Maximum Gamma Angle		90	
Measurement Distance		0.00		Measurement Flux		230.95 lm	
Operator		qualitat		Rated Voltage			
Temperature		25.00 °C		Rated Current			
Humidity		60.00 %		Photocell			
Notes							

Line		Code		Luminaire Lamps		Flux [lm]	Pow. [W]	Q.ty
		PX-0493-NEG		Name PX-0493-BLA		230.95	4.90	1
C.I.E.	36 64 85 100 100			D DIN 5040	A20			
F UTE	1.00 H			B NBN	BZ 6			



**Luminaire**

Code PX-0493-NEG
Name MOCCA

Measurement

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm		Luminaire Power		4.90 W		Efficacy		47.13 lm/W		Efficiency		100.00%
Sources Flux	230.95 lm		Maximum value		385.49 cd/klm		Position		C=180.00 G=45.00		CG Asymmetrical		
Luminous Intensity Table cd/klm Table 1/4													
	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	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39
G 1.0	251.92	253.15	251.03	251.38	253.15	253.52	255.52	256.38	256.17	260.27	259.74	260.21	263.19
G 2.0	248.24	248.68	248.57	248.05	251.21	251.01	257.54	260.51	256.68	261.54	264.30	266.62	267.80
G 3.0	240.61	240.90	244.30	244.51	248.01	250.98	255.13	259.61	262.06	264.95	268.14	270.04	270.01
G 4.0	237.23	238.61	238.31	240.11	244.92	248.72	254.52	258.43	264.28	269.23	271.75	274.92	277.36
G 5.0	233.39	234.10	235.44	237.22	243.34	246.15	256.75	262.39	263.97	270.71	276.38	281.22	282.55
G 6.0	226.07	225.75	231.13	233.22	239.26	245.34	254.33	261.42	268.25	274.68	280.42	284.12	283.90
G 7.0	221.61	223.64	225.26	228.51	236.75	243.94	252.39	260.00	270.17	278.02	283.45	288.62	290.61
G 8.0	218.64	219.58	221.05	225.24	235.08	240.96	253.96	264.14	268.31	278.28	287.46	294.25	296.21
G 9.0	211.66	211.80	217.91	220.89	227.23	239.42	252.23	263.78	273.22	281.58	291.58	296.79	297.73
G 10.0	206.64	208.36	211.54	216.74	224.45	238.56	248.55	260.76	275.68	285.68	294.12	300.46	303.78
G 11.0	203.61	204.86	207.51	213.60	222.89	236.01	250.58	265.43	272.67	286.32	297.74	306.32	310.03
G 12.0	197.10	197.63	204.35	208.83	219.64	233.63	249.04	264.59	277.47	288.88	301.92	308.67	310.80
G 13.0	191.81	193.39	198.40	204.86	216.22	232.76	244.91	260.50	279.44	293.09	303.91	312.26	315.41
G 14.0	188.74	189.83	194.24	201.34	212.92	228.58	247.26	265.43	277.27	294.05	306.85	317.21	321.80
G 15.0	182.68	183.79	190.71	195.83	210.40	226.03	245.32	264.65	279.97	294.53	311.28	319.97	322.43
G 16.0	176.77	178.91	184.80	192.90	206.46	224.77	241.01	261.40	281.74	299.30	313.07	323.05	326.59
G 17.0	174.22	175.94	180.23	188.96	203.91	220.81	242.53	264.69	278.97	299.09	315.89	327.66	332.41
G 18.0	168.59	169.63	176.64	183.37	199.89	217.95	240.89	264.87	280.40	300.17	319.70	330.23	333.31
G 19.0	162.67	164.27	171.13	180.93	196.16	216.53	236.69	261.30	283.18	304.32	321.07	332.47	336.57
G 20.0	160.17	161.18	165.96	176.61	193.65	212.54	236.82	263.06	280.13	304.78	323.34	337.11	343.33
G 21.0	154.77	155.66	162.57	171.91	189.59	209.43	236.94	263.24	281.07	305.49	327.26	340.00	343.96
G 22.0	148.57	150.12	157.71	168.29	186.44	206.83	232.14	259.52	284.13	308.71	328.42	341.56	346.09
G 23.0	145.74	146.65	152.82	164.04	182.80	203.62	230.80	259.95	281.02	309.67	330.53	344.94	352.30
G 24.0	141.38	141.56	149.56	159.88	178.82	200.14	230.56	261.25	281.18	308.24	334.26	347.76	352.74
G 25.0	135.45	136.48	144.55	155.78	175.26	197.12	226.12	255.39	284.18	311.61	334.42	349.36	353.67
G 26.0	131.89	133.13	139.95	151.18	171.07	194.09	223.99	255.33	281.56	312.41	336.03	351.38	360.47
G 27.0	127.95	128.29	136.42	147.19	167.65	190.21	223.67	256.79	280.64	311.25	338.97	355.23	361.54
G 28.0	122.24	123.10	131.72	143.08	163.44	186.60	218.78	253.18	282.83	313.76	339.67	356.02	361.23
G 29.0	118.80	119.81	127.23	138.73	158.93	183.57	216.17	251.67	281.13	314.96	340.45	358.21	367.48
G 30.0	115.05	115.51	123.12	134.50	155.87	179.27	215.08	252.21	278.68	310.05	343.45	361.57	368.56
G 31.0	109.51	110.60	119.07	130.49	150.98	175.93	210.76	249.10	281.80	311.76	344.07	361.18	367.78
G 32.0	105.79	107.51	114.50	126.13	147.28	173.08	207.43	246.55	280.39	315.20	345.00	363.15	372.70
G 33.0	102.56	103.60	110.50	122.18	143.64	168.60	206.12	247.75	277.09	313.31	346.59	366.26	373.78
G 34.0	97.31	98.39	106.72	118.48	138.97	164.90	202.67	244.69	279.64	315.51	346.99	365.69	372.47
G 35.0	93.71	95.06	102.16	113.79	135.02	162.53	198.61	241.02	278.22	316.05	347.32	367.36	377.23
G 36.0	90.32	91.36	98.38	109.95	131.35	157.61	196.60	242.61	274.56	316.25	348.83	370.27	378.81
G 37.0	85.67	86.40	94.87	106.16	126.57	153.95	193.11	239.21	276.27	317.00	349.82	369.52	375.89
G 38.0	81.87	83.14	90.40	101.94	122.76	151.32	189.25	235.17	275.26	318.39	349.33	370.69	380.71
G 39.0	78.63	79.81	86.78	98.50	119.22	146.40	187.68	235.95	271.35	316.13	349.34	372.91	381.90
G 40.0	74.36	75.30	83.40	94.43	114.77	142.89	185.66	233.25	273.09	315.20	350.32	372.12	379.19
G 41.0	70.52	71.90	79.18	90.58	111.17	140.21	180.33	227.74	271.82	317.10	349.71	372.78	382.18
G 42.0	67.83	68.89	75.45	86.75	107.56	135.43	178.33	228.38	266.87	315.08	347.79	374.82	384.30
G 43.0	63.70	64.71	72.08	82.81	103.19	131.37	175.20	226.16	268.15	314.56	347.88	374.10	380.75
G 44.0	60.06	61.31	68.32	79.23	99.55	128.21	169.91	221.39	267.25	314.06	346.82	374.29	382.95
G 45.0	57.30	58.53	64.76	75.48	95.82	123.68	167.38	219.99	262.11	311.92	346.06	375.92	385.49
G 46.0	53.73	55.00	61.72	71.90	91.54	119.46	164.57	217.82	262.32	310.29	346.88	374.66	381.62
G 47.0	50.30	51.46	58.04	68.53	87.86	116.22	159.13	212.54	262.00	309.71	344.99	374.04	382.88
G 48.0	47.51	48.87	54.75	64.58	84.16	111.67	156.14	210.77	256.79	308.43	344.27	374.59	385.35
G 49.0	44.22	45.20	51.87	61.28	80.09	107.38	153.45	209.36	255.95	306.15	345.30	373.31	381.63
G 50.0	40.94	42.32	48.33	57.94	76.50	103.92	148.60	204.29	256.04	304.67	342.97	371.25	381.16
G 51.0	38.32	39.66	45.47	54.79	72.81	99.53	144.89	201.17	250.59	304.60	341.38	371.30	384.27
G 52.0	35.30	36.26	42.61	51.64	69.07	95.58	142.04	200.15	248.50	301.72	342.16	371.27	380.08
G 53.0	32.17	33.42	39.43	48.34	65.35	91.83	136.73	194.92	248.95	299.59	339.00	368.06	378.91
G 54.0	29.62	30.86	36.43	45.10	61.86	87.59	132.61	191.39	243.81	299.64	336.71	368.12	381.57
G 55.0	26.93	27.92	33.74	42.11	58.41	83.28	129.91	190.42	240.86	296.41	337.82	368.59	377.61
G 56.0	24.06	25.10	30.84	39.12	54.70	79.66	124.85	185.67	240.75	294.36	334.85	364.95	375.01
G 57.0	21.57	22.71	28.00	36.08	51.32	75.55	120.42	181.88	236.39	293.58	332.77	364.24	377.51
G 58.0	19.19	20.07	25.48	33.39	48.16	71.42	117.38	180.62	232.41	289.74	332.83	364.68	374.95
G 59.0	16.59	17.46	22.83	30.68	44.91	67.77	112.52	175.70	231.75	287.96	329.45	360.52	370.73
G 60.0	14.30	15.35	20.25	27.75	41.66	63.95	107.92	171.15	228.19	286.92	327.41	359.19	371.27
G 61.0	12.13	12.97	17.85	25.18	38.72	59.89	104.29	169.31	222.97	282.91	326.70	358.68	368.93
G 62.0	9.94	10.73	15.50	22.66	35.44	56.29	99.87	164.85	222.95	280.12	323.29	354.79	364.24
G 63.0	7.97	8.77	13.13	20.04	32.53	52.70	95.06	159.46	223.79	279.14	320.91	351.98	364.58
G 64.0	6.32	7.06	10.97	17.64	29.84	48.96	91.16	157.75	217.61	274.84	318.94	352.39	362.29
G 65.0	4.93	5.35	8.94	15.35	26.87	45.25	86.94	153.43	217.28	269.58	316.27	347.75	357.55
G 66.0	3.55	4.04	7.00	13.06	24.18	42.03	82.11	146.87	213.90	269.85	312.88	344.44	357.93
G 67.0	2.65	2.91	5.50	10.95	21.74	38.43	78.27	145.34	207.62.				

**Luminaire**

Code PX-0493-NEG
Name MOCCA

Measur.

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm		Luminaire Power		4.90 W		Efficacy		47.13 lm/W		Efficiency		100.00%
Sources Flux	230.95 lm		Maximum value		385.49 cd/klm		Position		C=180.00 G=45.00		CG Asymmetrical		
Luminous Intensity Table cd/klm Table 2/4													
	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	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39	255.39
G 1.0	262.59	260.71	258.65	257.81	255.28	257.61	256.63	249.95	250.08	251.72	252.29	252.29	252.29
G 2.0	268.22	263.22	260.96	260.61	256.99	254.93	253.02	247.87	248.79	246.29	245.91	245.91	245.91
G 3.0	270.11	267.64	264.57	262.42	259.46	255.65	250.30	247.74	244.54	241.90	240.64	240.64	240.64
G 4.0	276.30	273.55	268.84	264.02	258.16	257.17	250.75	242.57	239.72	238.85	237.76	237.76	237.76
G 5.0	282.40	275.79	271.01	267.71	259.76	254.90	247.64	240.41	237.33	233.61	231.67	231.67	231.67
G 6.0	283.28	279.14	274.37	268.61	262.43	254.47	244.21	238.60	233.79	229.03	226.24	226.24	226.24
G 7.0	288.90	286.21	277.88	269.86	260.52	255.79	244.19	233.95	228.41	225.32	222.77	222.77	222.77
G 8.0	295.50	287.57	280.57	273.69	261.75	253.58	242.00	230.86	225.54	220.12	217.67	217.67	217.67
G 9.0	296.72	291.72	283.53	274.41	264.31	251.48	236.03	229.49	222.03	215.61	212.14	212.14	212.14
G 10.0	300.68	297.25	285.85	276.67	262.41	253.53	239.38	225.59	216.53	211.83	208.31	208.31	208.31
G 11.0	306.27	298.78	289.17	279.79	264.99	251.61	237.28	221.29	213.68	206.20	203.24	203.24	203.24
G 12.0	307.47	300.74	291.63	280.95	267.30	249.43	232.96	220.50	210.26	202.15	197.45	197.45	197.45
G 13.0	310.96	307.37	294.25	282.04	265.33	250.90	231.53	216.42	204.94	198.53	193.57	193.57	193.57
G 14.0	317.73	308.48	297.75	284.55	265.70	249.41	229.71	211.86	201.27	193.40	188.70	188.70	188.70
G 15.0	318.75	309.74	298.90	284.99	267.20	245.92	225.18	211.13	198.26	188.77	183.19	183.19	183.19
G 16.0	320.88	315.81	301.81	285.68	265.29	246.81	224.96	207.11	192.67	184.82	178.81	178.81	178.81
G 17.0	327.33	317.09	305.25	287.80	265.49	245.47	223.41	201.83	189.24	179.79	174.85	174.85	174.85
G 18.0	328.93	317.81	305.49	287.56	266.72	241.77	218.11	200.77	185.90	175.71	169.45	169.45	169.45
G 19.0	329.25	323.61	307.52	288.29	265.11	241.82	216.81	197.03	180.52	171.77	165.06	165.06	165.06
G 20.0	336.74	324.38	309.92	289.83	265.00	240.22	215.53	191.66	176.91	166.87	160.83	160.83	160.83
G 21.0	338.36	323.45	311.37	289.06	265.01	236.17	210.02	189.63	173.09	162.13	155.35	155.35	155.35
G 22.0	338.32	328.97	313.63	290.06	262.80	235.20	207.88	186.40	168.59	158.39	150.90	150.90	150.90
G 23.0	345.43	331.69	316.08	291.67	262.56	234.60	206.41	180.42	163.77	153.56	147.24	147.24	147.24
G 24.0	346.96	329.92	316.25	289.95	262.45	230.53	201.53	177.43	161.10	149.05	142.16	142.16	142.16
G 25.0	345.83	334.72	317.48	290.90	260.93	228.92	198.36	174.81	155.94	145.01	137.47	137.47	137.47
G 26.0	352.55	337.85	319.23	292.20	259.85	228.26	197.08	169.26	151.54	140.43	133.95	133.95	133.95
G 27.0	354.72	337.10	320.09	290.30	259.94	224.25	192.68	165.84	148.62	136.07	128.71	128.71	128.71
G 28.0	353.02	340.16	320.93	291.11	257.03	221.73	188.50	163.35	143.36	131.76	124.52	124.52	124.52
G 29.0	358.15	344.36	321.58	291.98	255.88	221.42	187.31	158.18	139.16	127.78	121.23	121.23	121.23
G 30.0	361.59	342.19	322.59	291.47	255.33	217.41	183.12	154.12	135.74	123.27	116.25	116.25	116.25
G 31.0	359.30	344.29	323.33	290.61	252.50	214.36	178.24	151.69	131.56	119.03	112.23	112.23	112.23
G 32.0	363.63	348.11	323.18	290.21	251.17	213.91	176.64	146.39	126.65	115.16	108.48	108.48	108.48
G 33.0	366.86	345.67	325.07	289.72	250.28	209.43	172.80	142.23	123.46	110.91	103.95	103.95	103.95
G 34.0	364.25	346.60	324.45	288.73	248.15	206.13	167.60	139.91	119.33	106.45	99.83	99.83	99.83
G 35.0	366.93	350.53	323.79	287.90	246.25	205.48	165.41	134.87	114.60	102.93	96.11	96.11	96.11
G 36.0	370.92	347.57	325.29	287.95	244.46	201.11	161.86	130.40	111.24	98.82	91.75	91.75	91.75
G 37.0	368.48	348.11	323.34	285.81	242.79	197.53	156.50	128.02	107.20	94.60	87.80	87.80	87.80
G 38.0	368.93	350.07	323.09	285.00	240.48	196.12	153.86	123.26	102.56	90.82	84.10	84.10	84.10
G 39.0	373.59	345.30	324.16	284.23	238.12	192.18	150.66	118.58	98.91	86.71	80.20	80.20	80.20
G 40.0	371.49	343.27	322.33	282.17	237.26	188.22	145.13	115.87	95.51	83.07	76.43	76.43	76.43
G 41.0	371.53	346.27	322.01	280.64	233.58	186.53	142.19	111.66	90.92	79.39	72.77	72.77	72.77
G 42.0	377.70	352.15	321.92	279.29	231.16	182.79	139.11	106.17	87.34	75.59	69.31	69.31	69.31
G 43.0	374.82	351.14	320.45	278.07	229.66	176.99	133.65	103.89	83.82	72.14	65.38	65.38	65.38
G 44.0	372.33	353.40	320.10	275.70	226.39	175.59	130.71	99.44	79.54	68.63	62.09	62.09	62.09
G 45.0	378.15	352.52	319.88	274.28	223.38	171.75	127.50	94.40	76.00	64.82	58.77	58.77	58.77
G 46.0	375.33	350.79	317.63	271.98	222.08	166.75	122.31	92.05	72.75	61.51	55.47	55.47	55.47
G 47.0	371.89	352.92	316.65	269.17	218.64	164.98	118.45	87.47	68.68	58.08	52.17	52.17	52.17
G 48.0	377.87	352.50	316.09	268.47	214.88	161.17	115.41	83.14	65.05	54.73	49.17	49.17	49.17
G 49.0	375.71	348.33	313.70	266.18	213.98	156.03	110.27	79.93	62.13	51.61	45.75	45.75	45.75
G 50.0	371.12	352.08	312.70	263.59	210.16	153.39	106.15	76.18	58.23	48.23	42.69	42.69	42.69
G 51.0	375.07	351.48	311.16	261.99	205.94	149.91	103.02	71.79	55.14	45.33	39.97	39.97	39.97
G 52.0	374.47	346.15	308.42	258.70	204.51	144.52	97.99	68.72	52.04	42.44	36.79	36.79	36.79
G 53.0	369.41	347.61	307.50	256.80	200.89	141.73	93.85	65.29	48.62	39.37	33.91	33.91	33.91
G 54.0	371.75	347.75	305.18	254.24	196.64	138.12	90.41	61.20	45.25	36.50	31.23	31.23	31.23
G 55.0	371.61	341.94	302.67	251.81	194.83	133.11	85.78	57.96	42.61	33.71	28.35	28.35	28.35
G 56.0	365.88	342.57	301.02	248.89	191.19	129.63	81.40	54.66	39.52	30.71	25.63	25.63	25.63
G 57.0	366.42	343.07	298.95	245.68	186.78	126.11	77.94	50.69	36.31	28.16	23.11	23.11	23.11
G 58.0	367.05	337.47	296.43	243.29	184.02	121.37	73.51	47.59	33.90	25.60	20.40	20.40	20.40
G 59.0	361.41	335.94	293.15	239.16	181.05	117.14	68.97	44.44	31.01	22.78	17.86	17.86	17.86
G 60.0	360.79	336.87	290.99	236.16	176.00	113.79	66.06	41.28	28.13	20.40	15.59	15.59	15.59
G 61.0	361.17	330.75	288.89	234.09	172.94	108.80	61.98	37.56	25.65	17.86	13.12	13.12	13.12
G 62.0	356.26	328.71	285.78	230.07	170.03	104.16	57.52	34.90	23.08	15.37	10.84	10.84	10.84
G 63.0	354.59	330.28	282.44	227.14	164.77	101.13	54.42	32.06	20.34	13.05	8.79	8.79	8.79
G 64.0	355.32	323.64	280.60	224.83	161.23	95.92	50.71	29.25	17.90	10.79	7.00	7.00	7.00
G 65.0	350.55	320.95	277.09	220.22	157.99	91.10	46.45	26.71	15.59	8.65	5.22	5.22	5.22
G 66.0	346.92	321.54	273.78	216.65	152.27	87.45	43.29	24.08	13.03	6.68	3.89	3.89	3.89
G 67.0	347.88	315.85	265.41	214.34	148.97	82.91	39.83	21.46	10.92	5.14	2.71	2.71	2.71
G 68.0	337.81	310.92	263.34	209.69	145.70	78.33	35.93	19.22	8.75	3.61	2.00	2.00	2.00
G 69.0	333.24	308.81	260.63	206.87	141.12	74.40	32.89	16.72	6.85	2.45	1.64	1.64	1.64
G 70.0	337.24	308.43	258.80	203.82	136.77	70.15	29.77	14.33	4.96	1.69	1.47	1.47	1.47
G 71.0	333.19	303.33	253.76	198.70	133.58	65.40	26.26	12.21	3.45	1.33	1.38	1.38	1.38
G 72.0	328.14	303.05	250.94	195.11	128.56	61.49	23.48	10.02	2.27	1.22	1.35	1.35	1.35



Luminaire

Code PX-0493-NEG
Name MOCCA

Measurement

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm		Luminaire Power		4.90 W		Efficacy		47.13 lm/W		Efficiency		100.00%	
Sources Flux	230.95 lm		Maximum value		385.49 cd/klm		Position		C=180.00 G=45.00		CG		Asymmetrical	
Luminous Intensity Table cd/klm														Table 3/4
	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 73.0	1.46	1.34	1.18	1.80	8.30	20.14	52.63	119.75	185.19	245.33	293.20	326.47	337.66	
G 74.0	1.38	1.25	1.12	1.30	6.47	17.48	48.61	115.63	181.77	241.54	290.92	321.63	332.51	
G 75.0	1.27	1.15	1.08	1.09	4.97	15.12	44.34	110.23	179.38	239.03	286.58	317.62	329.24	
G 76.0	1.19	1.07	1.04	0.97	3.47	12.79	40.37	106.43	172.88	234.49	282.49	315.04	328.48	
G 77.0	1.09	1.00	0.99	0.92	2.33	10.59	36.62	102.78	169.47	230.16	280.50	310.68	321.32	
G 78.0	0.99	0.95	0.94	0.90	1.47	8.64	32.49	97.76	166.65	227.58	275.22	305.49	318.35	
G 79.0	0.91	0.89	0.90	0.88	1.09	6.85	28.82	93.61	160.28	223.63	271.04	303.85	317.17	
G 80.0	0.82	0.84	0.87	0.87	0.93	5.16	25.32	89.75	156.66	218.70	268.41	300.41	309.43	
G 81.0	0.71	0.77	0.85	0.86	0.88	3.73	21.57	85.01	153.51	214.28	262.70	294.57	304.73	
G 82.0	0.70	0.73	0.81	0.85	0.86	2.51	18.31	80.46	147.88	210.68	258.62	291.26	303.32	
G 83.0	0.70	0.72	0.78	0.84	0.85	1.58	15.15	76.90	143.85	205.20	255.29	287.83	296.64	
G 84.0	0.69	0.72	0.76	0.83	0.83	1.03	11.97	72.40	141.25	201.76	250.01	281.79	291.42	
G 85.0	0.69	0.71	0.77	0.81	0.81	0.87	9.20	67.76	135.71	197.79	245.30	276.66	288.35	
G 86.0	0.68	0.69	0.77	0.80	0.81	0.81	6.69	64.03	130.74	191.79	241.68	270.86	276.89	
G 87.0	0.67	0.68	0.76	0.79	0.80	0.79	4.33	59.87	127.62	187.80	235.62	257.97	261.40	
G 88.0	0.69	0.74	0.78	0.77	0.78	0.77	2.48	55.53	122.24	183.11	228.75	243.16	245.93	
G 89.0	0.83	0.79	0.82	0.79	0.78	0.76	1.64	52.09	117.01	177.24	221.94	229.03	224.63	
G 90.0	0.97	1.15	1.09	0.99	0.80	0.76	0.79	48.07	114.11	171.04	208.73	205.58	194.71	


Luminaire

Code PX-0493-NEG
Name MOCCA

Measurem.

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG	Asymmetrical

Luminous Intensity Table cd/klm Table 4/4

	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 73.0	329.51	298.45	248.05	191.78	124.20	57.41	20.84	7.95	1.46	1.16	1.32
G 74.0	323.62	291.97	243.63	187.06	120.80	52.72	17.84	6.13	1.09	1.13	1.26
G 75.0	318.00	292.08	240.06	182.76	115.78	48.89	15.45	4.50	0.98	1.12	1.18
G 76.0	318.64	287.77	237.05	179.32	111.18	44.84	13.16	2.88	0.94	1.08	1.10
G 77.0	313.17	280.50	232.57	173.97	107.48	40.79	10.77	1.76	0.93	1.04	1.00
G 78.0	307.13	280.33	228.82	169.75	102.57	36.93	8.71	1.06	0.92	0.99	0.94
G 79.0	306.54	275.70	225.64	166.22	98.18	33.16	6.84	0.82	0.89	0.93	0.87
G 80.0	301.16	268.71	220.57	161.10	94.19	29.22	5.02	0.79	0.88	0.89	0.82
G 81.0	294.83	267.96	216.78	156.76	89.75	25.56	3.44	0.77	0.87	0.86	0.74
G 82.0	293.33	263.85	213.05	153.16	85.04	22.12	2.08	0.75	0.85	0.80	0.71
G 83.0	288.99	257.20	207.69	147.76	81.05	18.57	1.40	0.74	0.85	0.77	0.71
G 84.0	281.95	254.09	204.15	143.54	76.95	15.32	0.71	0.73	0.84	0.77	0.71
G 85.0	279.42	251.58	199.96	139.53	72.00	12.33	0.67	0.73	0.80	0.75	0.69
G 86.0	271.62	243.56	195.28	134.81	68.11	9.41	0.64	0.73	0.79	0.74	0.68
G 87.0	258.35	240.09	191.11	130.31	64.19	6.72	0.60	0.74	0.78	0.73	0.69
G 88.0	246.82	235.56	186.36	126.31	59.54	4.52	0.59	0.72	0.79	0.75	0.78
G 89.0	230.92	222.90	177.93	122.10	55.72	2.32	0.59	0.75	0.92	0.89	0.87
G 90.0	210.66	210.55	167.19	117.03	52.25	0.92	0.64	0.78	1.17	1.19	1.18



Luminaire

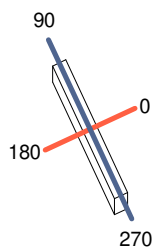
Code PX-0493-NEG
Name MOCCA

Measurem.

Code PX-0493-NEG
Name MOCCA

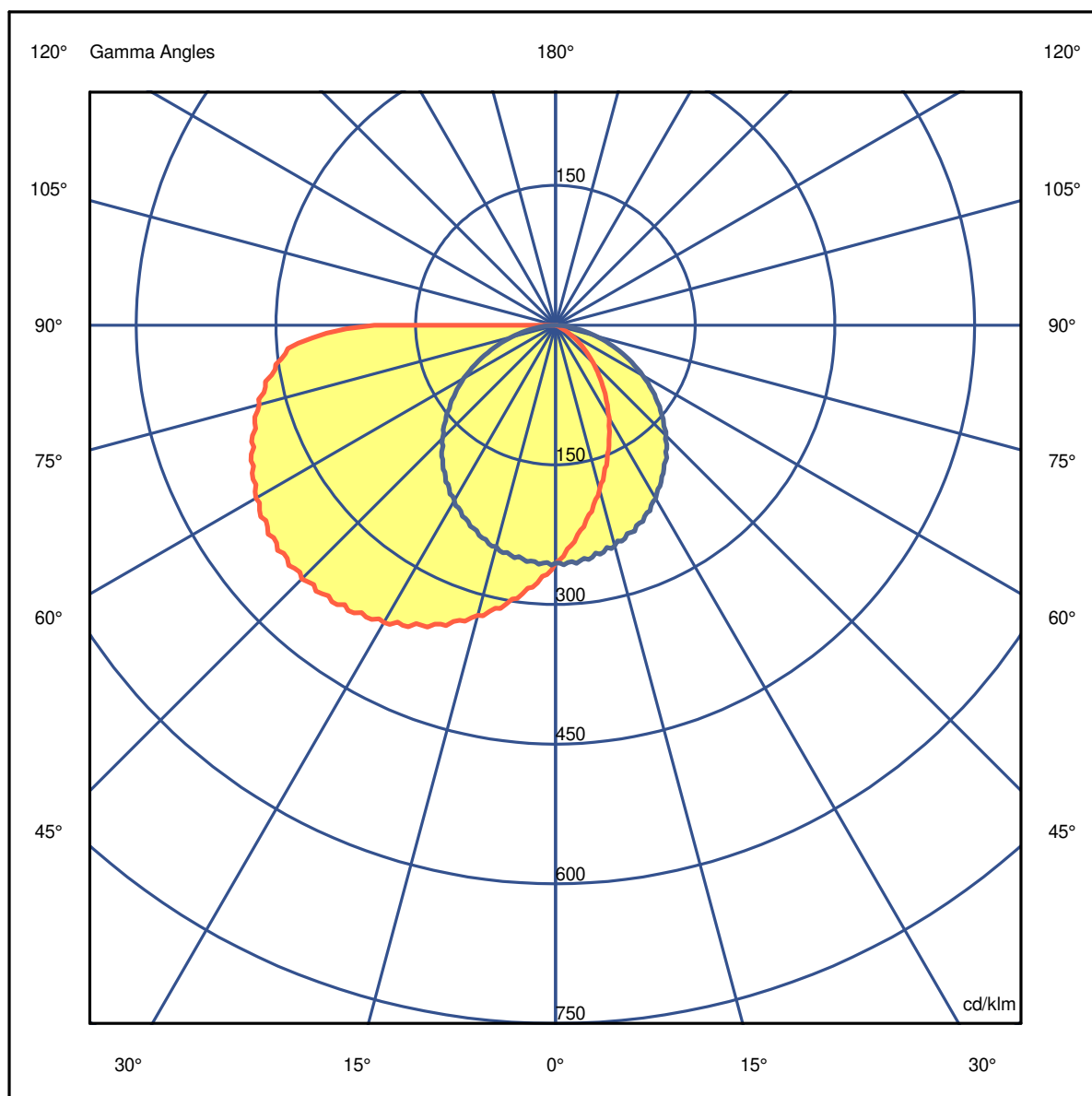
Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG	Asymmetrical

250mm x 25mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0





Luminaire

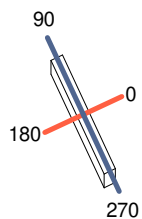
Code PX-0493-NEG
Name MOCCA

Measurement

Code PX-0493-NEG
Name MOCCA

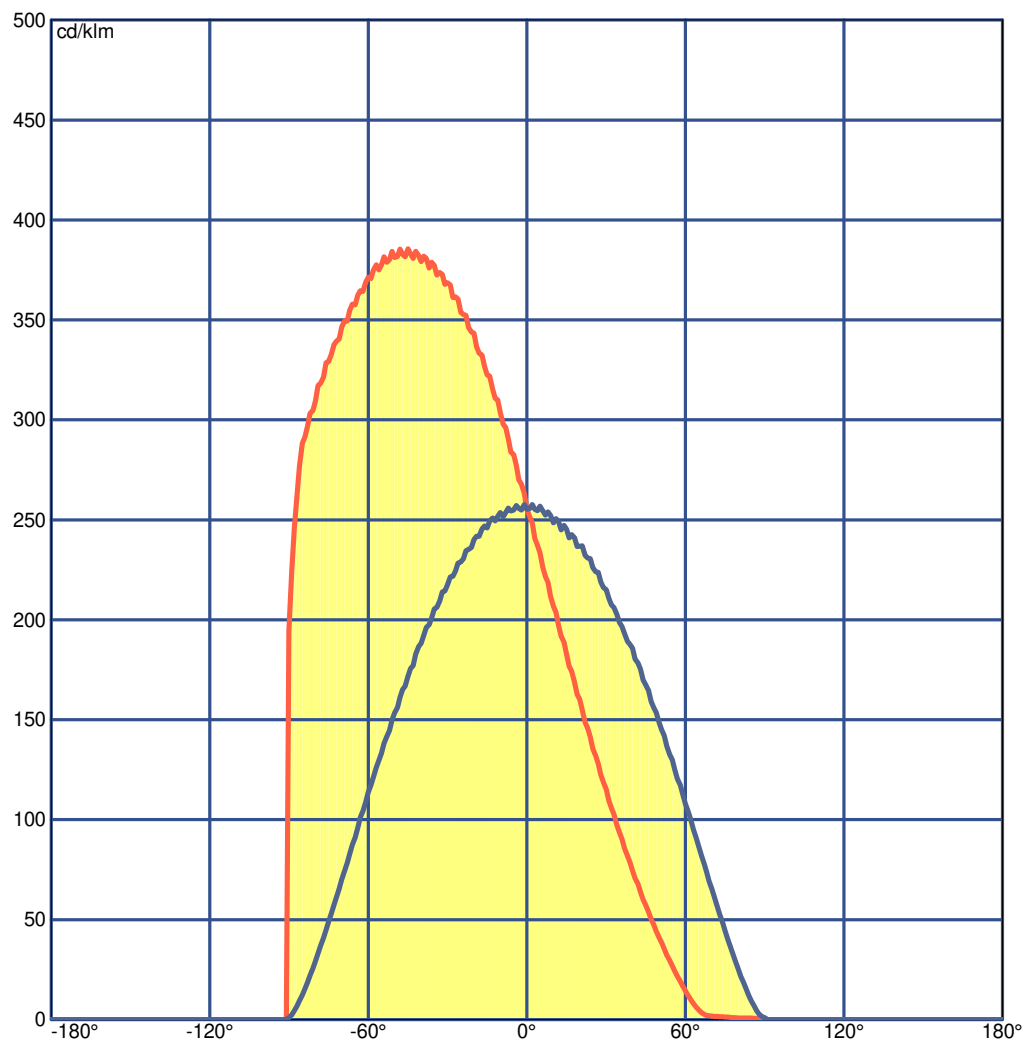
Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG	Asymmetrical

250mm x 25mm



C Halfplanes

180.0 — 0.0
270.0 — 90.0



**Luminaire**

Code PX-0493-NEG
Name MOCCA

Measurem.

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	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	27.6	29.1	27.9	29.3	29.6	21.8	23.3	22.1	23.5	23.8
x=2H y=3H	30.8	32.2	31.2	32.5	32.8	23.4	24.9	23.8	25.1	25.4
x=2H y=4H	32.6	33.9	33.0	34.2	34.5	24.1	25.5	24.5	25.7	26.1
x=2H y=6H	34.5	35.8	34.9	36.1	36.4	24.6	25.9	25.0	26.2	26.5
x=2H y=8H	35.6	36.8	36.0	37.1	37.5	24.8	26.0	25.2	26.3	26.7
x=2H y=12H	36.8	37.9	37.1	38.3	38.6	24.9	26.0	25.2	26.4	26.7
x=4H y=2H	28.4	29.7	28.7	30.0	30.3	23.8	25.1	24.1	25.4	25.7
x=4H y=3H	31.9	33.0	32.3	33.4	33.7	25.8	27.0	26.2	27.3	27.7
x=4H y=4H	33.9	34.9	34.3	35.3	35.7	26.8	27.8	27.2	28.2	28.6
x=4H y=6H	36.0	37.0	36.4	37.3	37.8	27.5	28.5	28.0	28.9	29.3
x=4H y=8H	37.2	38.1	37.6	38.5	38.9	27.8	28.7	28.2	29.1	29.5
x=4H y=12H	38.5	39.3	39.0	39.8	40.2	28.0	28.8	28.4	29.2	29.7
x=8H y=4H	34.4	35.3	34.8	35.7	36.1	28.6	29.5	29.0	29.9	30.3
x=8H y=6H	36.8	37.6	37.3	38.0	38.5	29.8	30.6	30.3	31.0	31.5
x=8H y=8H	38.2	38.9	38.7	39.4	39.9	30.3	31.0	30.8	31.5	32.0
x=8H y=12H	39.8	40.4	40.3	40.9	41.4	30.8	31.4	31.3	31.8	32.3
x=12H y=4H	34.4	35.2	34.9	35.7	36.1	29.1	30.0	29.6	30.4	30.8
x=12H y=6H	37.0	37.7	37.5	38.1	38.6	30.7	31.4	31.2	31.8	32.3
x=12H y=8H	38.5	39.1	39.0	39.6	40.1	31.4	32.0	31.9	32.5	33.0

**Luminaire**

Code PX-0493-NEG
Name MOCCA

Measurerm.

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG Asymmetrical	

Total Flux=230.95 Luminaire Flux=230.95

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	0.23	0.30	0.37	0.43	0.48	0.57	0.63	0.67	0.73	0.77	0.86	0.92
RC	7	7	7	7	7	7	7	7	7	7	7	7

Zonal Flux per 1000 Lumen

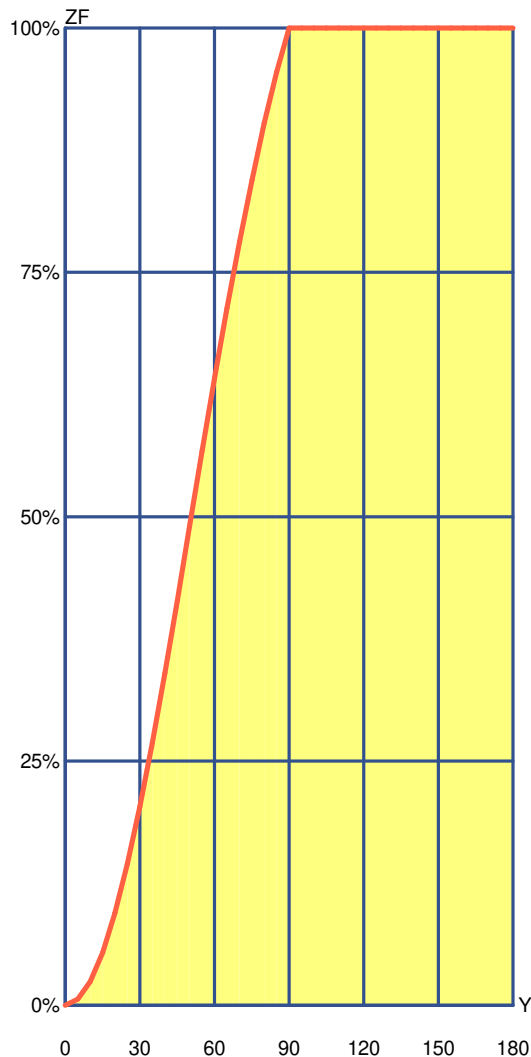
Y°	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
ZF(Y)	24	94	203	340	490	641	781	902	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000

CIE Flux Codes

36 64 85 100 100

C.I.E. 7
D DIN 5040 A20
F UTE 1.00 H
B NBN BZ 6
RN 0.00000 %
BLF 1.0

LOR 100.00000 %
ULOR 0.00000 %
DLOR 100.00000 %
UFF 0.00000 %
DFF 100.00000 %
FFR 0.00000 %



Zonal Flux				
Gamma °	Flux	Sum lm	Flux [%]	Sum [%]
0°	0.00	0.00	0.00%	0.00 %
5°	6.11	6.11	0.61 %	0.61 %
10°	18.14	24.25	1.81 %	2.42 %
15°	29.72	53.97	2.97 %	5.40 %
20°	40.49	94.46	4.05 %	9.45 %
25°	50.20	144.66	5.02 %	14.47 %
30°	58.60	203.26	5.86 %	20.33 %
35°	65.48	268.74	6.55 %	26.87 %
40°	70.78	339.52	7.08 %	33.95 %
45°	74.39	413.91	7.44 %	41.39 %
50°	76.25	490.16	7.63 %	49.02 %
55°	76.40	566.57	7.64 %	56.66 %
60°	74.87	641.44	7.49 %	64.14 %
65°	71.90	713.34	7.19 %	71.33 %
70°	67.68	781.02	6.77 %	78.10 %
75°	63.17	844.19	6.32 %	84.42 %
80°	58.14	902.33	5.81 %	90.23 %
85°	52.55	954.88	5.26 %	95.49 %
90°	45.12	1000.00	4.51 %	100.00 %
95°	0.00	1000.00	0.00 %	100.00 %
100°	0.00	1000.00	0.00 %	100.00 %
105°	0.00	1000.00	0.00 %	100.00 %
110°	0.00	1000.00	0.00 %	100.00 %
115°	0.00	1000.00	0.00 %	100.00 %
120°	0.00	1000.00	0.00 %	100.00 %
125°	0.00	1000.00	0.00 %	100.00 %
130°	0.00	1000.00	0.00 %	100.00 %
135°	0.00	1000.00	0.00 %	100.00 %
140°	0.00	1000.00	0.00 %	100.00 %
145°	0.00	1000.00	0.00 %	100.00 %
150°	0.00	1000.00	0.00 %	100.00 %
155°	0.00	1000.00	0.00 %	100.00 %
160°	0.00	1000.00	0.00 %	100.00 %
165°	0.00	1000.00	0.00 %	100.00 %
170°	0.00	1000.00	0.00 %	100.00 %
175°	0.00	1000.00	0.00 %	100.00 %
180°	0.00	1000.00	0.00 %	100.00 %

**Luminaire**Code PX-0493-NEG
Name MOCCA**Measurem.**Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG Asymmetrical	

Utilizations CIE

Mounting	Direct			Normalization			Normalised			Suspension Ratid/3							Standard CIE Settings						
	Ceiling																						
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	227	204	185	167	194	160	114	97	94	80	49	37	17	11	75	40	35	14	11	33	12	10	0
0.80	265	243	202	186	231	178	144	126	109	96	60	48	23	17	90	50	45	19	16	43	17	15	0
1.00	290	270	208	194	257	186	168	150	118	106	68	56	28	22	99	58	53	24	21	50	21	19	0
1.25	312	294	208	198	280	190	191	174	125	114	75	63	34	28	107	65	60	30	26	57	27	24	0
1.50	327	311	206	197	296	190	210	193	129	119	80	69	40	33	112	70	66	35	31	63	32	29	0
2.00	346	333	197	191	317	185	239	223	131	124	86	78	49	42	117	78	74	44	40	71	41	37	0
2.50	358	346	189	184	331	179	259	245	131	125	91	83	56	49	119	83	80	51	47	76	47	44	0
3.00	365	356	182	178	340	173	274	261	131	126	94	87	61	55	120	87	84	57	53	80	53	50	0
4.00	375	368	172	169	352	165	296	285	129	126	98	92	69	64	120	91	89	65	62	86	61	58	0
5.00	381	375	164	162	359	158	310	301	128	125	100	96	75	70	120	95	92	71	68	90	67	64	0
10.00	391	388	144	143	372	140	342	337	122	121	105	102	88	85	117	101	100	85	83	97	82	79	0
20.00	395	393	130	129	378	127	360	357	117	116	107	106	97	95	113	104	103	94	93	100	91	89	0

Wall

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	501	489	448	439	482	434	380	372	350	344	294	289	253	251	341	290	288	252	251	287	251	250	230
0.80	576	563	504	495	553	488	450	441	407	401	350	344	306	303	396	344	342	304	303	340	303	302	279
1.00	631	618	542	534	606	526	505	495	450	443	393	387	349	345	437	386	384	346	344	381	344	343	317
1.25	684	672	577	570	657	562	561	549	491	485	436	430	392	388	477	428	426	389	387	423	386	384	355
1.50	726	714	605	598	697	589	605	594	524	518	471	465	428	424	509	463	460	424	422	456	421	419	387
2.00	782	772	638	633	752	624	669	658	567	562	519	514	479	475	552	510	508	475	472	503	471	467	432
2.50	823	814	662	659	791	649	717	707	599	595	556	551	519	514	584	546	544	513	511	538	508	504	466
3.00	853	845	681	678	822	669	754	744	624	620	584	579	550	545	609	574	572	543	541	565	538	533	493
4.00	905	898	716	714	873	705	815	806	667	664	633	629	602	598	652	622	620	595	593	613	588	583	539
5.00	945	939	745	743	912	735	861	854	702	699	672	668	644	640	687	660	659	636	634	650	629	622	577
10.00	1000	1000	837	836	1000	828	996	991	807	806	788	785	769	766	793	776	775	759	757	765	750	741	692
20.00	1000	1000	924	923	1000	916	1000	1000	904	903	891	890	879	878	890	879	879	869	868	868	858	848	796

Working Pl.

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	540	526	504	493	518	487	394	386	379	373	306	302	254	252	369	302	300	252	251	299	251	251	232
0.80	641	626	590	580	613	571	486	475	463	456	387	380	329	326	449	380	377	327	325	375	325	324	303
1.00	721	706	657	647	689	636	563	551	532	524	455	448	395	391	515	446	444	392	390	440	389	387	367
1.25	799	783	720	710	762	698	640	627	600	592	524	516	463	459	580	513	510	459	456	505	455	453	432
1.50	858	843	766	758	819	744	702	688	652	644	579	570	519	513	630	566	563	513	510	556	508	505	484
2.00	945	931	833	826	902	811	797	783	731	723	664	656	607	601	707	649	646	600	596	637	593	588	568
2.50	1000	991	876	870	959	855	864	850	784	777	723	715	670	664	759	707	704	661	657	693	653	646	627
3.00	1000	1000	906	901	1000	886	913	900	822	816	766	759	717	711	797	749	746	707	703	735	697	689	671
4.00	1000	1000	944	941	1000	925	979	968	872	867	824	818	781	775	846	806	803	768	765	789	757	747	730
5.00	1000	1000	968	965	1000	950	1000	1000	904	900	862	857	824	818	878	843	840	809	806	825	797	785	769
10.00	1000	1000	1000	1000	1000	1000	1000	1000	977	975	950	947	925	921	951	929	928	907	905	909	891	876	862
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	989	987	996	982	982	969	968	962	951	933	920

LM53 SHR C0-C180: 0.758 SHR C90-C270: 1.238 SHR Square: 0.985

**Luminaire**

Code PX-0493-NEG
Name MOCCA

Measurem.

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG	Asymmetrical

Left beam angle not found, gamma = -45

Left beam angle not found, gamma = -45

Left beam angle not found, gamma = -45

**Luminaire**

Code PX-0493-NEG

Name MOCCA

Measurement

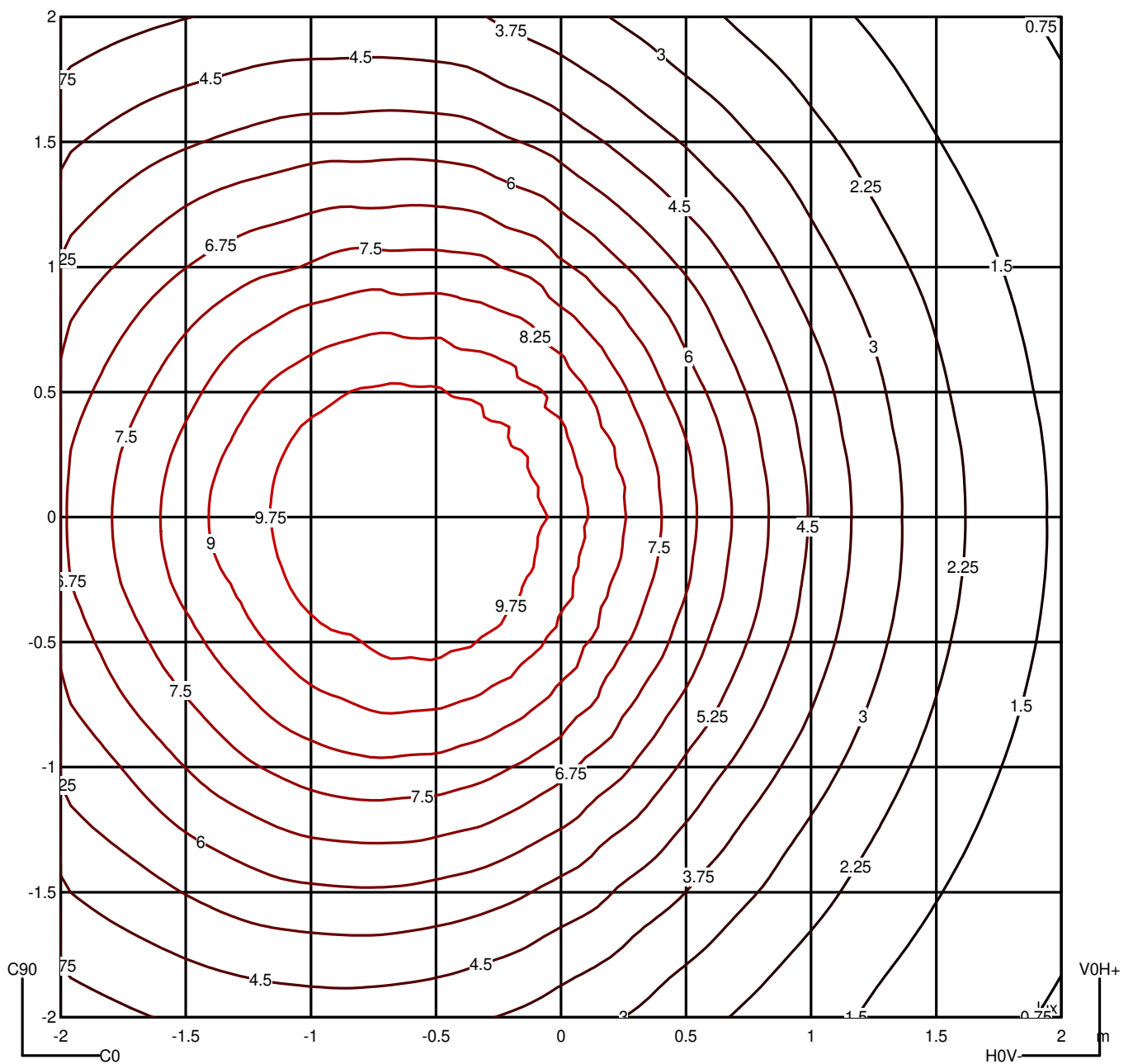
Code PX-0493-NEG

Name MOCCA

Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG	Asymmetrical

Isolux (Floor)

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



**Luminaire**

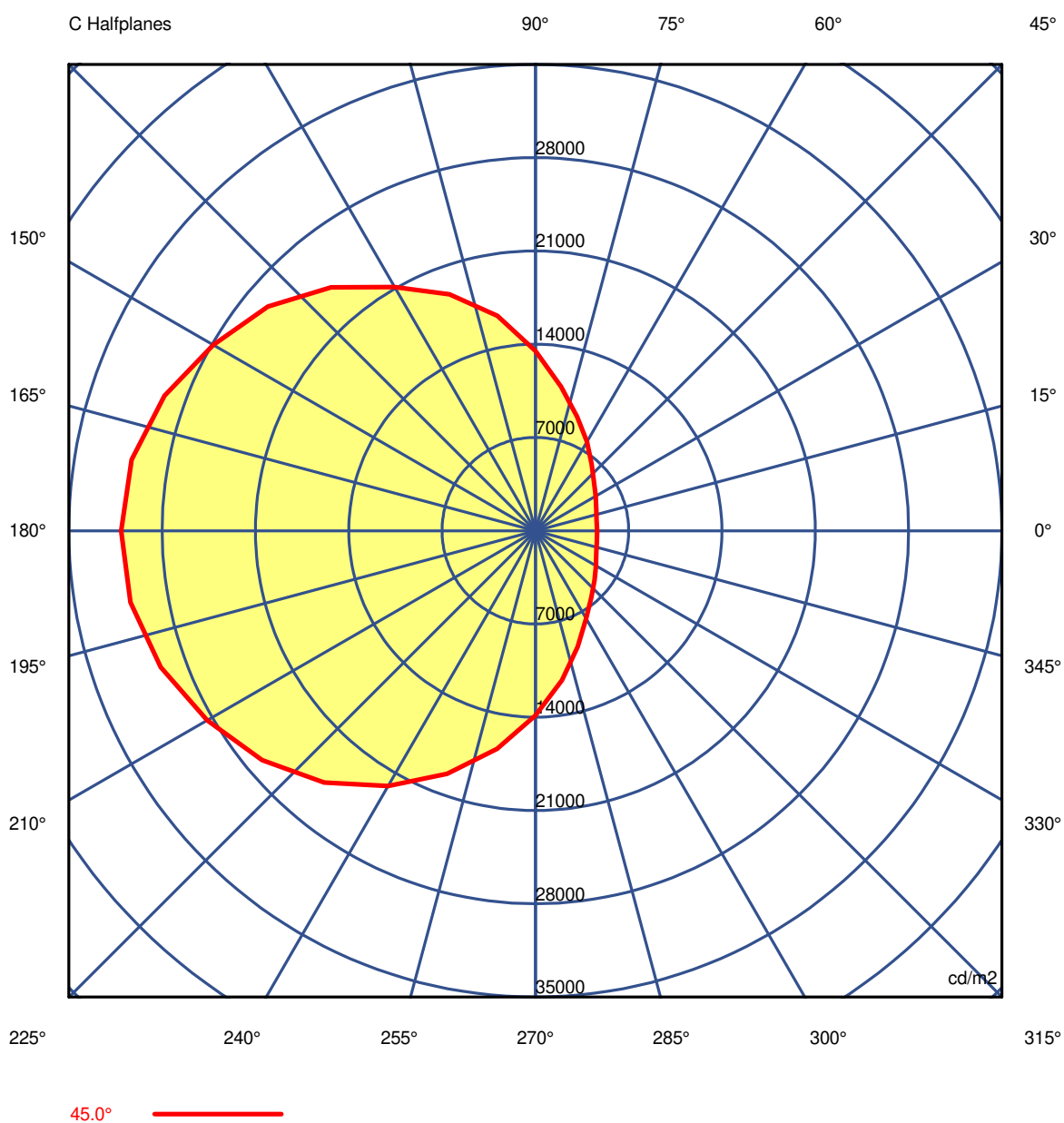
Code PX-0493-NEG
Name MOCCA

Measurem.

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG	Asymmetrical

Luminance



**Luminaire**

Code PX-0493-NEG
Name MOCCA

Measur.

Code PX-0493-NEG
Name MOCCA

Luminaire Flux		230.95 lm		Luminaire Power		4.90 W		Efficacy		47.13 lm/W		Efficiency		100.00%	
Sources Flux		230.95 lm		Maximum value		385.49 cd/klm		Position		C=180.00 G=45.00		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	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41
G 5.0	13359.99	13381.57	13426.82	13476.93	13515.73	13693.61	13929.53	14009.36	14260.74	14697.01	14962.66	15042.19	15110.43	15110.43	15110.43
G 10.0	11965.12	12026.31	12113.40	12249.00	12441.89	12663.81	12996.56	13543.44	14030.06	14391.91	14831.76	15393.94	15962.97	15962.97	15962.97
G 15.0	10785.00	10828.51	10974.54	11258.63	11424.37	11796.02	12421.05	13025.23	13699.88	14482.67	15264.37	15949.89	16528.41	16528.41	16528.41
G 20.0	9719.90	9744.62	9844.80	10071.09	10453.56	11033.51	11751.26	12493.40	13344.64	14371.02	15489.81	16325.54	16999.60	16999.60	16999.60
G 25.0	8522.41	8565.80	8718.53	9094.98	9518.10	10166.86	11027.39	11905.94	12972.30	14227.67	15462.81	16674.83	17880.27	17880.27	17880.27
G 30.0	7575.96	7596.10	7732.54	8107.25	8542.73	9276.97	10263.50	11230.42	12504.37	14162.51	15864.22	17231.32	18349.81	18349.81	18349.81
G 35.0	6523.28	6586.10	6741.92	7112.13	7590.44	8344.76	9399.35	10622.48	12076.42	13826.17	15810.45	17672.19	19367.91	19367.91	19367.91
G 40.0	5535.67	5582.29	5761.81	6208.57	6699.86	7459.23	8543.67	9836.53	11585.14	13820.97	16231.27	18387.77	20328.88	20328.88	20328.88
G 45.0	4621.19	4651.55	4845.57	5222.78	5726.62	6555.59	7727.75	9116.92	10993.11	13498.53	16396.47	18899.06	21138.21	21138.21	21138.21
G 50.0	3631.70	3676.78	3892.10	4287.24	4786.81	5601.21	6786.52	8270.53	10364.78	13182.85	16469.83	19701.08	22714.33	22714.33	22714.33
G 55.0	2676.93	2742.70	2926.80	3353.93	3843.85	4640.64	5806.60	7275.11	9561.01	12916.02	16981.25	20657.86	23945.94	23945.94	23945.94
G 60.0	1631.43	1670.60	1894.78	2310.00	2818.89	3610.06	4750.94	6248.66	8635.75	12308.01	17100.22	21742.43	26025.11	26025.11	26025.11
G 65.0	665.76	702.82	836.56	1205.74	1716.33	2518.70	3625.09	5046.95	7544.23	11730.66	17563.44	23744.45	29317.79	29317.79	29317.79
G 70.0	280.51	276.50	267.48	321.68	598.60	1319.60	2419.55	3771.71	6210.01	10861.10	18182.71	25845.78	32774.97	32774.97	32774.97
G 75.0	279.29	257.12	247.89	236.95	185.74	408.41	1094.64	2341.82	4707.57	9768.50	18951.79	29554.11	39522.77	39522.77	39522.77
G 80.0	270.89	275.75	276.65	286.90	285.76	233.46	305.77	1036.31	2681.03	8313.25	21580.13	37073.43	51447.40	51447.40	51447.40
G 85.0	449.87	459.56	472.86	502.70	521.52	531.63	533.04	555.11	2383.97	6019.63	29218.33	59451.01	88794.00	88794.00	88794.00
G 90.0	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	0.00	0.00

**Luminaire**

Code PX-0493-NEG
Name MOCCA

Measur.

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm		Luminaire Power		4.90 W		Efficacy		47.13 lm/W		Efficiency		100.00%
Sources Flux	230.95 lm		Maximum value		385.49 cd/klm		Position		C=180.00 G=45.00		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	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41
G 5.0	15354.49	15616.61	15820.68	16022.93	16138.62	16173.90	16202.41	16066.08	15786.68	15578.56	15465.92	15324.12	15019.13
G 10.0	16372.01	16711.48	17030.88	17288.14	17497.11	17590.06	17479.12	17368.19	17211.83	16779.59	16375.97	16020.29	15457.55
G 15.0	17080.94	17729.66	18376.71	18772.37	18973.98	19035.28	18932.36	18664.49	18285.95	17872.87	17396.52	16824.84	16150.54
G 20.0	17988.39	18928.26	19621.76	20210.09	20657.29	20834.77	20634.28	20202.78	19685.08	19126.63	18443.86	17587.99	16595.29
G 25.0	19051.99	20128.41	21041.85	21732.26	22159.79	22252.57	21971.02	21543.94	21060.42	20403.77	19469.22	18303.17	17061.49
G 30.0	19668.07	21197.93	22615.10	23513.75	24039.72	24268.63	24080.25	23424.71	22531.86	21720.15	20641.34	19192.04	17626.52
G 35.0	21137.39	22808.60	24178.72	25174.85	25922.98	26260.40	25876.97	25203.43	24401.95	23244.39	21769.55	20042.17	18117.76
G 40.0	22426.97	24428.58	26078.07	27284.95	27985.02	28226.85	28042.84	27010.85	25553.07	24578.04	23152.90	21004.74	18801.10
G 45.0	23872.52	26197.05	27908.40	29625.49	30768.43	31087.94	30862.31	29927.76	28429.18	26766.78	24674.77	22118.96	19406.30
G 50.0	25662.76	28267.82	30426.30	32235.26	33445.39	33814.42	33330.57	32487.61	31234.87	29068.24	26338.51	23384.38	20276.25
G 55.0	27686.45	31009.70	33586.29	35821.49	37163.24	37542.21	37381.24	36176.20	33995.19	31502.57	28517.07	25034.35	21338.27
G 60.0	30624.29	34479.54	37340.38	39916.39	41736.66	42342.72	41737.32	40450.63	38419.48	35133.98	31165.15	26933.71	22430.62
G 65.0	34128.18	38588.40	42674.52	45827.52	47653.73	48244.61	47930.08	46272.82	43306.15	39568.87	34972.95	29714.75	24238.10
G 70.0	39526.83	45418.08	50257.20	54382.11	56990.08	57759.20	57074.50	55037.71	51424.92	46099.86	40207.97	33982.23	26710.21
G 75.0	48546.64	56501.45	63140.09	68129.70	71383.58	72539.54	71269.29	68656.05	64353.34	57065.59	48759.71	40265.83	30689.93
G 80.0	65327.14	77813.87	88144.54	95968.66	100383.53	101613.13	100602.20	96167.96	88242.95	78165.11	66262.96	52903.47	38561.24
G 85.0	116678.94	140953.61	160498.90	175472.33	185094.69	188662.31	186089.13	178360.46	164605.51	143226.65	118066.08	91290.48	62292.72
G 90.0	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



Luminaire

Code PX-0493-NEG
Name MOCCA

Measurement

Code PX-0493-NEG
Name MOCCA

Luminaire Flux	230.95 lm	Luminaire Power	4.90 W	Efficacy	47.13 lm/W	Efficiency	100.00%
Sources Flux	230.95 lm	Maximum value	385.49 cd/klm	Position	C=180.00 G=45.00	CG Asymmetrical	

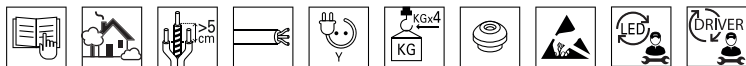
Luminance cd/m2 Table 3/3

	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	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41	14563.41
G 5.0	14762.63	14591.27	14331.31	14018.52	13761.41	13635.43	13519.51	13372.28	13274.51	13276.83
G 10.0	15005.56	14680.39	14160.99	13572.21	13062.66	12679.11	12429.29	12266.08	12120.63	12019.51
G 15.0	15372.81	14518.29	13665.14	12984.31	12464.59	11946.13	11491.32	11144.57	10891.24	10804.93
G 20.0	15573.78	14577.86	13586.12	12564.28	11631.06	10983.21	10511.70	10126.43	9844.54	9746.49
G 25.0	15756.15	14403.39	13081.49	11942.85	10999.12	10157.90	9537.34	9123.77	8775.31	8575.43
G 30.0	15976.75	14315.69	12780.11	11363.03	10148.18	9279.00	8630.75	8116.86	7761.05	7628.20
G 35.0	16189.89	14304.40	12401.01	10718.00	9389.04	8373.22	7653.97	7165.32	6812.32	6610.15
G 40.0	16461.34	14011.49	11767.72	9972.65	8625.66	7549.28	6741.67	6184.05	5809.97	5612.43
G 45.0	16603.24	13851.14	11386.27	9270.74	7612.90	6525.90	5783.75	5227.38	4854.03	4672.09
G 50.0	16956.14	13608.00	10653.78	8371.22	6758.69	5603.63	4809.44	4278.71	3909.56	3708.70
G 55.0	17300.54	13234.16	9871.02	7415.95	5762.65	4649.95	3891.81	3351.33	2951.92	2739.29
G 60.0	17657.11	12977.29	9059.25	6342.70	4707.93	3618.64	2865.73	2326.74	1916.37	1694.69
G 65.0	18231.06	12292.74	7838.43	5109.71	3604.55	2536.66	1733.77	1167.17	805.13	691.88
G 70.0	18861.71	11696.15	6635.99	3806.99	2389.57	1261.34	536.16	282.54	237.14	255.91
G 75.0	20196.47	10771.09	5064.92	2265.22	992.42	359.43	225.55	245.71	255.29	266.49
G 80.0	23060.42	9595.95	3033.67	847.46	258.10	278.81	289.67	290.70	272.11	267.28
G 85.0	31901.18	8068.35	648.24	478.19	480.07	511.30	524.50	493.51	460.41	450.13
G 90.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



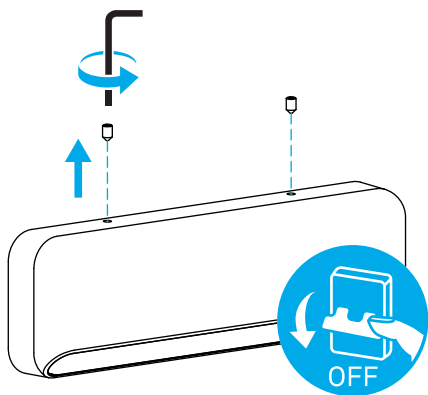
Mocca
PX-0493

FOR
LIGHT

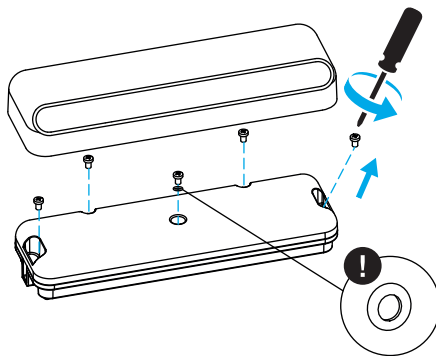


226 mm

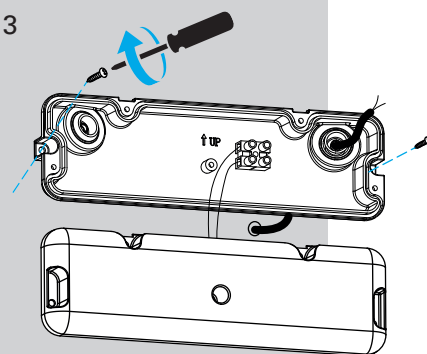
1



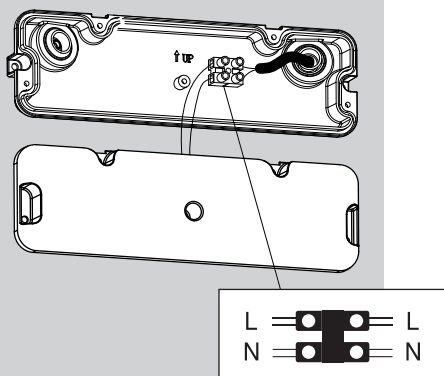
2



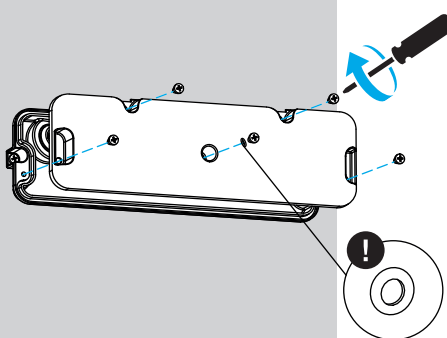
3



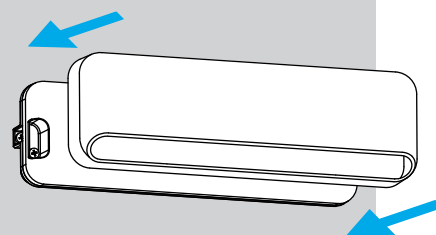
4



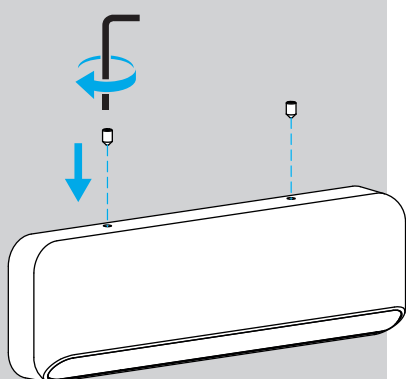
5



6



7



8

