Luminaire
Code 2950130400
Name MAXI-P/04 OUTDOOR
Measurem.
Code CL092A17F004G
Name MAXI-P/04 OUTDOOR

Luminaire Flux	2344.15 lm	Luminaire Power	42.25 W	Efficacy	55.48 lm/W	Efficiency	100.00%
Lamps Flux	2344.15 lm	Maximum value	104.10 cd/klm	Position	C=0.00 G=90.00	CG	Asymmetrical

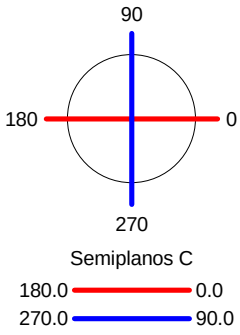
Rectangular Luminaire	Length	0 mm	Width	0 mm	Height	0 mm
Rectangular Luminous Area	Length	0 mm	Width	0 mm	Height	0 mm
Horizontal Luminous Area	0.000000 m2		Emitting area on Plane 180°		0.000000 m2
Emitting area on Plane 0°	0.000000 m2		Emitting area on Plane 270°		0.000000 m2
Emitting area on Plane 90°	0.000000 m2		Glare area at 76°		0.000000 m2
Coordinate system	CG		Symmetry Type		Asymmetrical
Date	19-05-2017		Maximum Gamma Angle		180
Measurement Distance	6.44		Measurement Flux		2344.15 lm
Operator	Asselum T2		Source Voltage [V]		228.90 V
Temperature	25.00 °C		Source current [A]		0.21 A
Humidity	50.00 %		Photocell		Prc
Notes	CG				

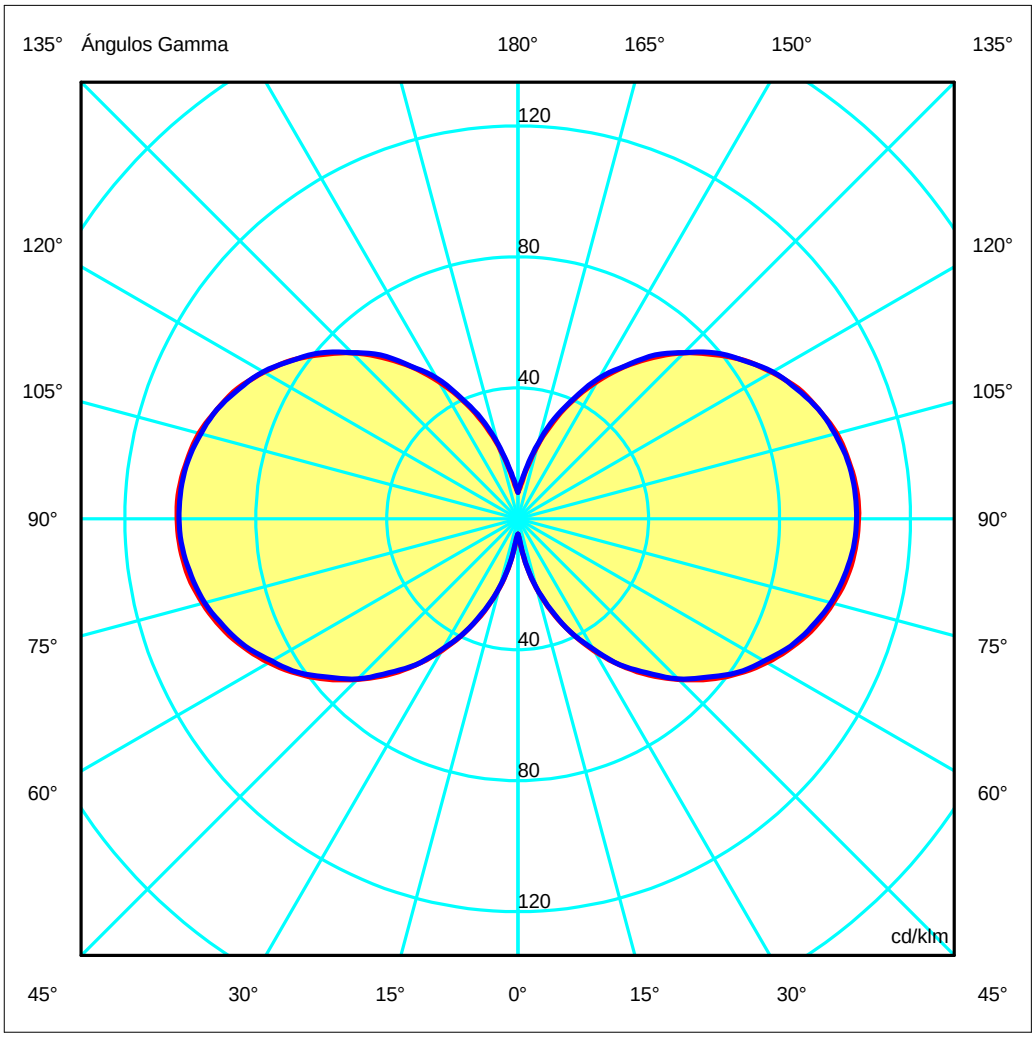
Luminaire Lamps

Line	Code	Name	Flux [lm]	Pow. [W]	Q.ty
	2950130400	MAXI-P/04 OUTDOOR	2344.15	42.25	1

C.I.E.	13 38 68 49 100	D DIN 5040	C12
F UTE	--	B NBN	BZ 10







ULOR 50.70 %
DLOR 49.30 %
RN 50.70 %

bover
barcelona lights

Luminaire
Code 2950130400
Name MAXI-P/04 OUTDOOR
Measurem.
Code CL092A17F004G
Name MAXI-P/04 OUTDOOR

Luminaire Flux	2344.15 lm	Luminaire Power	42.25 W	Efficacy	55.48 lm/W	Efficiency	100.00%
Lamps Flux	2344.15 lm	Maximum value	104.10 cd/klm	Position	C=0.00 G=90.00	CG	Asymmetrical

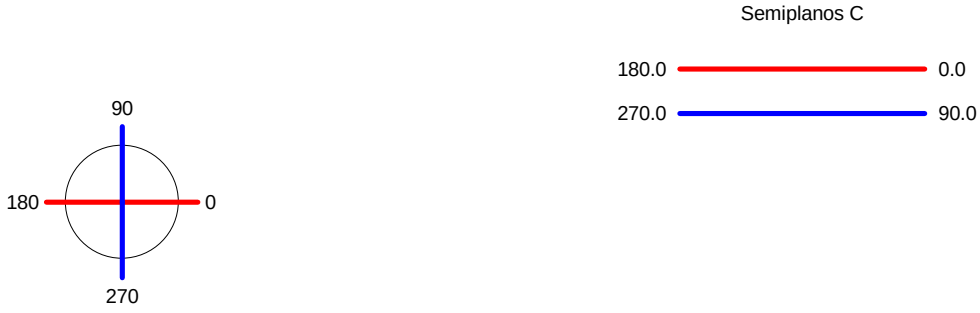
Luminous Intensity Table cd/klm **Table 1/1**

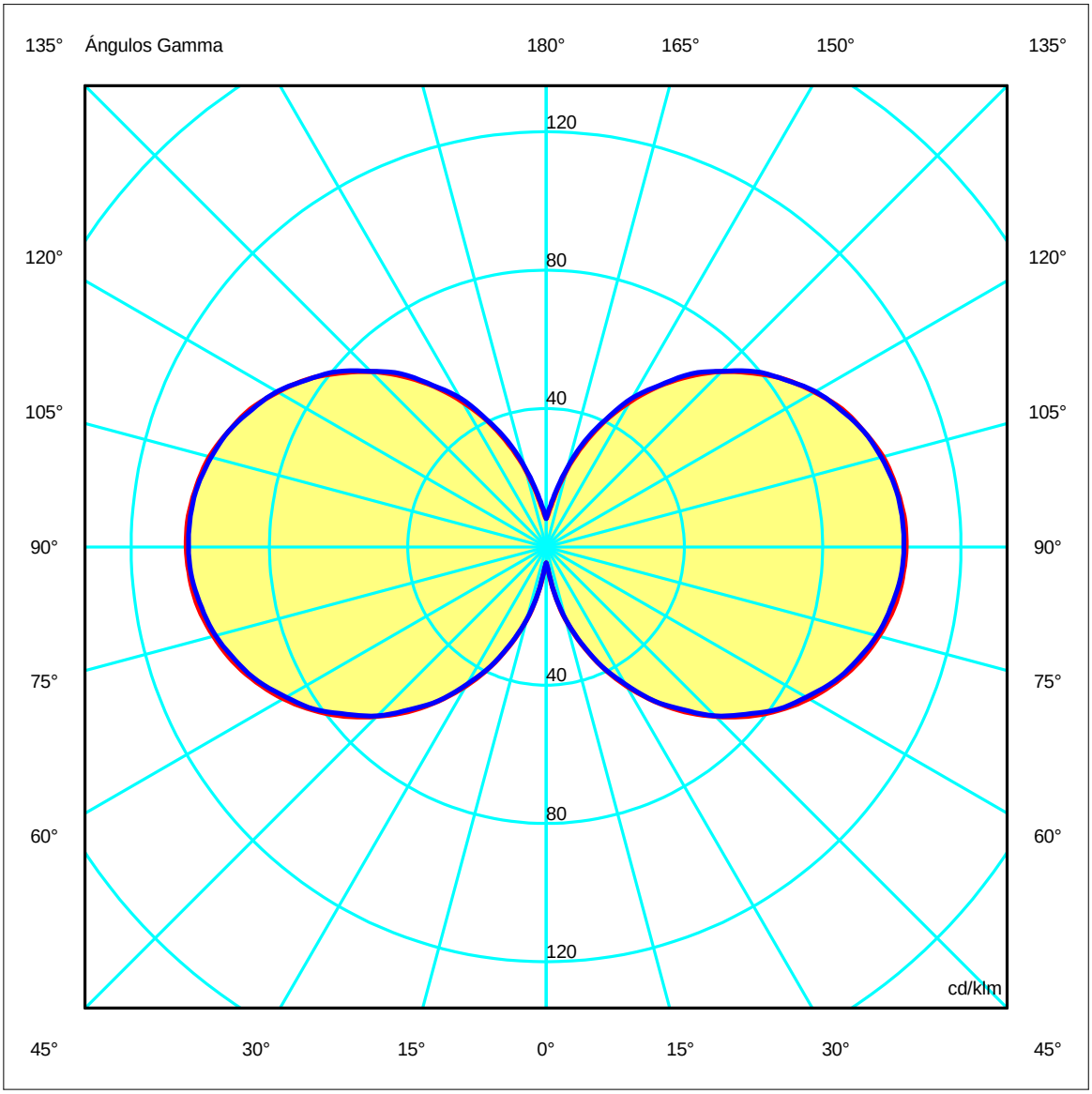
	C 0.00	C 15.00	C 30.00	C 45.00	C 60.00	C 75.00	C 90.00	C 105.00	C 120.00	C 135.00	C 150.00	C 165.00
G 0.0	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62
G 5.0	7.01	6.68	6.45	6.57	6.59	6.81	6.71	6.81	6.59	6.57	6.45	6.68
G 10.0	13.78	13.05	13.05	12.81	13.29	13.08	13.44	13.08	13.29	12.81	13.05	13.05
G 15.0	21.86	21.07	20.89	20.95	21.08	21.09	21.66	21.09	21.08	20.95	20.89	21.07
G 20.0	29.99	29.32	29.13	29.09	29.23	29.23	29.47	29.23	29.23	29.09	29.13	29.32
G 25.0	38.27	37.63	37.35	37.75	37.54	37.56	38.08	37.56	37.54	37.75	37.35	37.63
G 30.0	46.45	45.85	45.64	45.66	45.60	45.99	45.81	45.99	45.60	45.66	45.64	45.85
G 35.0	54.52	53.86	53.58	53.98	53.65	53.74	54.36	53.74	53.65	53.98	53.58	53.86
G 40.0	62.22	61.57	61.26	61.63	61.30	61.64	61.36	61.64	61.30	61.63	61.26	61.57
G 45.0	69.33	68.80	68.48	68.88	68.51	68.61	69.11	68.61	68.51	68.88	68.48	68.80
G 50.0	76.20	75.69	75.24	75.61	75.18	75.80	75.23	75.80	75.18	75.61	75.24	75.69
G 55.0	82.33	81.79	81.39	81.73	81.38	81.55	81.82	81.55	81.38	81.73	81.39	81.79
G 60.0	87.80	87.36	86.88	87.23	86.83	87.39	86.82	87.39	86.83	87.23	86.88	87.36
G 65.0	92.52	92.00	91.68	91.98	91.61	91.84	91.91	91.84	91.61	91.98	91.68	92.00
G 70.0	96.55	96.22	95.68	95.99	95.59	96.12	95.67	96.12	95.59	95.99	95.68	96.22
G 75.0	99.65	99.40	98.91	99.16	98.90	99.05	99.02	99.05	98.90	99.16	98.91	99.40
G 80.0	102.13	101.77	101.30	101.55	101.21	101.60	101.19	101.60	101.21	101.55	101.30	101.77
G 85.0	103.46	103.31	102.82	103.09	102.83	103.03	102.87	103.03	102.83	103.09	102.82	103.31
G 90.0	104.10	103.98	103.50	103.77	103.48	103.76	103.47	103.76	103.48	103.77	103.50	103.98
G 95.0	103.88	103.78	103.32	103.60	103.27	103.59	103.27	103.59	103.27	103.60	103.32	103.78
G100.0	102.63	102.76	102.28	102.55	102.24	102.47	102.32	102.47	102.24	102.55	102.28	102.76
G105.0	100.83	100.85	100.38	100.63	100.31	100.73	100.30	100.73	100.31	100.63	100.38	100.85
G110.0	97.78	98.12	97.64	97.92	97.60	97.79	97.76	97.79	97.60	97.92	97.64	98.12
G115.0	94.38	94.55	93.98	94.33	93.91	94.53	93.94	94.53	93.91	94.33	93.98	94.55
G120.0	89.56	89.99	89.56	89.91	89.50	89.75	89.86	89.75	89.50	89.91	89.56	89.99
G125.0	84.43	84.97	84.38	84.84	84.34	84.93	84.33	84.93	84.34	84.84	84.38	84.97
G130.0	78.14	78.85	78.46	78.90	78.40	78.66	78.91	78.66	78.40	78.90	78.46	78.85
G135.0	71.70	72.50	71.91	72.35	71.85	72.59	71.86	72.59	71.85	72.35	71.91	72.50
G140.0	64.37	65.01	64.81	65.14	64.68	64.88	65.36	64.88	64.68	65.14	64.81	65.01
G145.0	56.68	57.56	57.02	57.49	57.02	57.37	57.01	57.37	57.02	57.49	57.02	57.56
G150.0	48.42	49.07	48.90	49.34	48.89	49.04	49.70	49.04	48.89	49.34	48.90	49.07
G155.0	40.09	40.96	40.42	40.89	40.49	40.64	40.61	40.64	40.49	40.89	40.42	40.96
G160.0	31.43	32.10	31.99	32.30	32.00	32.16	32.51	32.16	32.00	32.30	31.99	32.10
G165.0	23.09	23.82	23.66	23.57	23.75	23.62	23.82	23.62	23.75	23.57	23.66	23.82
G170.0	15.52	15.60	16.14	15.67	16.16	15.73	16.44	15.73	16.16	15.67	16.14	15.60
G175.0	10.40	10.05	11.15	9.83	11.26	9.92	11.30	9.92	11.26	9.83	11.15	10.05
G180.0	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19

	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	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62	4.62
G 5.0	7.01	6.68	6.45	6.57	6.59	6.81	6.71	6.81	6.59	6.57	6.45	6.68
G 10.0	13.78	13.05	13.05	12.81	13.29	13.08	13.44	13.08	13.29	12.81	13.05	13.05
G 15.0	21.86	21.07	20.89	20.95	21.08	21.09	21.66	21.09	21.08	20.95	20.89	21.07
G 20.0	29.99	29.32	29.13	29.09	29.23	29.23	29.47	29.23	29.23	29.09	29.13	29.32
G 25.0	38.27	37.63	37.35	37.75	37.54	37.56	38.08	37.56	37.54	37.75	37.35	37.63
G 30.0	46.45	45.85	45.64	45.66	45.60	45.99	45.81	45.99	45.60	45.66	45.64	45.85
G 35.0	54.52	53.86	53.58	53.98	53.65	53.74	54.36	53.74	53.65	53.98	53.58	53.86
G 40.0	62.22	61.57	61.26	61.63	61.30	61.64	61.36	61.64	61.30	61.63	61.26	61.57
G 45.0	69.33	68.80	68.48	68.88	68.51	68.61	69.11	68.61	68.51	68.88	68.48	68.80
G 50.0	76.20	75.69	75.24	75.61	75.18	75.80	75.23	75.80	75.18	75.61	75.24	75.69
G 55.0	82.33	81.79	81.39	81.73	81.38	81.55	81.82	81.55	81.38	81.73	81.39	81.79
G 60.0	87.80	87.36	86.88	87.23	86.83	87.39	86.82	87.39	86.83	87.23	86.88	87.36
G 65.0	92.52	92.00	91.68	91.98	91.61	91.84	91.91	91.84	91.61	91.98	91.68	92.00
G 70.0	96.55	96.22	95.68	95.99	95.59	96.12	95.67	96.12	95.59	95.99	95.68	96.22
G 75.0	99.65	99.40	98.91	99.16	98.90	99.05	99.02	99.05	98.90	99.16	98.91	99.40
G 80.0	102.13	101.77	101.30	101.55	101.21	101.60	101.19	101.60	101.21	101.55	101.30	101.77
G 85.0	103.46	103.31	102.82	103.09	102.83	103.03	102.87	103.03	102.83	103.09	102.82	103.31
G 90.0	104.10	103.98	103.50	103.77	103.48	103.76	103.47	103.76	103.48	103.77	103.50	103.98
G 95.0	103.88	103.78	103.32	103.60	103.27	103.59	103.27	103.59	103.27	103.60	103.32	103.78
G100.0	102.63	102.76	102.28	102.55	102.24	102.47	102.32	102.47	102.24	102.55	102.28	102.76
G105.0	100.83	100.85	100.38	100.63	100.31	100.73	100.30	100.73	100.31	100.63	100.38	100.85
G110.0	97.78	98.12	97.64	97.92	97.60	97.79	97.76	97.79	97.60	97.92	97.64	98.12
G115.0	94.38	94.55	93.98	94.33	93.91	94.53	93.94	94.53	93.91	94.33	93.98	94.55
G120.0	89.56	89.99	89.56	89.91	89.50	89.75	89.86	89.75	89.50	89.91	89.56	89.99
G125.0	84.43	84.97	84.38	84.84	84.34	84.93	84.33	84.93	84.34	84.84	84.38	84.97
G130.0	78.14	78.85	78.46	78.90	78.40	78.66	78.91	78.66	78.40	78.90	78.46	78.85
G135.0	71.70	72.50	71.91	72.35	71.85	72.59	71.86	72.59	71.85	72.35	71.91	72.50
G140.0	64.37	65.01	64.81	65.14	64.68	64.88	65.36	64.88	64.68	65.14	64.81	65.01
G145.0	56.68	57.56	57.02	57.49	57.02	57.37	57.01	57.37	57.02	57.49	57.02	57.56
G150.0	48.42	49.07	48.90	49.34	48.89	49.04	49.70	49.04	48.89	49.34	48.90	49.07
G155.0	40.09	40.96	40.42	40.89	40.49	40.64	40.61	40.64	40.49	40.89	40.42	40.96
G160.0	31.43	32.10	31.99	32.30	32.00	32.16	32.51	32.16	32.00	32.30	31.99	32.10
G165.0	23.09	23.82	23.66	23.57	23.75	23.62	23.82	23.62	23.75	23.57	23.66	23.82
G170.0	15.52	15.60	16.14	15.67	16.16	15.73	16.44	15.73	16.16	15.67	16.14	15.60
G175.0	10.40	10.05	11.15	9.83	11.26	9.92	11.30	9.92	11.26	9.83	11.15	10.05
G180.0	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19	8.19

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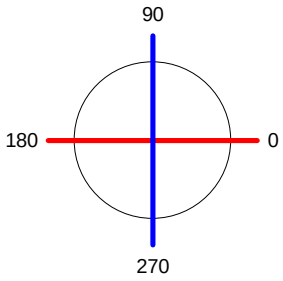
Luminaire Flux	2344.15 lm	Luminaire Power	42.25 W	Efficacy	55.48 lm/W	Efficiency	100.00%
Lamps Flux	2344.15 lm	Maximum value	104.10 cd/klm	Position	C=0.00 G=90.00	CG	Asymmetrical

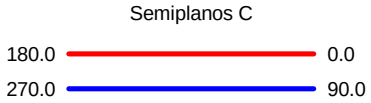


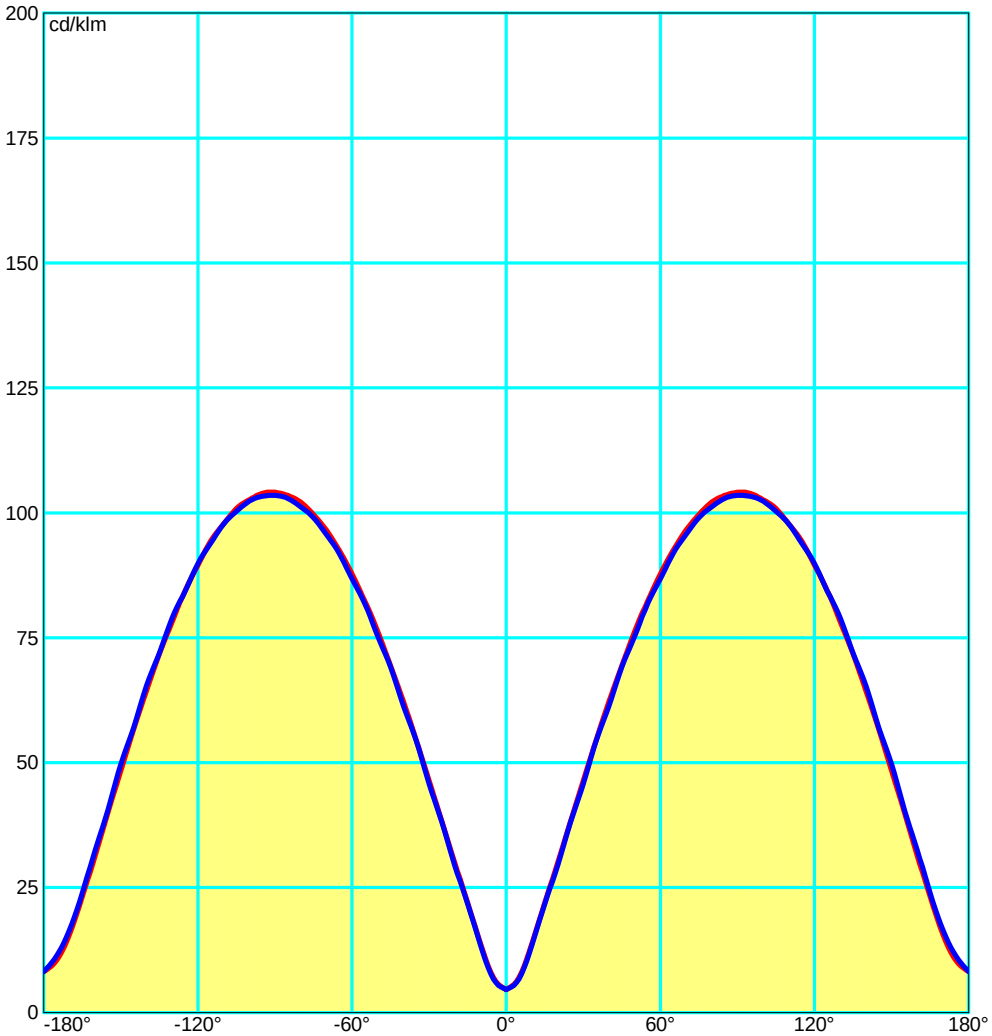


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Flujo Total=2344.15 Flujo Luminaria=2344.15

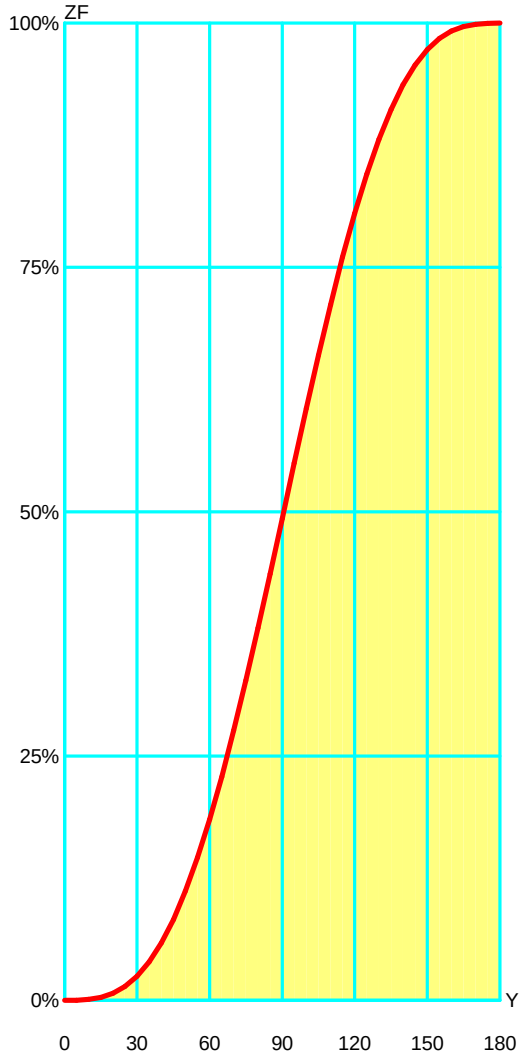
RI	0.60	0.80	1.00	1.25	1.50	2.00	2.50	3.00	4.00	5.00	10.00	20.00
DRR	0.08	0.13	0.17	0.23	0.28	0.36	0.43	0.48	0.55	0.61	0.75	0.85
RC	-	-	-	-	-	-	-	-	-	-	-	-

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)	1	7	25	59	112	185	276	381	493	606	712	805	881	937	973	992	999	1000

Códigos de Flujo C.I.E.
13 38 68 49 100

C.I.E.	-/-/-/-/-/-/-/-/-/-/-	LOR	100.00000 %
D DIN 5040	C12	ULOR	50.70089 %
F UTE	--	DLOR	49.29911 %
B NBN	BZ 10	UFF	50.70089 %
RN	50.70089 %	DFF	49.29911 %
BLF	1.0	FFR	102.84341 %



Flujo Zonal				
Gamma °	Flujo	Suma lm	Flujo [%]	Suma [%]
0°	0.00	0.00	0.00%	0.00 %
5°	0.13	0.13	0.01 %	0.01 %
10°	0.71	0.84	0.07 %	0.08 %
15°	2.03	2.88	0.20 %	0.29 %
20°	4.16	7.03	0.42 %	0.70 %
25°	7.02	14.06	0.70 %	1.41 %
30°	10.56	24.62	1.06 %	2.46 %
35°	14.68	39.30	1.47 %	3.93 %
40°	19.25	58.55	1.93 %	5.86 %
45°	24.12	82.68	2.41 %	8.27 %
50°	29.16	111.83	2.92 %	11.18 %
55°	34.18	146.01	3.42 %	14.60 %
60°	39.02	185.03	3.90 %	18.50 %
65°	43.53	228.56	4.35 %	22.86 %
70°	47.56	276.12	4.76 %	27.61 %
75°	50.99	327.11	5.10 %	32.71 %
80°	53.69	380.80	5.37 %	38.08 %
85°	55.58	436.38	5.56 %	43.64 %
90°	56.61	492.99	5.66 %	49.30 %
95°	56.74	549.73	5.67 %	54.97 %
100°	55.97	605.70	5.60 %	60.57 %
105°	54.33	660.03	5.43 %	66.00 %
110°	51.85	711.89	5.19 %	71.19 %
115°	48.63	760.51	4.86 %	76.05 %
120°	44.73	805.24	4.47 %	80.52 %
125°	40.31	845.55	4.03 %	84.55 %
130°	35.50	881.05	3.55 %	88.10 %
135°	30.47	911.52	3.05 %	91.15 %
140°	25.38	936.90	2.54 %	93.69 %
145°	20.37	957.27	2.04 %	95.73 %
150°	15.65	972.92	1.56 %	97.29 %
155°	11.35	984.27	1.13 %	98.43 %
160°	7.63	991.89	0.76 %	99.19 %
165°	4.59	996.49	0.46 %	99.65 %
170°	2.34	998.83	0.23 %	99.88 %
175°	0.94	999.78	0.09 %	99.98 %
180°	0.22	1000.00	0.02 %	100.00 %

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Lamps Flux	2344.15 lm	Maximum value	104.10 cd/klm	Position	C=0.00 G=90.00	CG	Asymmetrical

Utilizations CIE

Mounting Direct Normalization Normalised Suspension Ratio 1/3 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	571	513	541	489	488	466	425	361	413	352	376	284	350	239	329	304	268	285	227	254	240	208	190
0.80	633	581	587	541	552	517	480	420	459	403	417	331	385	282	377	347	314	324	269	297	280	246	225
1.00	676	629	614	574	598	550	522	466	490	440	446	367	411	315	412	379	348	353	301	331	310	276	254
1.25	714	672	633	600	639	576	562	510	517	473	471	401	435	348	444	410	381	381	333	362	340	307	282
1.50	740	703	644	615	669	592	592	544	535	496	490	426	453	374	468	432	406	403	358	387	363	331	304
2.00	774	743	653	631	709	610	636	595	558	526	515	462	478	411	499	464	442	435	396	423	398	368	338
2.50	794	769	655	638	734	619	665	630	571	545	531	486	496	438	518	486	466	457	422	447	423	394	362
3.00	808	786	655	641	751	623	687	656	580	557	542	503	509	458	532	501	483	473	442	465	442	414	380
4.00	825	808	652	642	773	626	717	692	589	572	556	525	526	485	549	521	507	495	470	489	467	443	406
5.00	835	821	649	641	786	627	737	715	594	580	565	540	538	504	558	533	522	510	489	505	485	462	423
10.00	853	846	636	633	812	622	780	768	602	595	583	569	565	546	576	560	553	544	532	538	524	506	461
20.00	860	856	625	623	823	614	804	797	603	599	591	584	580	570	584	573	570	563	557	556	547	532	483

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	431	400	394	367	383	353	302	273	285	259	239	203	206	167	245	208	195	181	161	187	163	151	137
0.80	513	481	460	434	458	415	373	341	346	319	297	258	260	217	299	259	245	229	207	233	207	190	172
1.00	578	547	510	486	518	464	432	399	396	369	346	306	307	261	343	303	288	272	248	272	245	224	204
1.25	642	613	558	537	578	511	494	461	447	421	397	357	357	311	389	349	334	317	293	313	286	261	238
1.50	693	666	596	577	627	549	545	513	488	463	439	401	399	353	427	388	373	356	332	348	322	293	267
2.00	770	746	652	637	701	606	625	595	551	529	505	470	466	423	487	450	436	418	395	405	379	346	315
2.50	826	806	694	681	757	649	686	659	598	580	555	524	518	479	532	498	485	468	446	450	425	388	354
3.00	871	853	728	716	801	683	735	710	637	620	597	568	561	525	570	538	526	509	489	487	463	423	387
4.00	940	925	780	771	869	737	811	790	697	683	662	638	630	598	629	600	590	574	556	546	524	480	440
5.00	992	979	821	814	920	779	869	851	744	732	712	691	683	655	675	649	640	625	609	592	573	525	483
10.00	1000	1000	947	944	1000	908	1000	1000	885	879	864	851	843	826	815	798	792	780	771	737	722	668	620
20.00	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	994	984	951	940	937	928	923	876	867	808	757

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	378	345	353	323	324	304	225	196	217	189	157	121	115	77	170	122	109	87	69	99	68	54	37
0.80	472	436	434	404	405	377	300	265	286	254	221	176	171	123	225	173	156	133	109	139	104	83	62
1.00	547	510	498	468	472	435	364	326	344	310	276	227	223	168	272	218	199	175	147	175	139	110	86
1.25	622	586	560	532	539	493	431	392	404	370	335	283	280	220	321	267	247	222	191	214	177	141	113
1.50	680	646	608	581	592	538	487	447	452	419	384	332	328	266	362	308	288	263	231	248	211	168	137
2.00	767	737	676	653	672	604	574	536	526	495	461	412	406	345	425	374	355	331	298	303	267	214	178
2.50	828	801	722	703	729	649	638	602	579	551	518	472	465	407	471	424	405	382	351	344	311	249	210
3.00	872	848	755	738	770	682	686	653	618	593	561	518	511	456	506	462	445	422	392	376	345	277	235
4.00	932	913	800	786	828	727	755	727	672	651	622	586	577	529	556	516	502	480	454	423	395	318	273
5.00	972	956	829	818	866	757	801	777	708	690	664	632	623	581	589	554	541	521	498	456	430	347	300
10.00	1000	1000	892	887	954	823	912	898	792	782	763	745	735	710	668	645	637	623	608	536	518	421	369
20.00	1000	1000	929	927	1000	862	982	974	843	838	826	816	809	794	718	704	699	690	682	589	578	472	417

LM53 SHR C0-C180: 6.645 SHR C90-C270: 6.645 SHR Square: 2.870

Luminaire
Code 2950130400
Name MAXI-P/04 OUTDOOR
Measurem.
Code CL092A17F004G
Name MAXI-P/04 OUTDOOR

Luminaire Flux	2344.15 lm	Luminaire Power	42.25 W	Efficacy	55.48 lm/W	Efficiency	100.00%
Lamps Flux	2344.15 lm	Maximum value	104.10 cd/klm	Position	C=0.00 G=90.00	CG	Asymmetrical

Isolux (Floor)

Luminaire position X=0.00m Y=0.00m Z=0.01m

