

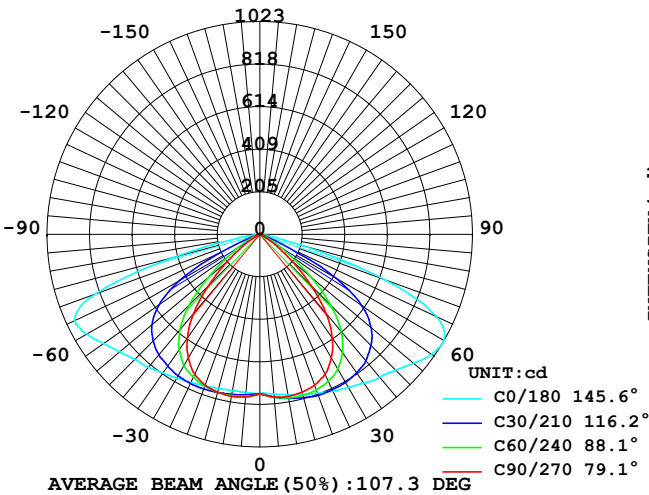
STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:		
Address:		
NAME: 青稞太阳能路灯	TYPE: 太阳能路灯	WEIGHT: **KG
SPECIFICATION: LD-TS1-H70FL-0902B7-C40TH	DIMENSION:	SERIAL No.:

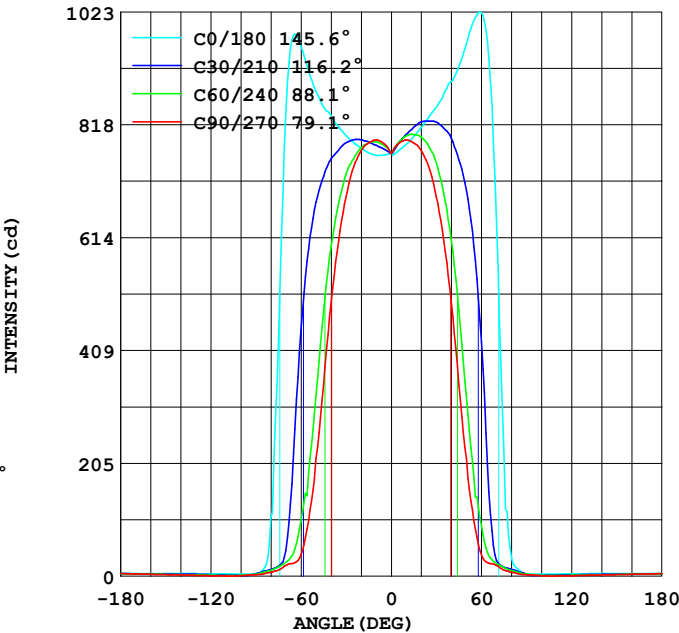
MODEL:	7070/27V5W	Imax(cd):	1023	Effective Flux(lm):	2220.9
NOMINAL POWER(W):	10	MAXIMUM(C, γ):	180, 59.0	EEI	0.063
RATED VOLTAGE(V):	24	EFFICIENCY(%):	100.0	Voltage(V)	23.83
NOMINAL FLUX(lm):	2296.0	η street_up(%):	0.4	Current(A)	0.427
TEST FLUX(lm):	2296	η street_down(%):	49.7	Power(W)	10.19
LAMPS QUANTITY:	1	η house_up(%):	0.4	Power Factor	1.000
TOTAL RADIANT(mw):	2296	η house_down(%):	49.6	EEFICIENCY(lm/W)	225.3

INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM
IN C PLANS

LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:覃锦华
Test Date:2025年02月11日

Test Set: 5.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:8.450 m
Remarks:

Color Temperature Data List

Report number:

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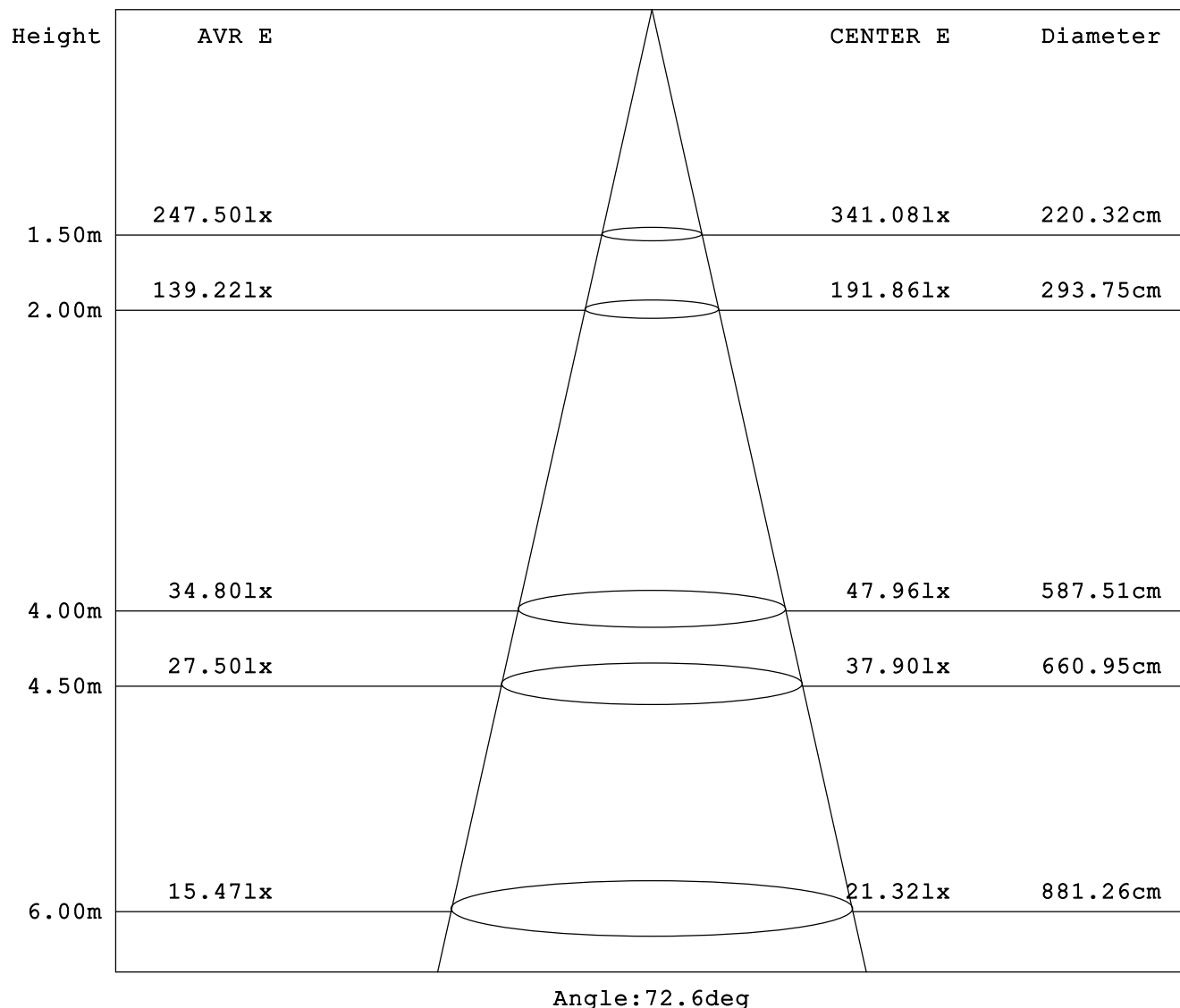
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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

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Address:		
NAME: 青稞太阳能路灯	TYPE: 太阳能路灯	WEIGHT: **KG
SPECIFICATION: LD-TS1-H70FL-0902B7-C40TH	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	763.0	777.9	784.1	785.9	770.9	785.9	784.1	777.9	0- 5	18.53	18.53
10.0	762.2	784.4	790.4	799.8	782.7	799.8	790.4	784.4	5- 10	56.18	74.72
15.0	767.1	786.5	785.2	807.5	796.7	807.5	785.2	786.5	10- 15	93.91	168.6
20.0	775.3	783.1	771.2	809.0	813.0	809.0	771.2	783.1	15- 20	130.8	299.4
25.0	785.8	774.0	741.9	803.0	831.7	803.0	741.9	774.0	20- 25	165.6	465.0
30.0	798.2	756.5	687.1	786.5	850.0	786.5	687.1	756.5	25- 30	196.6	661.7
35.0	813.7	728.9	608.3	756.6	873.1	756.6	608.3	728.9	30- 35	221.4	883.1
40.0	834.9	681.5	494.4	703.6	896.2	703.6	494.4	681.5	35- 40	237.5	1121
45.0	849.8	606.2	348.3	616.7	923.4	616.7	348.3	606.2	40- 45	240.3	1361
50.0	878.6	489.4	213.5	485.5	964.5	485.5	213.5	489.4	45- 50	228.0	1589
55.0	916.6	333.3	100.8	325.2	1007	325.2	100.8	333.3	50- 55	204.4	1794
60.0	960.4	185.6	38.55	152.5	1021	152.5	38.55	185.6	55- 60	175.5	1969
65.0	980.8	74.68	23.77	51.05	937.5	51.05	23.77	74.68	60- 65	140.5	2110
70.0	841.2	24.16	19.63	21.24	640.3	21.24	19.63	24.16	65- 70	97.33	2207
75.0	425.2	16.13	11.28	15.20	224.4	15.20	11.28	16.13	70- 75	47.41	2255
80.0	106.1	11.13	7.497	11.03	32.63	11.03	7.497	11.13	75- 80	14.99	2270
85.0	12.35	6.997	4.284	6.747	10.99	6.747	4.284	6.997	80- 85	5.885	2275
90.0	4.355	3.712	2.641	4.105	4.212	4.105	2.641	3.712	85- 90	3.134	2279
95.0	3.927	2.499	1.999	2.177	3.712	2.177	1.999	2.499	90- 95	1.636	2280
100.0	3.855	1.606	1.142	1.463	3.712	1.463	1.142	1.606	95-100	1.113	2281
105.0	3.998	1.642	0.500	1.570	3.855	1.570	0.500	1.642	100-105	0.986	2282
110.0	4.212	1.927	0.571	1.820	3.998	1.820	0.571	1.927	105-110	1.003	2283
115.0	4.284	2.177	0.785	2.034	4.069	2.034	0.785	2.177	110-115	1.068	2284
120.0	4.355	2.427	1.071	2.213	4.212	2.213	1.071	2.427	115-120	1.123	2285
125.0	4.498	2.677	1.356	2.427	4.355	2.427	1.356	2.677	120-125	1.169	2287
130.0	4.712	2.927	1.713	2.606	4.569	2.606	1.713	2.927	125-130	1.205	2288
135.0	4.926	3.177	2.070	2.856	4.783	2.856	2.070	3.177	130-135	1.224	2289
140.0	5.212	3.355	2.356	3.070	4.855	3.070	2.356	3.355	135-140	1.213	2290
145.0	5.212	3.570	2.641	3.248	4.855	3.248	2.641	3.570	140-145	1.160	2291
150.0	5.212	3.748	2.927	3.463	4.855	3.463	2.927	3.748	145-150	1.074	2293
155.0	5.069	3.927	3.213	3.641	4.783	3.641	3.213	3.927	150-155	0.961	2293
160.0	5.069	4.105	3.570	3.891	4.712	3.891	3.570	4.105	155-160	0.833	2294
165.0	5.069	4.284	3.927	4.105	4.783	4.105	3.927	4.284	160-165	0.686	2295
170.0	4.998	4.462	4.284	4.355	4.855	4.355	4.284	4.462	165-170	0.516	2296
175.0	4.998	4.605	4.569	4.498	4.926	4.498	4.569	4.605	170-175	0.323	2296
180.0	4.926	4.676	4.712	4.605	4.855	4.605	4.712	4.676	175-180	0.110	2296
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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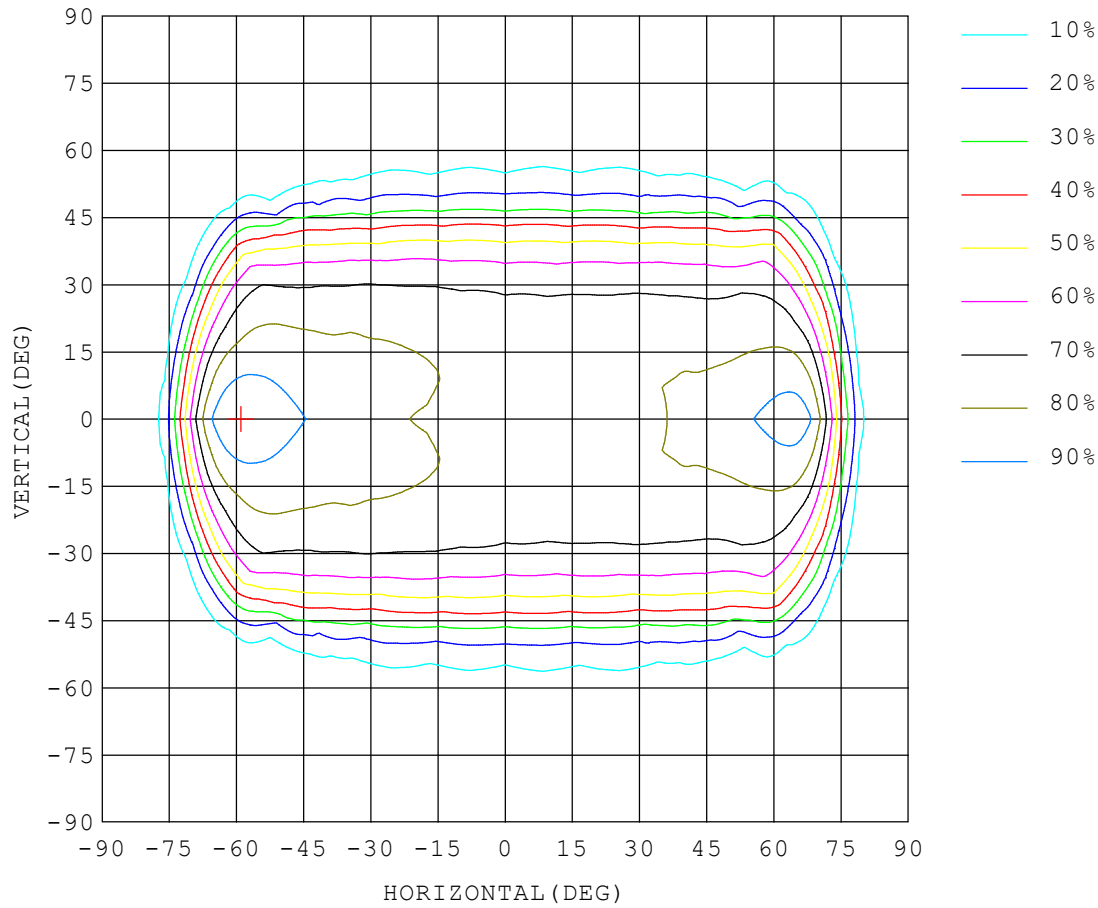
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ISOCANDELA DIAGRAM

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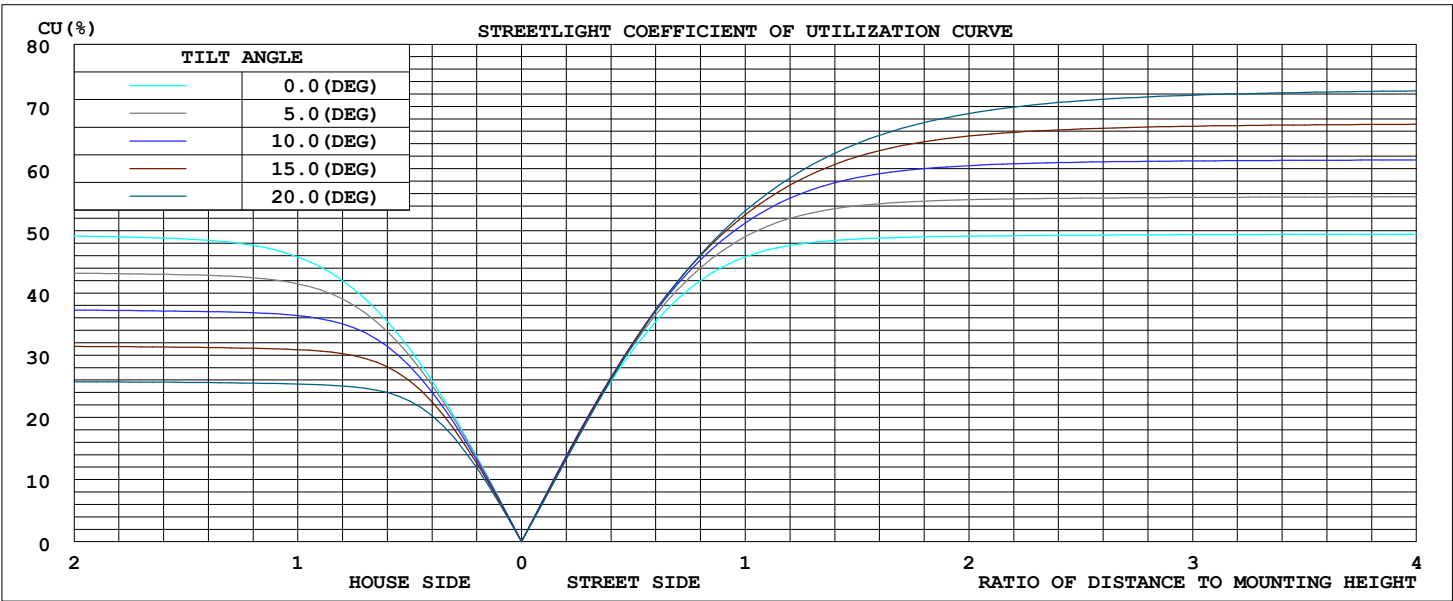
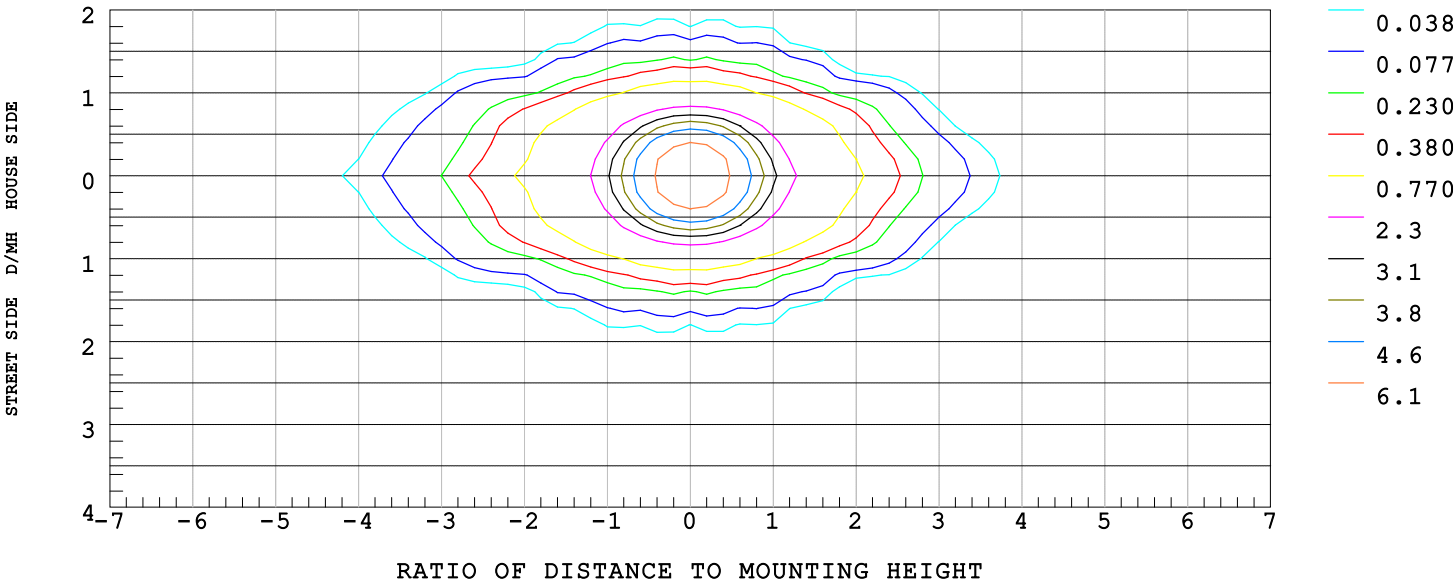
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ISOLUX DIAGRAM

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ILLUMINANCE AT MH=10 m,Enadir = 7.67 lx



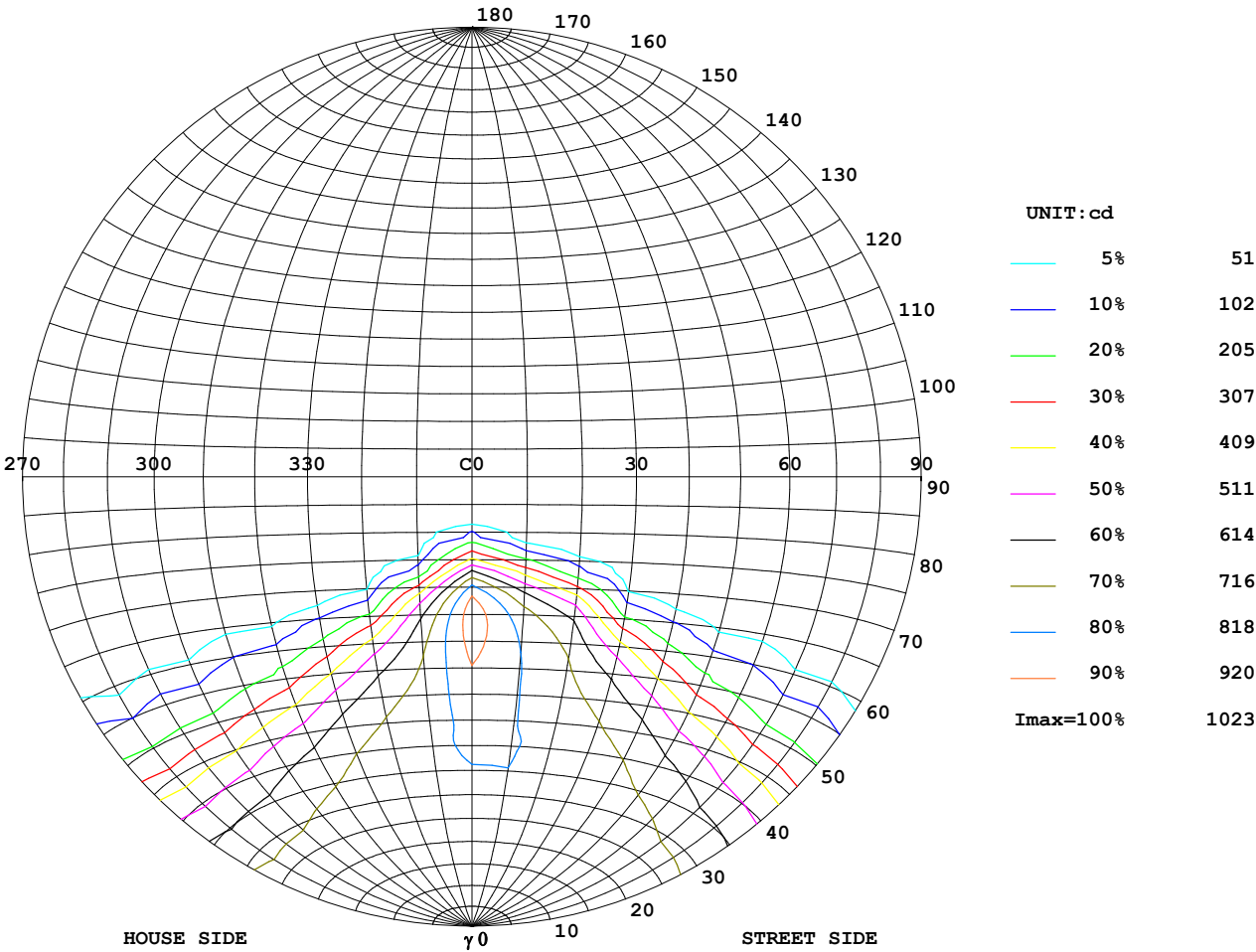
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