

# GONIOPHOTOMETERS SYSTEM TEST REPORT

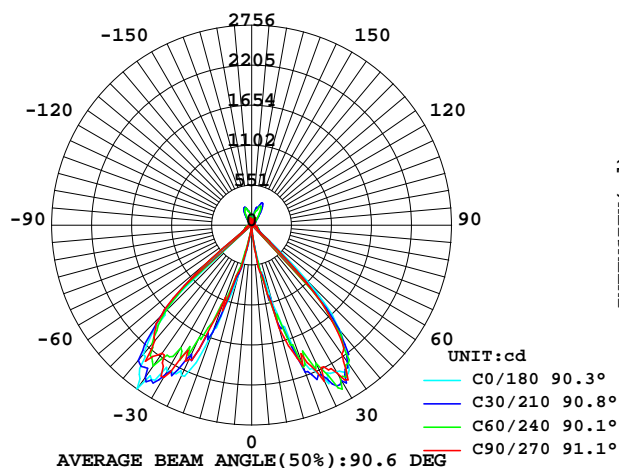
## STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

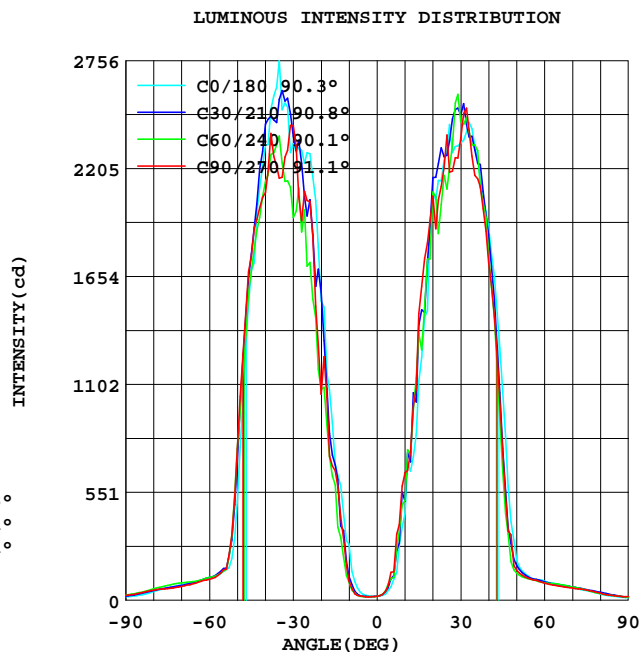
MANUFACTURER: JOLIET PHOTOELECTRIC	Address:DANYANG CHINA	
NAME: WETAR 40W	TYPE:GARDEN LIGHT	WEIGHT:
SPECIFICATION:64 PCS	DIMENSION:	SERIAL No.:

MODEL:	3030-2D	Imax(cd):	2756	Effictive Flux(lm):	4319.8
NOMINAL POWER(W):	40	MAXIMUM(C, $\gamma$ ):	0, 35.0	EEI	0.128
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.3
NOMINAL FLUX(lm):	4319.8	$\eta$ street_up(%):	4.0	Current(A)	0.250
TEST FLUX(lm):	4320	$\eta$ street_down(%):	46.9	Power(W)	40.56
LAMPS QUANTITY:	1	$\eta$ house_up(%):	4.9	Power Factor	0.770
TOTAL RADIANT(mw):	4320	$\eta$ house_down(%):	44.2	EEFICIENCY(lm/W)	106.5

INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



INTENSITY DISTRIBUTION DIAGRAM  
IN C PLANS



Test System:HOP00 HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:2020-06-19

Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:9.200 m  
Remarks:

## GONIOPHOTOMETERS SYSTEM TEST REPORT

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### Color Temperature Data List

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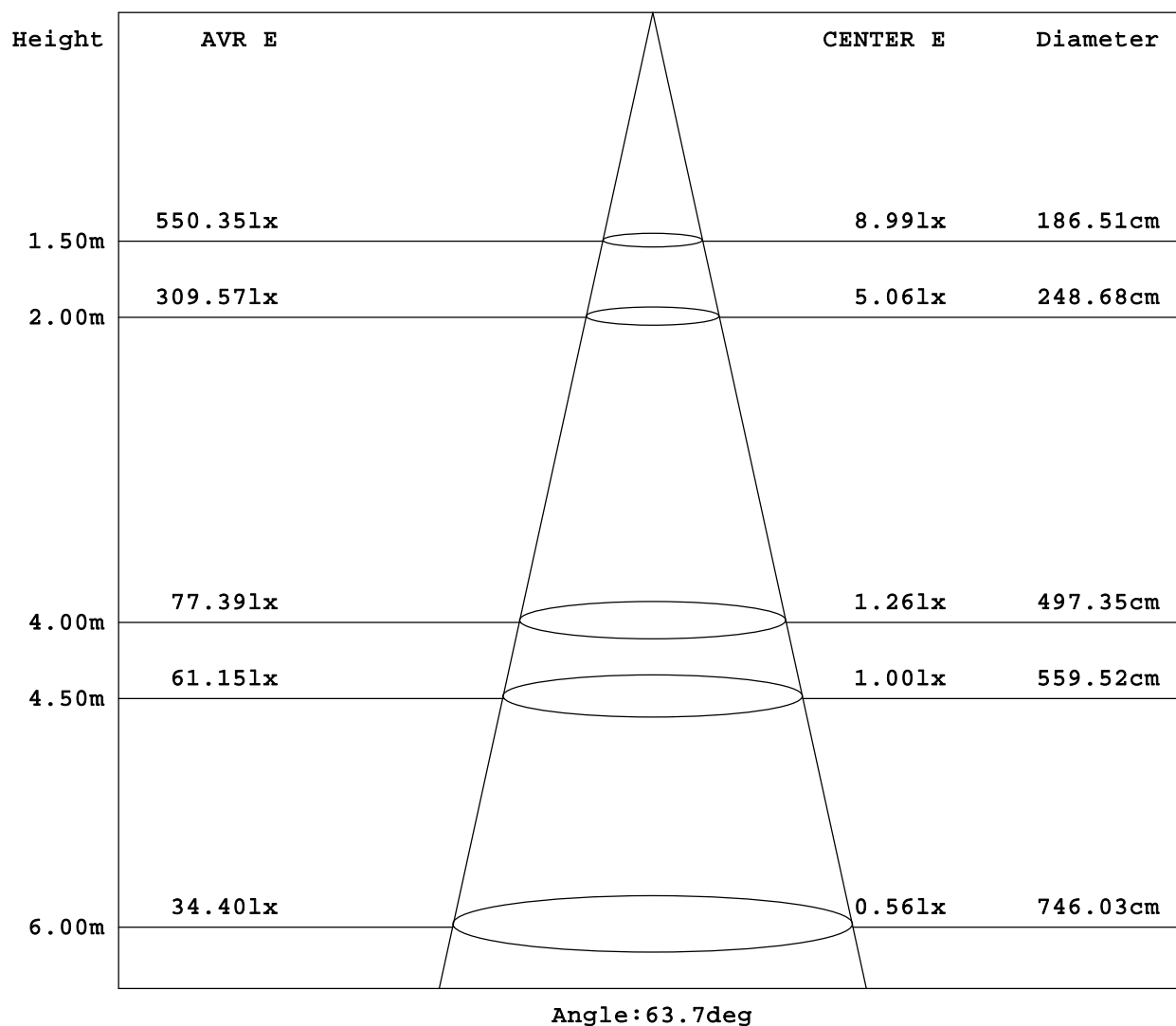
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## AVERAGE AND CENTER E Figure

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## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER: JOLIET PHOTOELECTRIC	Address:DANYANG CHINA	
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SPECIFICATION:64 PCS	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	Zone	total
5.0	30.30	21.83	19.63	26.66	69.82	109.0	142.5	78.71	0- 5	0.835	0.835
10.0	286.8	112.0	97.33	260.5	443.7	534.6	650.7	418.0	5- 10	13.28	14.12
15.0	693.3	639.2	661.5	655.0	1119	1171	1464	966.9	10- 15	74.31	88.43
20.0	1528	1385	1052	1315	2080	1959	2064	1718	15- 20	212.4	300.8
25.0	2286	2012	2041	1897	2300	2155	2376	2266	20- 25	400.7	701.6
30.0	2333	2109	2423	2169	2334	2473	2357	2479	25- 30	556.4	1258
35.0	2756	2407	2156	2353	2320	2244	2169	2412	30- 35	688.9	1947
40.0	2326	2218	2082	2072	1906	1776	1726	1978	35- 40	727.9	2675
45.0	1686	1775	1758	1496	1068	733.0	757.5	1149	40- 45	618.3	3293
50.0	505.9	631.0	772.5	398.1	202.1	167.8	152.3	186.6	45- 50	323.4	3617
55.0	147.8	135.9	156.9	121.3	116.0	121.0	108.8	126.8	50- 55	89.39	3706
60.0	116.8	105.8	107.3	100.4	97.25	98.09	86.75	108.5	55- 60	52.26	3759
65.0	92.93	88.78	87.51	82.60	82.01	82.27	72.87	92.00	60- 65	45.42	3804
70.0	78.88	74.82	71.52	69.74	66.44	69.48	62.63	77.78	65- 70	39.50	3844
75.0	62.54	62.37	59.92	58.40	49.09	55.94	53.15	64.07	70- 75	33.83	3877
80.0	44.77	49.34	51.88	42.15	32.50	39.27	37.24	44.52	75- 80	27.05	3904
85.0	26.57	31.48	36.56	26.40	19.89	26.49	23.36	31.06	80- 85	18.83	3923
90.0	18.19	19.21	25.73	16.75	13.88	16.67	19.38	19.29	85- 90	12.38	3936
95.0	17.18	12.86	23.10	14.72	14.81	14.38	20.39	15.99	90- 95	9.477	3945
100.0	17.60	11.93	22.68	15.06	17.01	15.23	21.66	16.33	95-100	9.094	3954
105.0	19.72	13.45	23.36	16.84	20.22	17.26	24.03	18.36	100-105	9.666	3964
110.0	22.59	15.82	24.88	19.46	24.46	20.48	27.00	21.32	105-110	10.72	3975
115.0	26.57	19.72	27.16	23.44	29.87	25.13	31.14	25.64	110-115	12.16	3987
120.0	31.99	24.63	31.06	28.94	36.90	31.14	36.22	31.40	115-120	14.00	4001
125.0	38.42	31.74	35.46	36.47	41.64	39.95	40.37	39.78	120-125	16.27	4017
130.0	38.42	41.38	30.55	47.73	35.63	53.06	34.53	52.56	125-130	18.76	4036
135.0	39.61	56.11	35.88	64.24	45.95	75.83	40.71	74.56	130-135	22.05	4058
140.0	53.74	79.64	44.43	93.27	59.75	118.6	49.34	113.1	135-140	27.67	4086
145.0	74.22	121.7	59.16	148.6	73.80	202.1	59.84	182.6	140-145	36.48	4122
150.0	89.46	192.7	79.39	218.1	66.44	296.0	86.92	272.7	145-150	46.01	4168
155.0	86.75	272.7	89.37	281.3	105.2	368.6	113.5	362.4	150-155	51.65	4220
160.0	95.38	321.2	103.7	267.4	106.9	299.3	90.05	347.7	155-160	45.45	4265
165.0	84.97	247.0	92.68	197.5	104.1	238.6	87.17	282.3	160-165	31.18	4296
170.0	77.61	199.3	102.0	167.0	56.20	100.4	43.58	132.2	165-170	17.39	4314
175.0	39.69	77.44	50.95	40.37	24.03	27.16	19.12	32.33	170-175	5.362	4319
180.0	21.49	20.39	20.73	18.62	20.82	22.76	19.04	21.16	175-180	0.678	4320
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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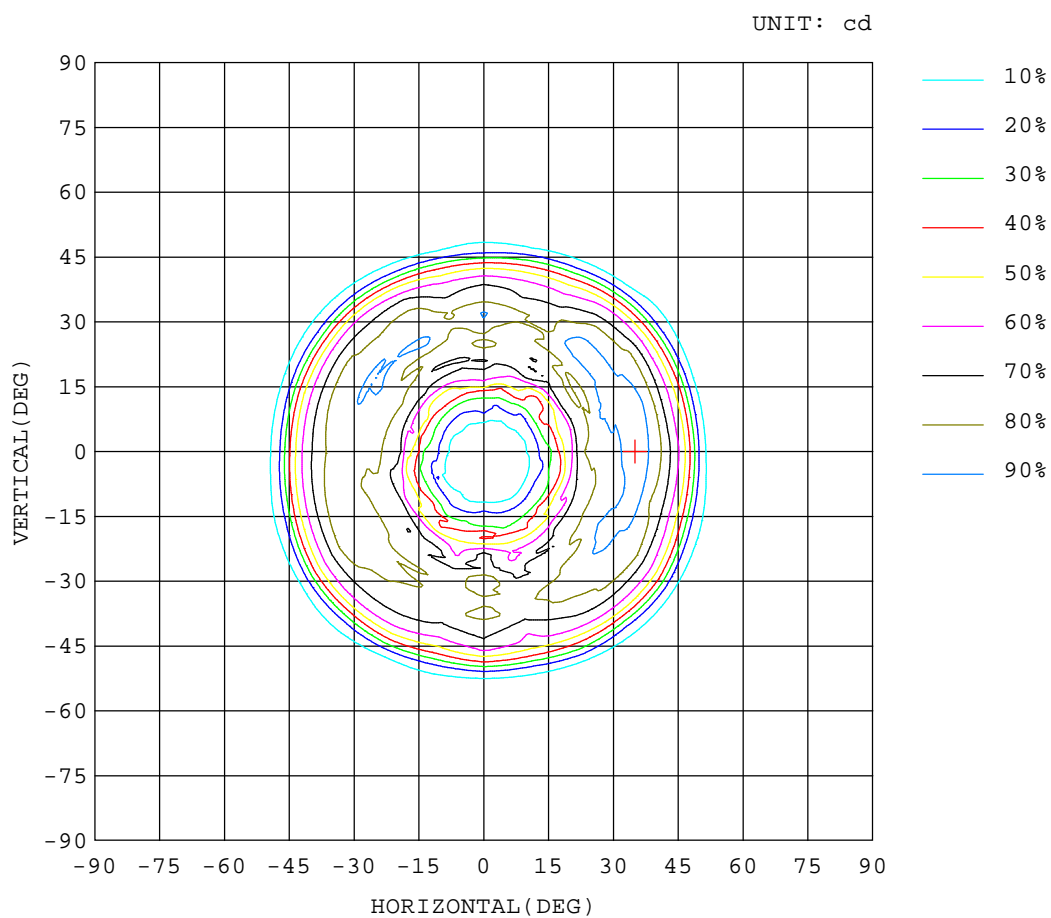
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## ISOCANDELA DIAGRAM

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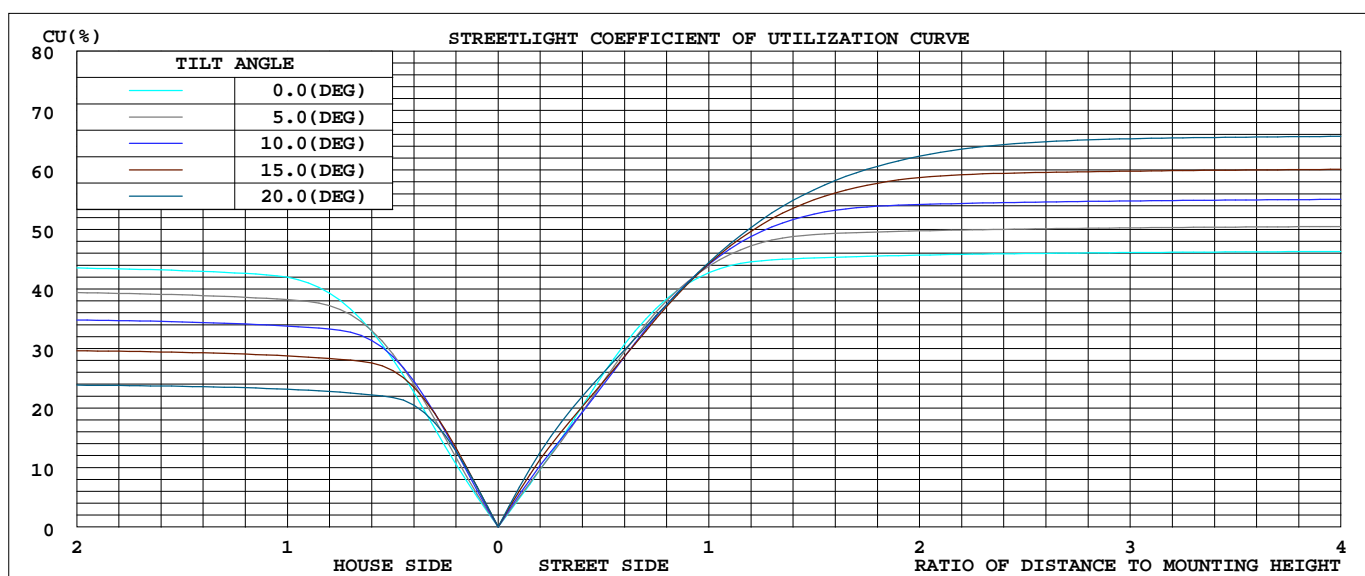
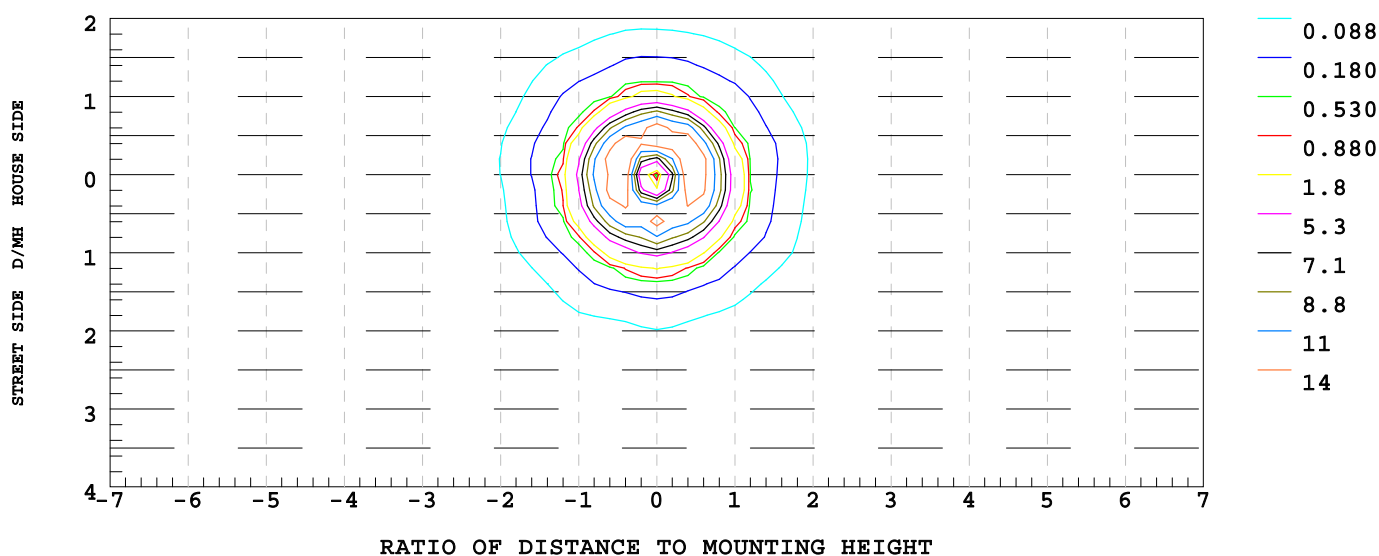
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## ISOLUX DIAGRAM

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ILLUMINANCE AT MH=10 m,Enadir = 0.20 lx



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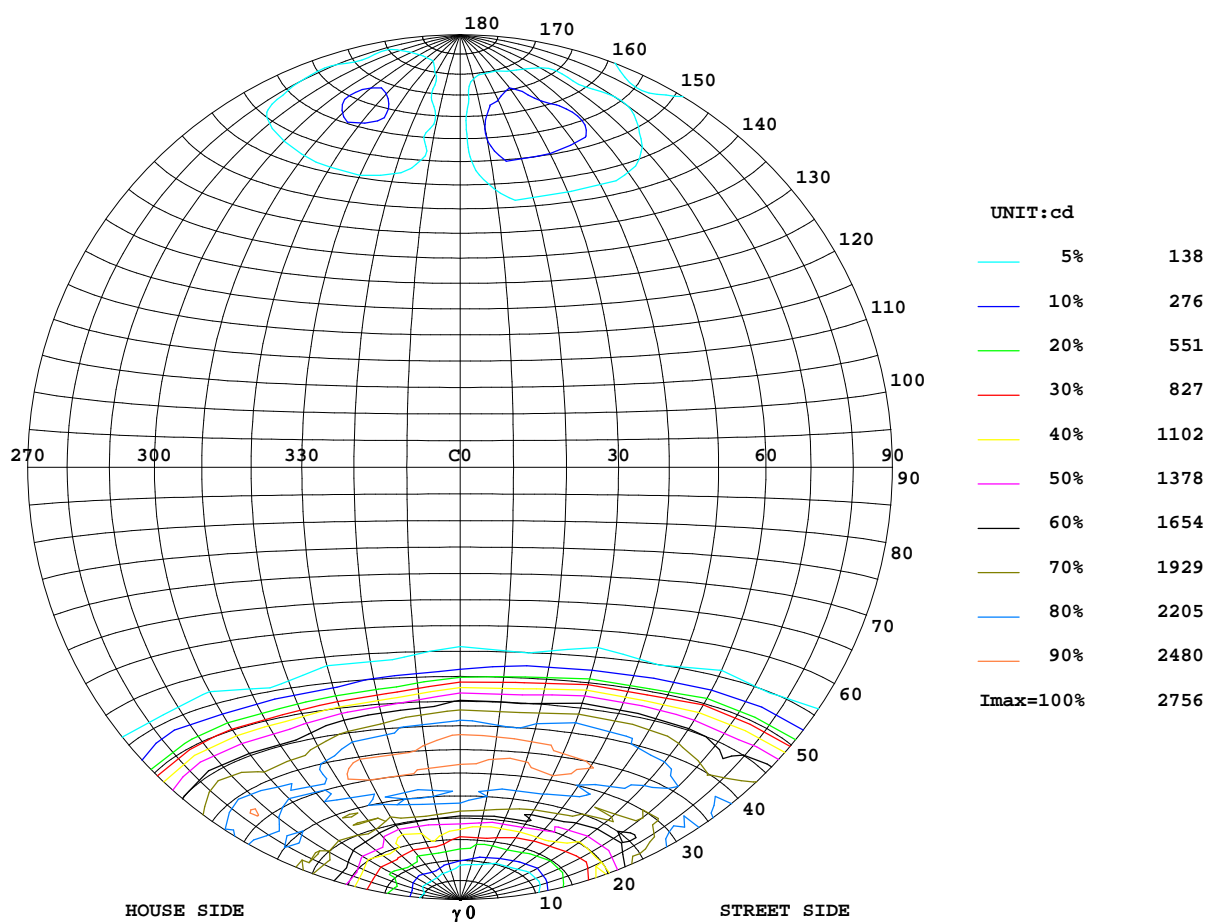
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