

# GONIOPHOTOMETERS SYSTEM TEST REPORT

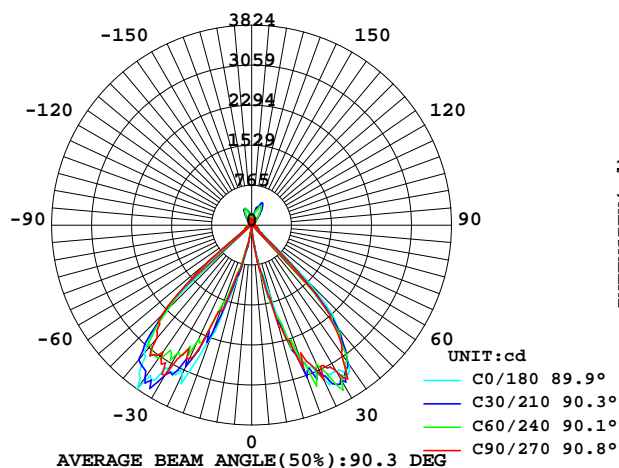
## STREETLIGHT PHOTOMETRIC TEST REPORT

Report number:

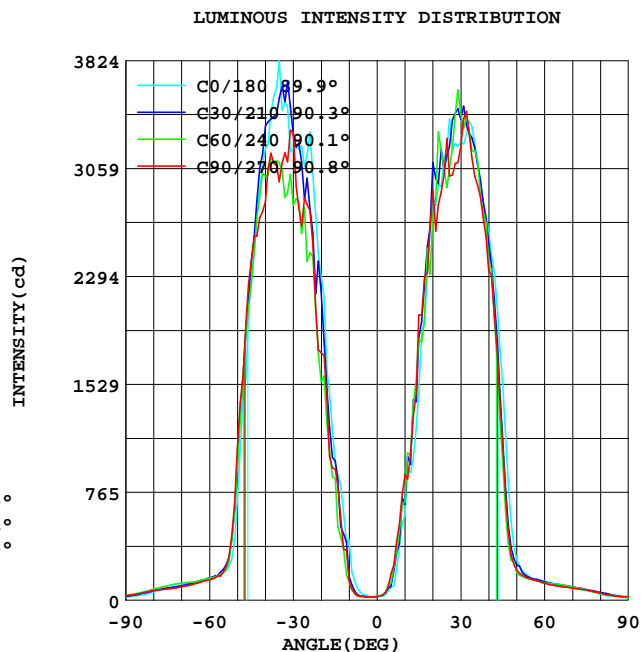
MANUFACTURER: JOLIET PHOTOELECTRIC	Address:DANYANG CHINA	
NAME: WETAR 60W	TYPE:GARDEN LIGHT	WEIGHT:
SPECIFICATION:64 PCS	DIMENSION:	SERIAL No.:

MODEL:	3030-2D	Imax(cd):	3824	Effective Flux(lm):	5919.7
NOMINAL POWER(W):	60	MAXIMUM(C, $\gamma$ ):	0, 35.0	EEI	0.139
RATED VOLTAGE(V):	220	EFFICIENCY(%):	100.0	Voltage(V)	220.1
NOMINAL FLUX(lm):	5919.7	$\eta$ street_up(%):	4.0	Current(A)	0.334
TEST FLUX(lm):	5920	$\eta$ street_down(%):	47.0	Power(W)	60.25
LAMPS QUANTITY:	1	$\eta$ house_up(%):	4.8	Power Factor	0.873
TOTAL RADIANT(mw):	5920	$\eta$ house_down(%):	44.2	EEFICIENCY(lm/W)	98.3

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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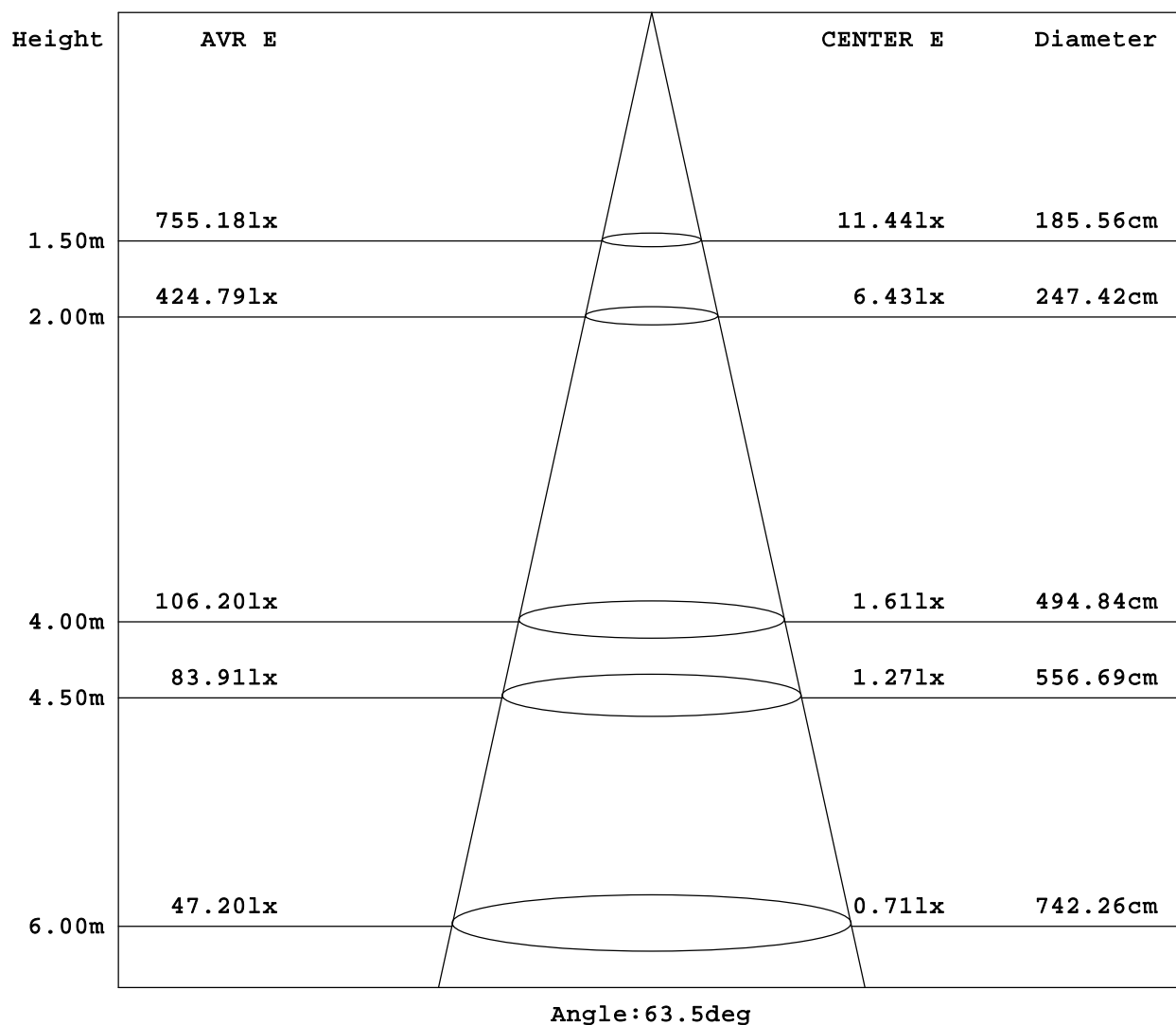
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## AVERAGE AND CENTER E Figure

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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.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	Zone	total
5.0	40.03	28.60	25.30	34.53	89.46	139.1	186.9	100.8	0- 5	1.059	1.059
10.0	430.8	135.8	143.5	385.1	604.2	788.6	891.1	566.0	5- 10	18.05	19.11
15.0	967.6	879.2	928.8	1201	1488	1609	2021	1306	10- 15	102.5	121.6
20.0	2291	1881	1755	1734	2864	2697	2904	2308	15- 20	292.7	414.3
25.0	3150	2853	2805	2606	3200	3025	3272	3106	20- 25	548.6	963.0
30.0	3199	2973	3310	2987	3248	3405	3211	3391	25- 30	766.2	1729
35.0	3824	3396	2965	3230	3232	3117	3004	3305	30- 35	947.5	2677
40.0	3204	2914	2825	2782	2607	2513	2344	2702	35- 40	996.2	3673
45.0	2287	2444	2408	2084	1534	1026	1106	1566	40- 45	849.3	4522
50.0	714.5	852.6	1071	539.4	284.0	244.6	214.1	258.6	45- 50	442.0	4965
55.0	196.8	193.2	205.6	167.4	160.9	164.9	149.8	171.1	50- 55	120.5	5085
60.0	159.3	143.8	145.1	138.1	135.5	133.4	120.2	146.7	55- 60	71.23	5156
65.0	127.2	120.2	118.1	112.9	113.7	112.3	100.3	124.6	60- 65	61.98	5218
70.0	107.4	102.9	95.98	95.72	92.25	94.37	86.24	104.8	65- 70	53.92	5272
75.0	86.50	85.99	80.74	79.81	68.72	75.92	73.21	85.99	70- 75	46.13	5318
80.0	60.77	67.54	69.82	56.70	44.60	53.40	51.12	59.92	75- 80	36.79	5355
85.0	35.21	43.33	48.07	35.88	27.50	35.21	31.65	41.38	80- 85	25.45	5381
90.0	24.20	26.06	34.02	22.59	19.12	21.92	26.49	25.22	85- 90	16.59	5397
95.0	22.85	17.18	30.55	19.72	20.39	18.79	27.84	20.90	90- 95	12.63	5410
100.0	23.44	16.16	30.04	20.39	23.36	19.97	29.70	21.41	95-100	12.13	5422
105.0	26.40	18.02	30.97	22.51	27.67	22.76	32.75	24.29	100-105	12.95	5435
110.0	30.47	21.58	33.09	26.15	33.68	27.59	36.98	28.52	105-110	14.42	5449
115.0	35.97	26.49	36.73	31.40	41.47	33.85	42.48	34.53	110-115	16.40	5466
120.0	43.50	33.43	41.72	39.01	50.78	42.57	49.42	42.57	115-120	18.98	5485
125.0	52.64	43.16	47.82	49.76	57.38	54.16	55.18	53.83	120-125	22.11	5507
130.0	52.64	56.53	41.30	65.08	49.09	72.79	47.05	71.77	125-130	25.58	5532
135.0	54.25	76.59	48.58	87.60	62.97	104.6	55.26	102.2	130-135	30.15	5563
140.0	74.22	110.5	60.51	128.6	82.77	161.8	67.45	154.1	135-140	37.92	5601
145.0	103.4	167.5	81.59	199.3	102.1	275.8	82.01	249.0	140-145	49.96	5651
150.0	124.5	265.0	109.1	298.6	91.41	409.1	117.4	375.6	145-150	62.95	5713
155.0	120.2	380.0	124.8	387.4	147.4	509.7	156.0	496.8	150-155	70.79	5784
160.0	132.7	409.2	142.4	369.3	147.9	414.1	124.5	475.8	155-160	61.97	5846
165.0	121.8	312.3	127.4	266.2	145.6	331.8	120.0	388.2	160-165	42.07	5888
170.0	112.9	249.6	131.9	244.3	76.93	142.1	59.24	145.1	165-170	23.27	5912
175.0	46.04	111.4	58.65	56.62	32.75	36.39	25.73	42.06	170-175	7.145	5919
180.0	29.62	29.28	27.50	24.79	28.77	32.24	25.64	27.93	175-180	0.923	5920
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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 Temperature:25.3DEG  
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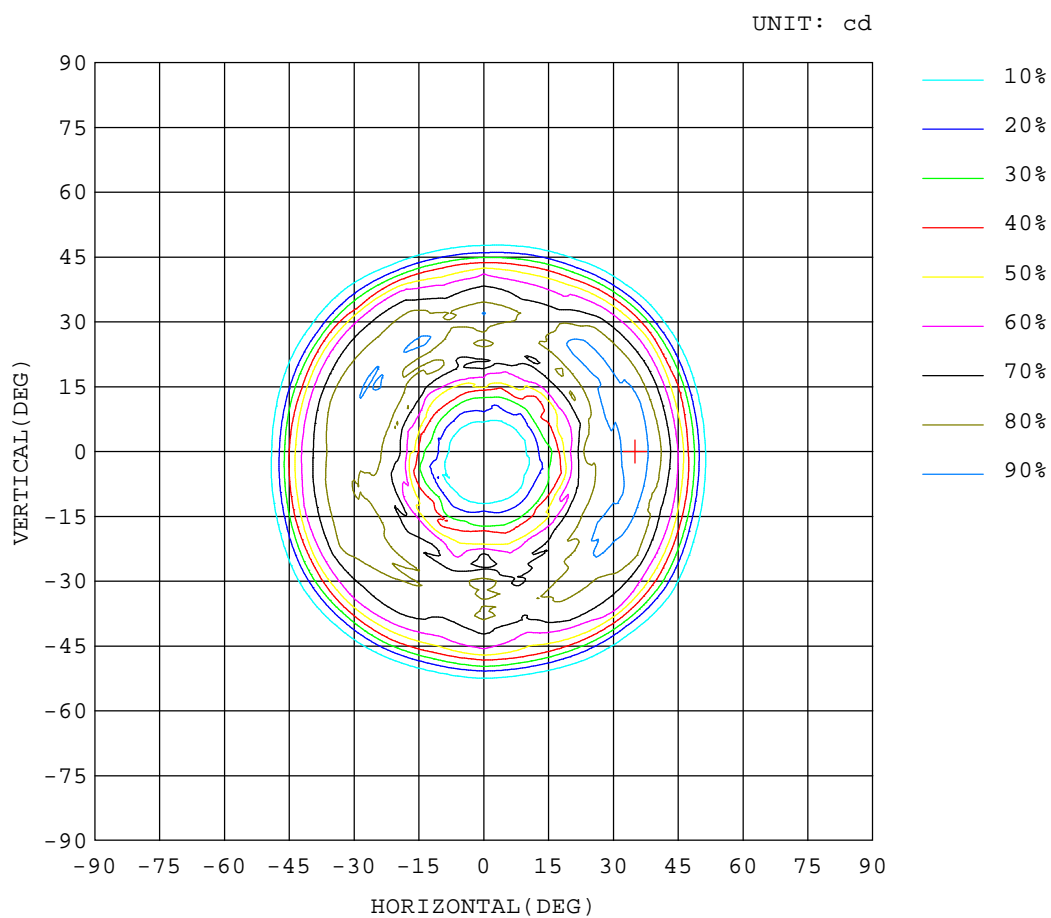
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## ISOCANDELA DIAGRAM

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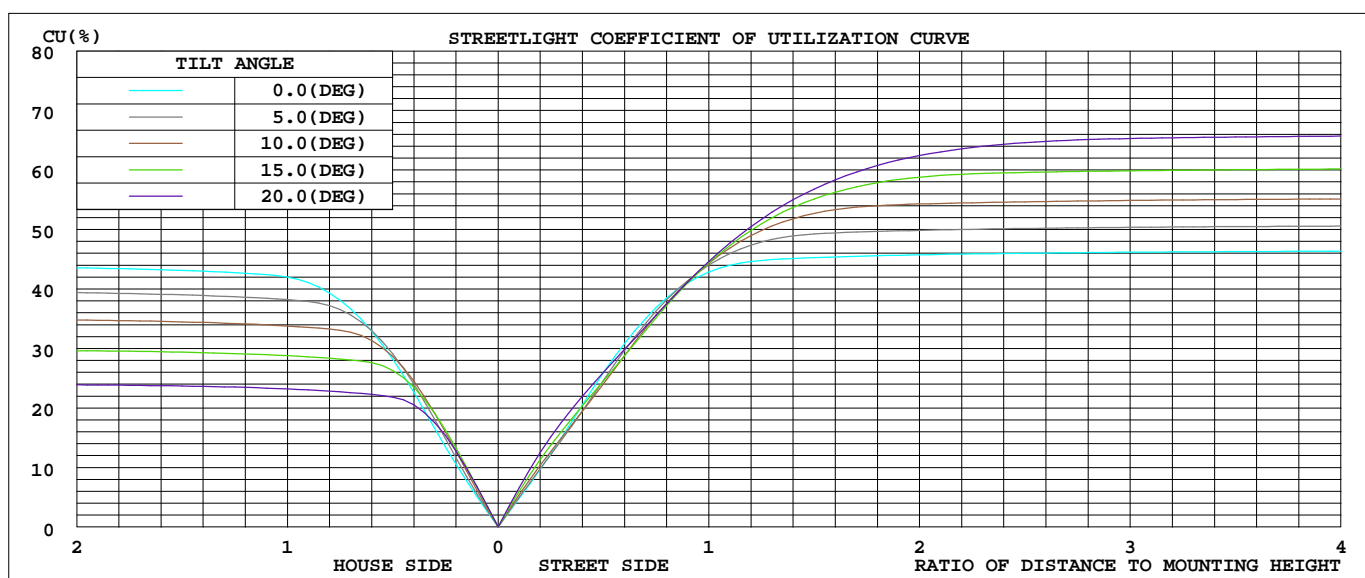
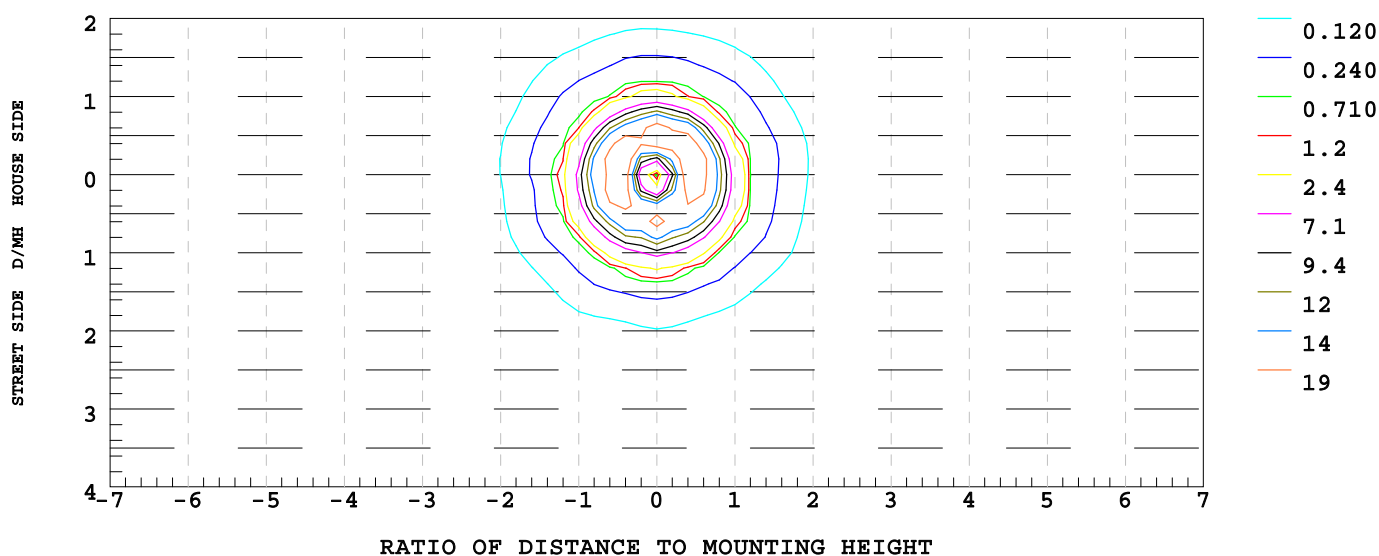
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## ISOLUX DIAGRAM

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ILLUMINANCE AT MH=10 m,Enadir = 0.26 lx



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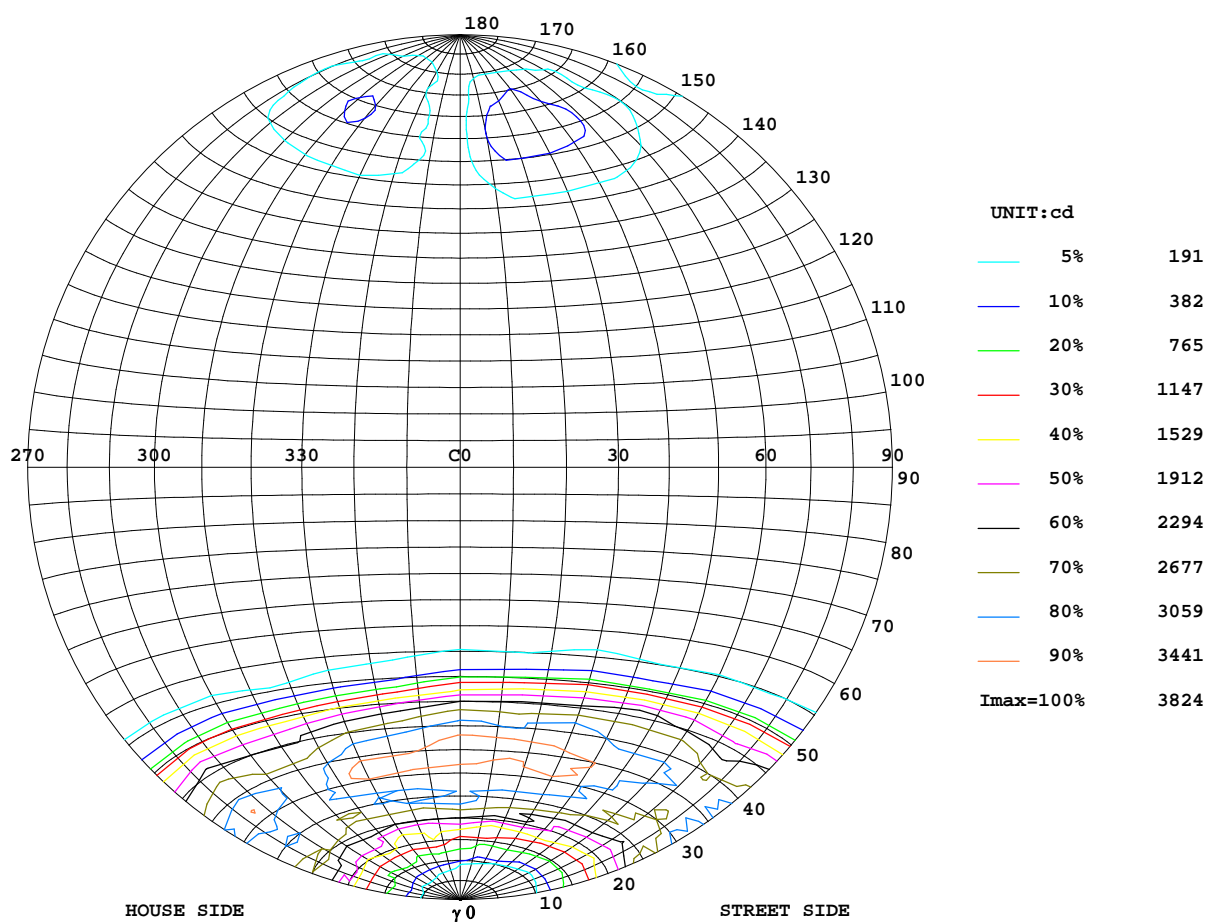
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