

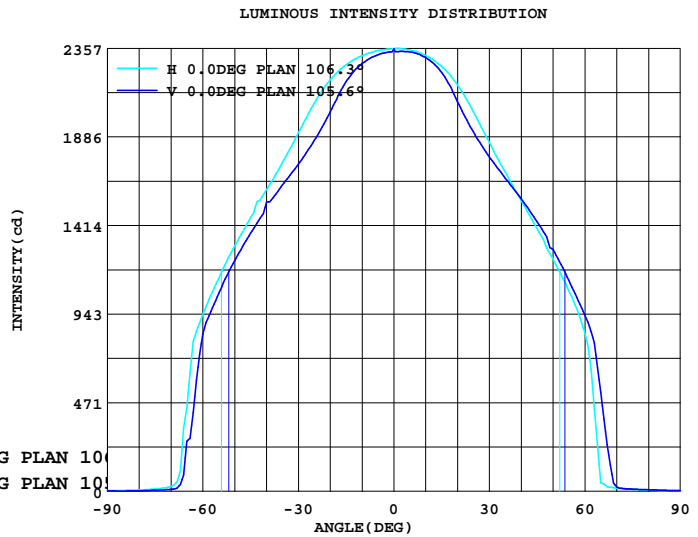
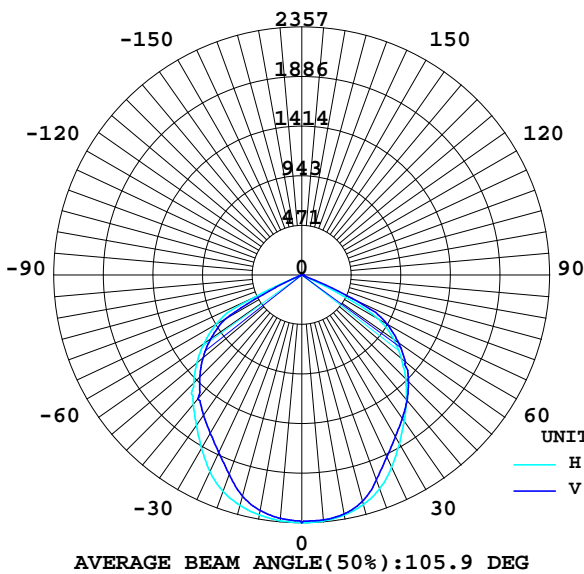
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	55	Imax(cd):	2357	Voltage(V)	219.6
RATED VOLTAGE(V):	220	AVAILABILITY(%):	99.1	Current(A)	0.250
NOMINAL FLUX(lm):	5521	Avai. FLUX(lm):	5474	Power(W)	54.75
TEST FLUX(lm):	5521	EFFICIENCY(%):	100.0	Power Factor(PF)	0.955
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	5521	EFFICIENCY(lm/W)	100.8
Effective Flux(lm) :	5473.9	$\theta$ @50%(H, V):	106.3,105.5DEG	EEL:	0.136



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015年02月09日

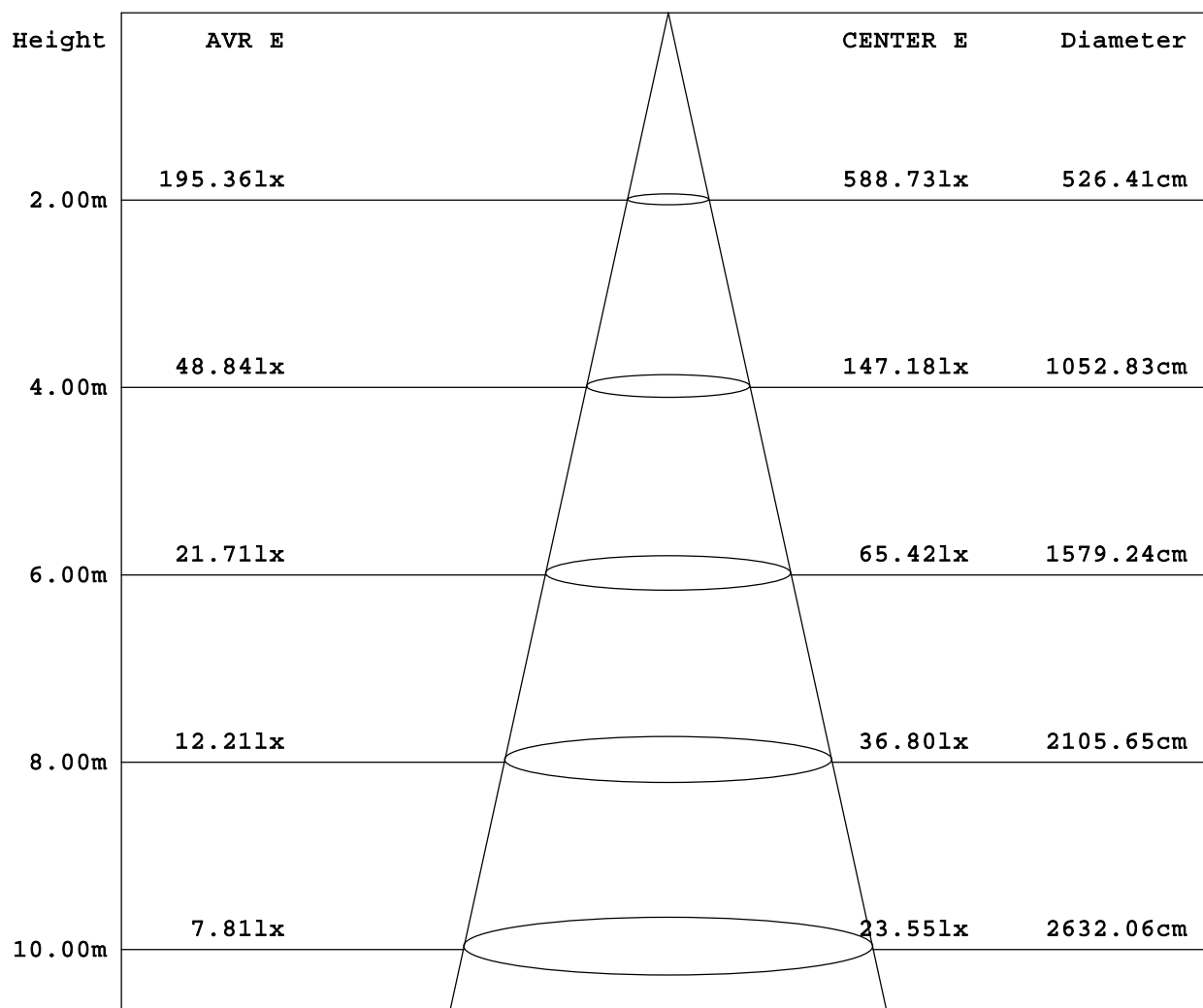
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
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Angle:105.5deg

Test System:HOPOO HPG1900  
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## AREA LUMINOUS FLUX

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		Φ t	Φ a												
	0.01	0.04	0.08	0.11	0.12	0.12	0.13	0.15	0.17	0.17	0.16	0.13	0.13	0.13	0.12	0.08	0.04	0.01	1.88	0.00												
90	0.01	0.04	0.08	0.11	0.12	0.12	0.13	0.15	0.17	0.17	0.16	0.13	0.13	0.13	0.12	0.08	0.04	0.01	1.88	0.00												
80	0.01	0.05	0.10	0.16	0.20	0.22	0.25	0.41	0.45	0.41	0.38	0.28	0.28	0.26	0.21	0.12	0.05	0.01	3.85	0.00												
70	0.01	0.06	0.13	0.42	3.07	7.60	12.1	14.9	15.6	15.7	14.9	12.0	7.49	3.40	0.73	0.18	0.06	0.01	109	97.7												
60	0.01	0.06	0.30	5.65	13.8	21.1	27.0	31.4	33.7	33.7	31.7	27.5	21.7	14.2	6.18	0.50	0.07	0.01	269	267												
50	0.01	0.07	1.81	10.8	20.3	28.5	35.6	40.8	43.3	43.1	40.6	35.7	28.9	20.9	10.8	2.09	0.09	0.01	364	362												
40	0.01	0.09	3.37	14.6	24.8	34.5	43.2	49.1	51.0	50.7	48.2	42.4	34.5	25.1	13.9	3.22	0.12	0.01	439	438												
30	0.02	0.14	4.84	17.4	28.2	39.6	49.8	56.4	58.7	58.0	54.9	48.3	38.9	28.0	16.7	3.68	0.19	0.01	504	502												
	0.02	0.19	6.02	19.0	30.4	42.8	54.9	63.2	67.2	66.3	61.5	53.4	41.5	29.7	18.2	4.14	0.22	0.01	559	557												
	0.02	0.15	6.48	19.7	31.4	43.8	56.7	66.3	70.6	70.1	65.4	55.5	42.5	30.2	18.6	4.11	0.15	0.01	582	581												
	0.02	0.12	6.35	19.5	31.0	43.1	55.6	64.7	69.4	70.3	65.7	55.5	42.5	30.0	18.4	3.96	0.11	0.01	577	576												
	0.01	0.11	5.64	18.4	29.5	41.0	52.0	60.2	65.0	65.9	61.8	53.5	41.4	28.9	17.5	3.69	0.11	0.01	545	544												
-30	0.01	0.09	4.14	16.4	26.8	37.3	47.3	54.3	57.0	57.2	54.7	48.3	38.0	26.5	15.5	2.90	0.09	0.01	487	485												
-40	0.01	0.07	2.34	13.3	23.1	32.7	41.5	47.6	49.8	49.8	47.8	41.9	33.0	23.0	12.2	2.14	0.07	0.01	421	419												
-50	0.01	0.06	0.77	8.94	18.3	26.9	34.3	39.4	41.6	41.7	39.7	34.6	26.9	18.3	8.63	0.94	0.06	0.01	341	340												
-60	0.01	0.05	0.11	2.87	11.1	19.3	25.7	29.7	31.7	31.7	29.6	25.3	19.0	11.1	3.32	0.17	0.05	0.01	241	239												
-70	0.01	0.04	0.08	0.14	1.18	4.58	8.77	10.4	9.81	9.77	10.3	8.83	4.89	1.52	0.24	0.10	0.04	0.01	70.8	59.0												
-80	0.01	0.03	0.05	0.09	0.16	0.24	0.29	0.27	0.22	0.25	0.33	0.36	0.30	0.20	0.12	0.06	0.03	0.01	2.99	0.00												
-90	0.01	0.03	0.03	0.05	0.08	0.12	0.13	0.11	0.08	0.08	0.11	0.13	0.12	0.08	0.05	0.03	0.02	0.01	1.27	0.00												
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)																20	30	40	50	60	70	80	90
Φ t	0.24	1.43	42.6	168	294	424	546	630	666	666	628	544	422	292	162	32.1	1.56	0.22	5521													
Φ a	0.00	0.00	35.4	166	291	422	543	627	663	663	625	541	419	289	159	22.7	0.00	0.00		5474												

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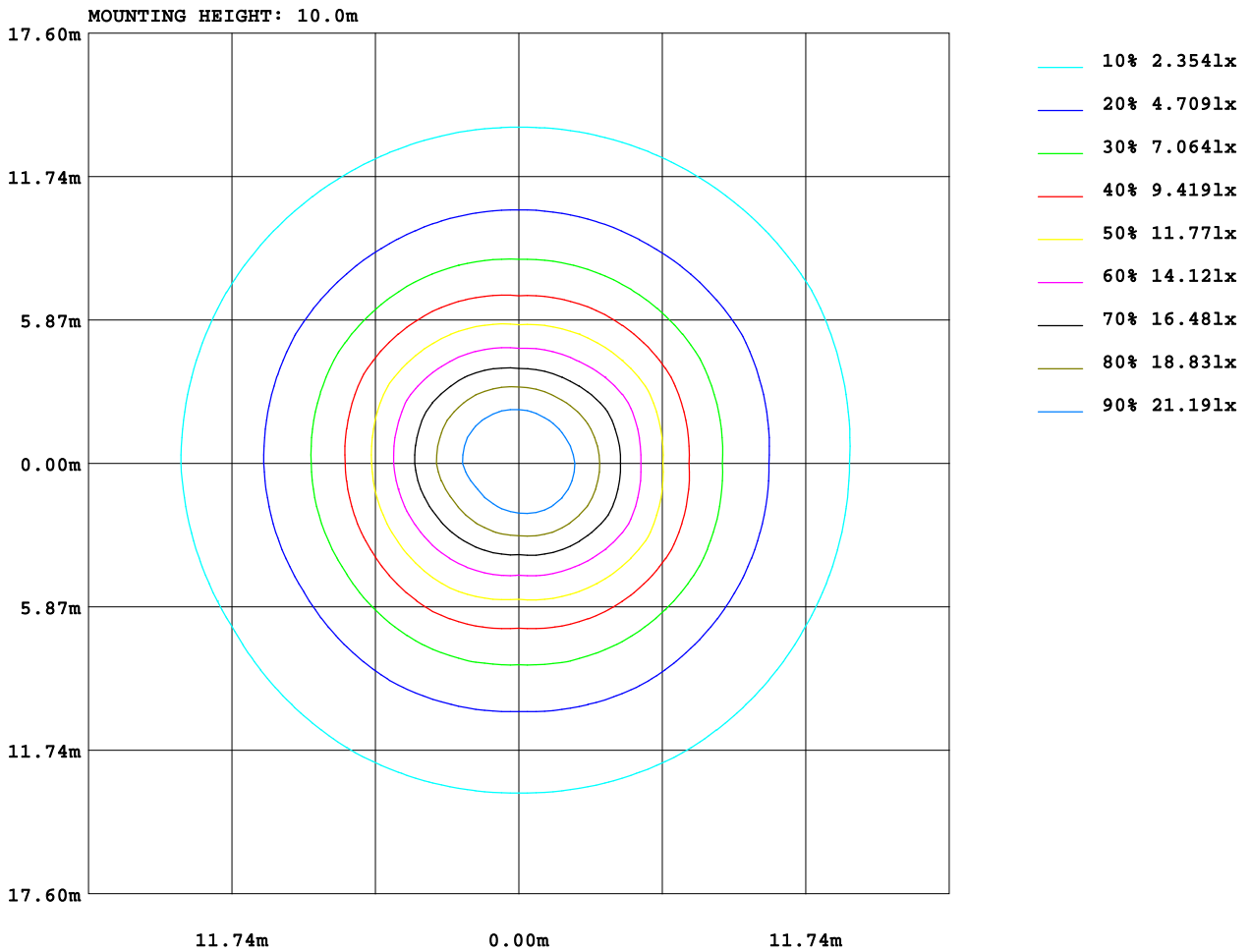
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## ISOLUX DIAGRAM

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