

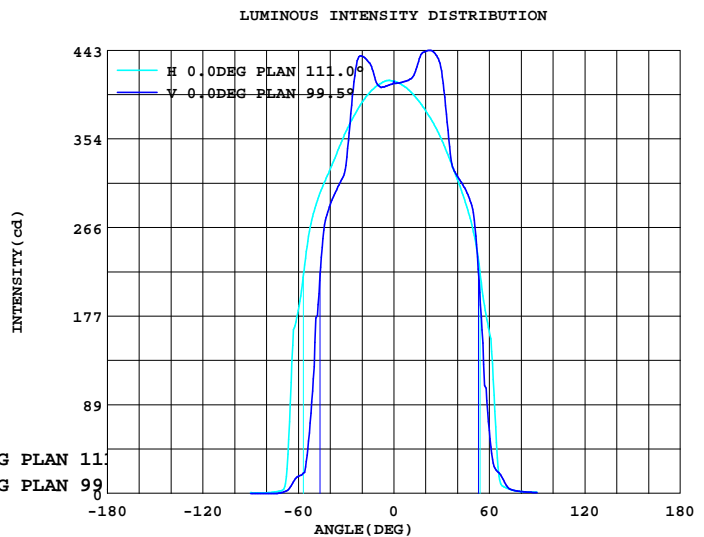
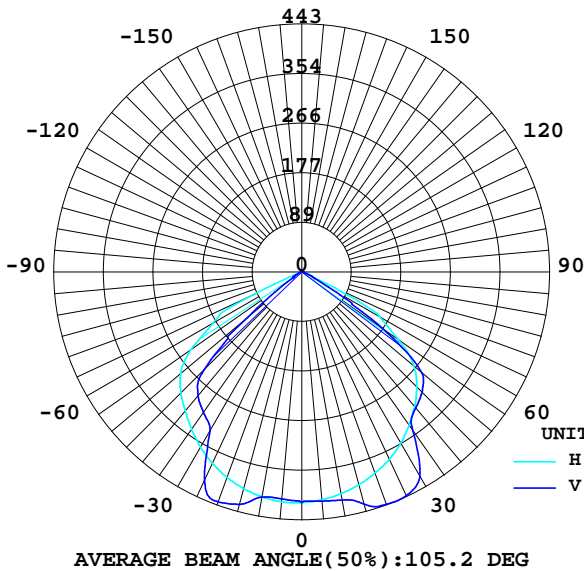
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

MODEL:					
NOMINAL POWER(W):	10	Imax(cd):	442.6	Voltage(V)	219.6
RATED VOLTAGE(V):	220	AVAILABILITY(%):	98.7	Current(A)	0.046
NOMINAL FLUX(lm):	1015	Avai. FLUX(lm):	1002	Power(W)	9.800
TEST FLUX(lm):	1015	EFFICIENCY(%):	100.0	Power Factor(PF)	0.968
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	1015	EFFICIENCY(lm/W)	103.6
Effective Flux(lm) :	1001.7	$\theta$ @50%(H, V):	109.0,99.5DEG	EET:	0.127



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015年03月27日

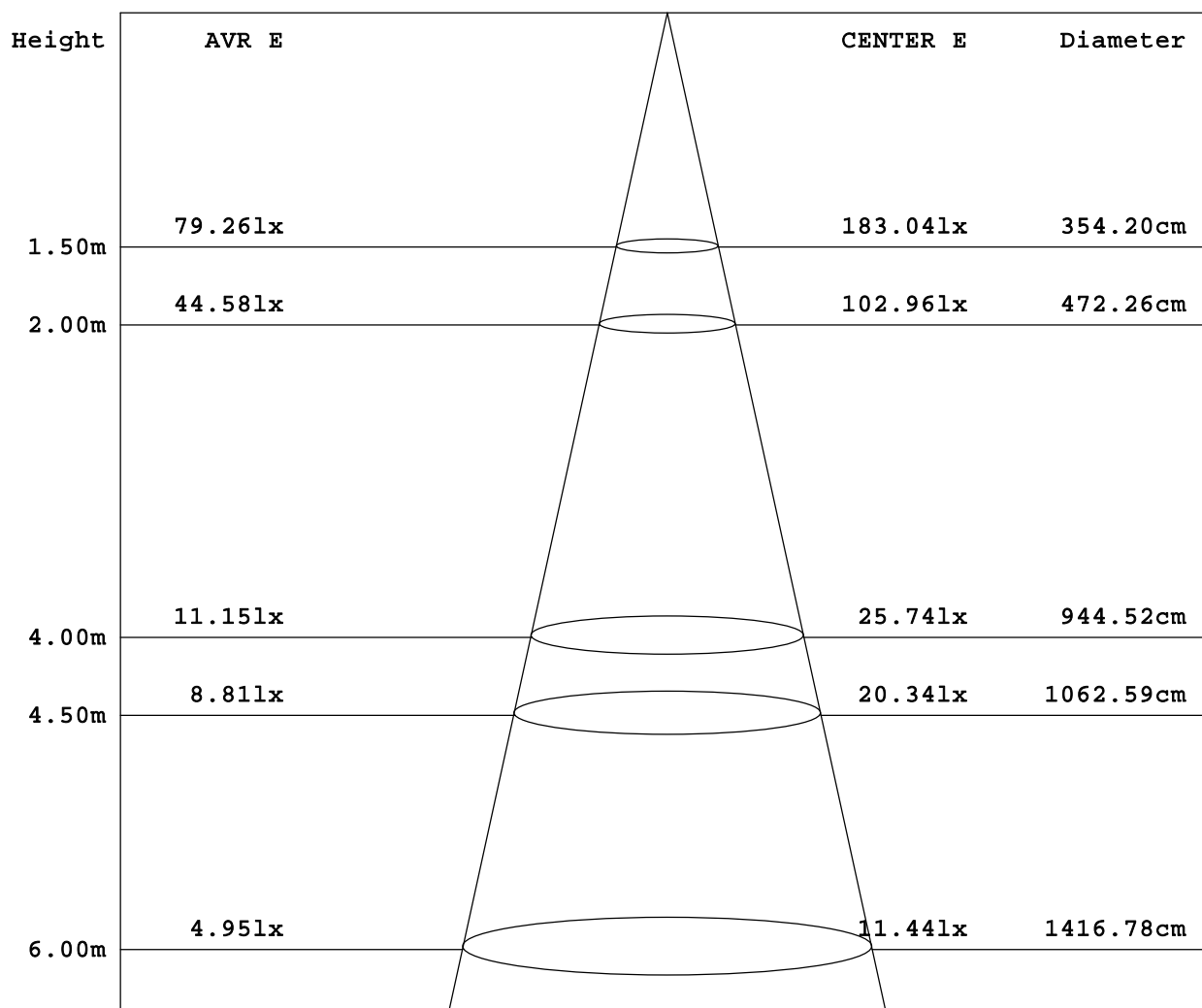
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME:	TYPE:	WEIGHT:
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Angle: 99.5deg

Test System: HOPOO HPG1900  
 Temperature: 25.3DEG  
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 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AREA LUMINOUS FLUX

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME:</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm	Φ t	Φ a	
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	
90	0.00	0.01	0.02	0.02	0.02	0.01	0.00	0.02	0.03	0.03	0.02	0.01	0.01	0.02	0.02	0.02	0.01	0.00	0.26	0.00
80	0.00	0.01	0.02	0.04	0.04	0.03	0.04	0.07	0.10	0.11	0.08	0.05	0.04	0.05	0.04	0.03	0.01	0.00	0.76	0.00
70	0.00	0.01	0.03	0.07	0.28	0.52	0.39	0.66	0.79	0.82	0.72	0.46	0.58	0.35	0.10	0.04	0.01	0.00	5.84	1.64
60	0.00	0.01	0.05	0.73	2.14	2.86	3.97	5.03	5.37	5.40	5.14	4.16	2.94	2.16	0.83	0.07	0.02	0.00	40.9	40.3
50	0.00	0.01	0.20	2.25	4.24	6.16	7.57	8.48	9.07	9.05	8.42	7.51	6.16	4.22	2.19	0.25	0.02	0.00	75.8	75.5
40	0.00	0.01	0.57	3.19	5.79	7.84	8.98	10.1	10.8	10.8	10.1	8.82	7.62	5.68	2.95	0.57	0.03	0.00	93.9	93.7
30	0.00	0.02	0.94	3.79	6.56	8.83	10.4	12.2	13.1	13.0	12.0	10.3	8.54	6.30	3.52	0.77	0.03	0.00	111	110
20	0.00	0.02	1.20	4.11	6.79	8.98	10.7	12.1	12.8	12.8	12.0	10.5	8.73	6.47	3.78	0.91	0.03	0.00	112	112
10	0.00	0.02	1.28	4.20	6.68	8.73	10.5	11.8	12.4	12.3	11.6	10.3	8.51	6.37	3.79	0.91	0.03	0.00	110	110
0	0.00	0.01	1.20	4.08	6.54	8.58	10.3	11.6	12.2	12.2	11.5	10.2	8.45	6.24	3.67	0.83	0.03	0.00	108	108
-10	0.00	0.01	0.95	3.75	6.33	8.50	10.2	11.7	12.7	12.7	11.8	10.3	8.50	6.03	3.44	0.66	0.02	0.00	108	108
-20	0.00	0.01	0.51	3.21	5.73	8.00	9.45	11.1	12.0	12.1	11.1	9.53	7.93	5.45	2.97	0.36	0.02	0.00	99.7	99.4
-30	0.00	0.01	0.11	2.29	4.55	6.72	8.10	8.85	9.36	9.35	8.89	8.13	6.50	4.45	2.11	0.11	0.01	0.00	79.6	79.3
-40	0.00	0.00	0.01	0.75	2.81	4.01	5.75	6.82	7.16	7.16	6.77	5.56	3.87	2.78	0.79	0.03	0.01	0.00	54.3	53.9
-50	0.00	0.00	0.00	0.02	0.62	1.30	1.28	1.75	1.68	1.64	1.64	1.18	1.28	0.70	0.06	0.02	0.01	0.00	13.2	9.86
-60	0.00	0.00	0.00	0.00	0.03	0.12	0.20	0.23	0.24	0.23	0.21	0.18	0.13	0.04	0.01	0.01	0.01	0.00	1.64	0.00
-70	0.00	0.00	0.00	0.00	0.01	0.03	0.04	0.03	0.01	0.01	0.03	0.04	0.03	0.01	0.00	0.00	0.00	0.00	0.27	0.00
-80	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.13	0.00
-90	0.00	0.00	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.00	0.01	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.13	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90
Φ t	0.03	0.16	7.12	32.5	59.2	81.2	98.2	113	120	120	112	97.6	79.9	57.3	30.3	5.59	0.31	0.06	1015	
Φ a	0.00	0.00	6.17	31.9	58.6	80.4	97.2	112	119	119	111	96.5	78.9	56.7	29.6	4.36	0.00	0.00		1002

Test System:HOPOO HPG1900  
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 Operators:  
 Test Date:2015年03月27日

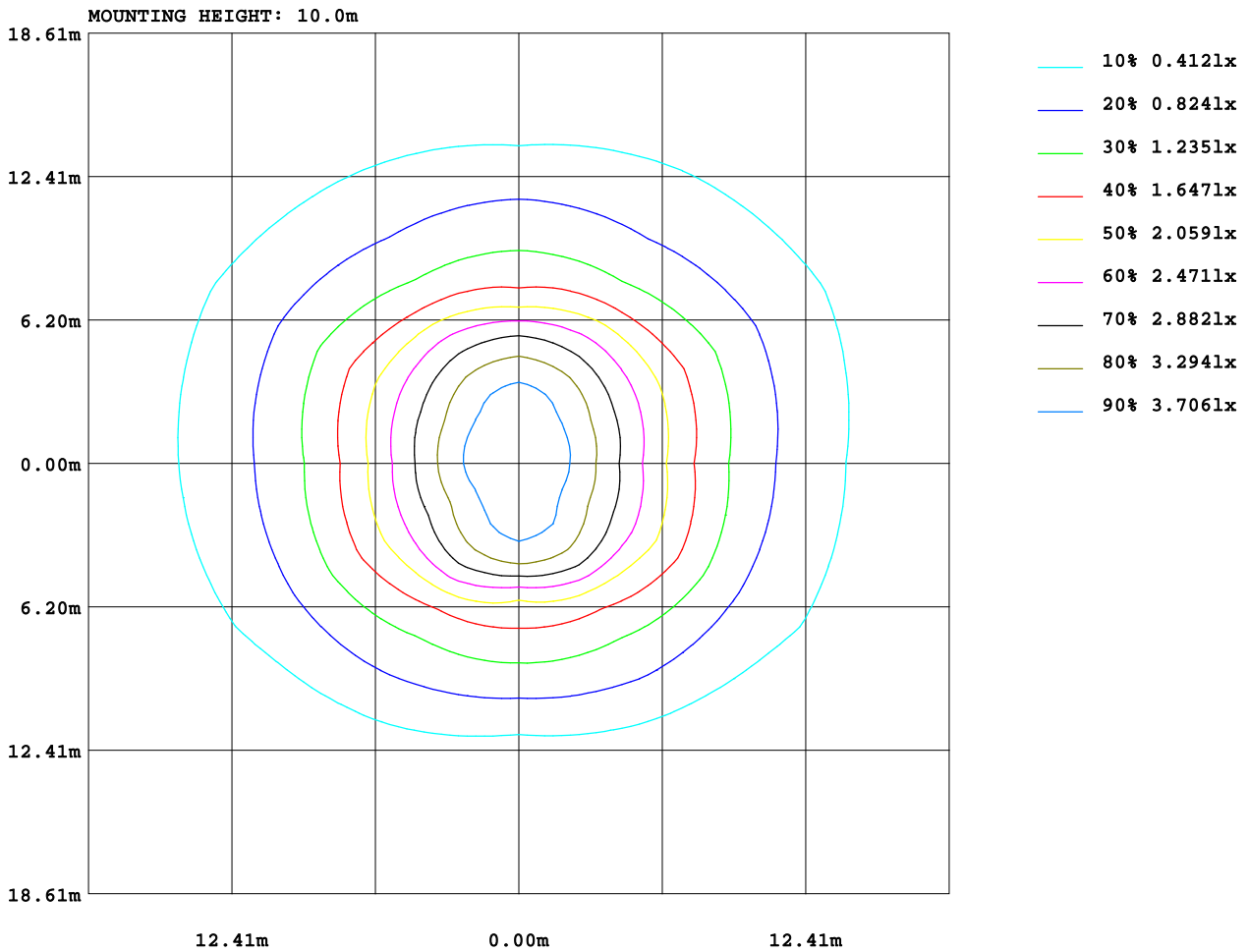
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 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

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## ISOLUX DIAGRAM

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