

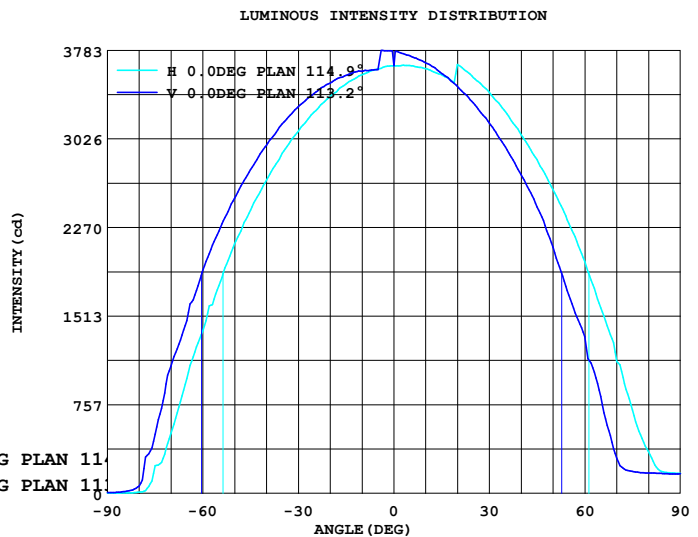
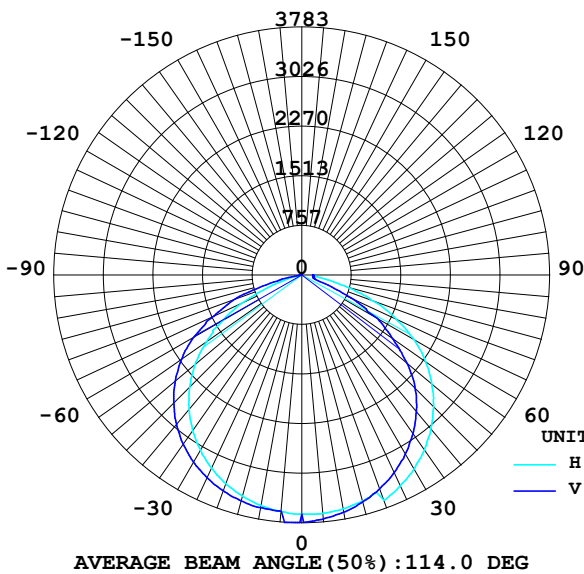
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: SAMPLE 1

MANUFACTURER: Ledino	Address:	
NAME: Buckow 100	TYPE:	WEIGHT:
SPECIFICATION:100W	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	98	Imax (cd):	3799	Voltage(V)	230.0
RATED VOLTAGE(V):	230	AVAILABILITY(%):	96.2	Current(A)	0.430
NOMINAL FLUX(lm):	10641	Avai. FLUX(lm):	10232	Power(W)	98.57
TEST FLUX(lm):	10641	EFFICIENCY(%):	100.0	Power Factor(PF)	0.995
LAMPS QUANTITY:	1	TOTAL FLUX(lm):	10641	EFFICIENCY(lm/W)	108.0
Effective Flux(lm):	10232.3	$\theta$ @50%(H, V):	114.8,113.0DEG	EEL:	0.131



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年04月02日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.150 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

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## Color Temperature Data List

Report number: SAMPLE 1

MANUFACTURER:	Address:	
NAME: YT-NP-FL16 100W	TYPE:	WEIGHT:
SPECIFICATION:100W	DIMENSION:	SERIAL No.:

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Test System:HOPOO HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年04月02日

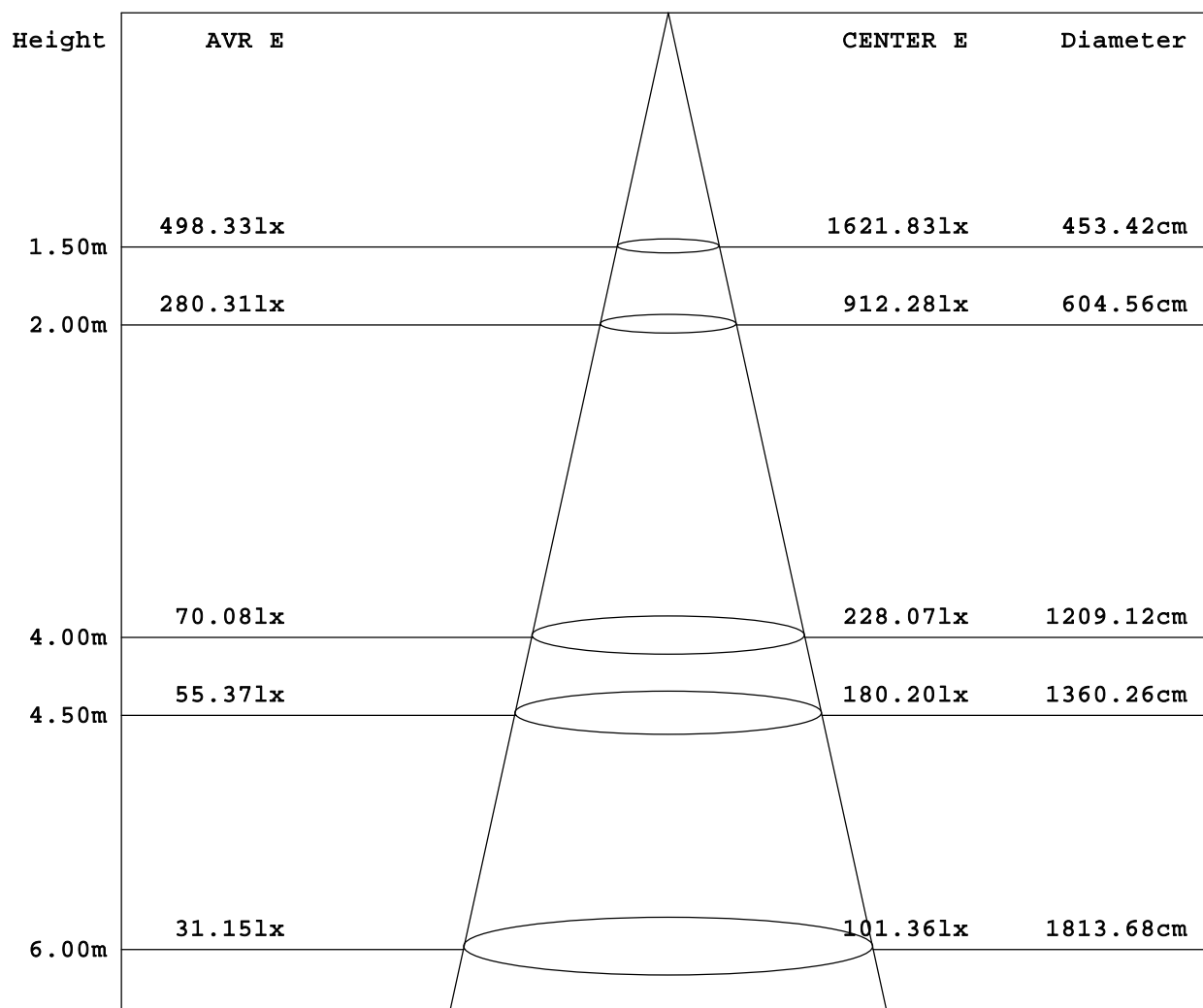
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Humidity:65.0%  
Test Distance:8.150 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AVERAGE AND CENTER E Figure

Report number: SAMPLE 1

MANUFACTURER:	Address:	
NAME: YT-NP-FL16 100W	TYPE:	WEIGHT:
SPECIFICATION:100W	DIMENSION:	SERIAL No.:



Angle:113.0deg

Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年04月02日

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:8.150 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AREA LUMINOUS FLUX

Report number: SAMPLE 1

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: YT-NP-FL16 100W</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:100W</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

VERTICAL (DEG)	AREA FLUX DIAGRAM																UNIT:lm		$\Phi t$	$\Phi a$	
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90		
90	0.10	0.69	1.81	2.44	1.83	0.77	0.84	2.52	4.28	4.28	2.52	0.85	0.78	1.84	2.44	2.16	1.33	0.45	31.9	0.00	
80	0.10	0.67	1.81	2.65	2.38	1.49	1.37	3.50	5.30	5.48	4.02	1.98	1.83	2.69	2.79	2.28	1.36	0.45	42.2	0.00	
70	0.09	0.66	1.96	4.74	7.44	10.7	15.1	20.5	23.7	24.1	21.7	17.3	13.1	9.03	5.72	3.20	1.49	0.46	181	145	
60	0.09	0.64	3.30	10.5	19.6	28.5	36.5	44.9	50.5	50.7	45.7	37.7	30.3	21.7	12.6	5.66	1.94	0.47	402	394	
50	0.08	0.76	5.65	17.5	31.2	44.2	55.0	65.1	72.3	72.4	65.5	55.9	45.6	33.1	20.5	9.26	2.69	0.48	598	593	
40	0.07	1.12	8.30	23.1	41.1	57.0	69.6	79.3	87.5	87.5	79.4	69.9	57.9	43.0	27.1	13.0	3.62	0.51	750	747	
30	0.05	1.44	10.5	27.4	47.3	66.4	80.8	90.1	98.3	98.3	90.1	81.0	67.3	50.5	32.6	16.1	4.55	0.54	864	862	
20	0.04	1.69	12.1	30.1	50.9	71.2	88.8	99.4	105	105	99.1	89.6	74.5	56.1	36.7	18.5	5.35	0.58	945	943	
10	0.02	1.78	12.8	31.1	52.1	72.5	90.4	104	110	110	105	95.7	79.4	59.9	39.4	20.1	5.89	0.61	992	990	
0	0.02	1.86	13.0	31.5	52.4	72.5	89.8	102	109	110	105	96.0	79.9	60.4	39.9	20.4	6.00	0.61	991	989	
-10	0.02	1.90	12.9	31.2	51.8	71.6	88.8	102	108	109	104	91.6	76.3	57.8	38.1	19.4	5.65	0.58	971	969	
-20	0.02	1.73	11.8	29.4	49.3	68.7	86.2	100	104	105	102	88.3	71.4	53.5	35.0	17.7	4.99	0.53	930	928	
-30	0.02	1.39	10.0	26.3	44.9	63.6	80.5	92.4	96.0	96.4	93.7	82.4	65.9	47.8	30.8	15.1	4.08	0.48	852	850	
-40	0.02	0.91	7.64	21.6	38.5	55.7	71.3	80.6	84.0	84.4	81.8	73.0	57.8	41.1	25.3	11.8	3.03	0.43	739	736	
-50	0.01	0.54	4.72	15.5	29.5	44.7	58.0	65.1	67.9	68.3	66.1	59.4	46.5	31.9	18.4	7.89	2.04	0.40	588	583	
-60	0.01	0.19	2.24	8.29	18.3	29.5	39.4	44.2	45.7	45.8	44.5	39.9	30.9	20.4	10.5	4.07	1.22	0.37	386	377	
-70	0.01	0.05	0.42	2.57	6.81	12.9	17.6	18.4	17.6	17.6	18.4	17.3	13.0	7.60	3.54	1.40	0.78	0.36	157	126	
-80	0.01	0.03	0.06	0.63	2.05	3.90	4.48	3.19	1.51	1.49	3.15	4.47	4.02	2.25	0.75	0.45	0.68	0.36	33.5	0.00	
-90	0.01	0.03	0.06	0.63	2.05	3.90	4.48	3.19	1.51	1.49	3.15	4.47	4.02	2.25	0.75	0.45	0.68	0.36	33.5	0.00	
	$\Phi t$	0.77	18.0	121	317	548	777	975	1118	1192	1196	1132	1003	817	601	383	189	56.7	8.65	10641	
	$\Phi a$	0.00	3.64	106	303	535	766	964	1106	1177	1182	1120	992	806	589	369	175	40.3	0.00		10232

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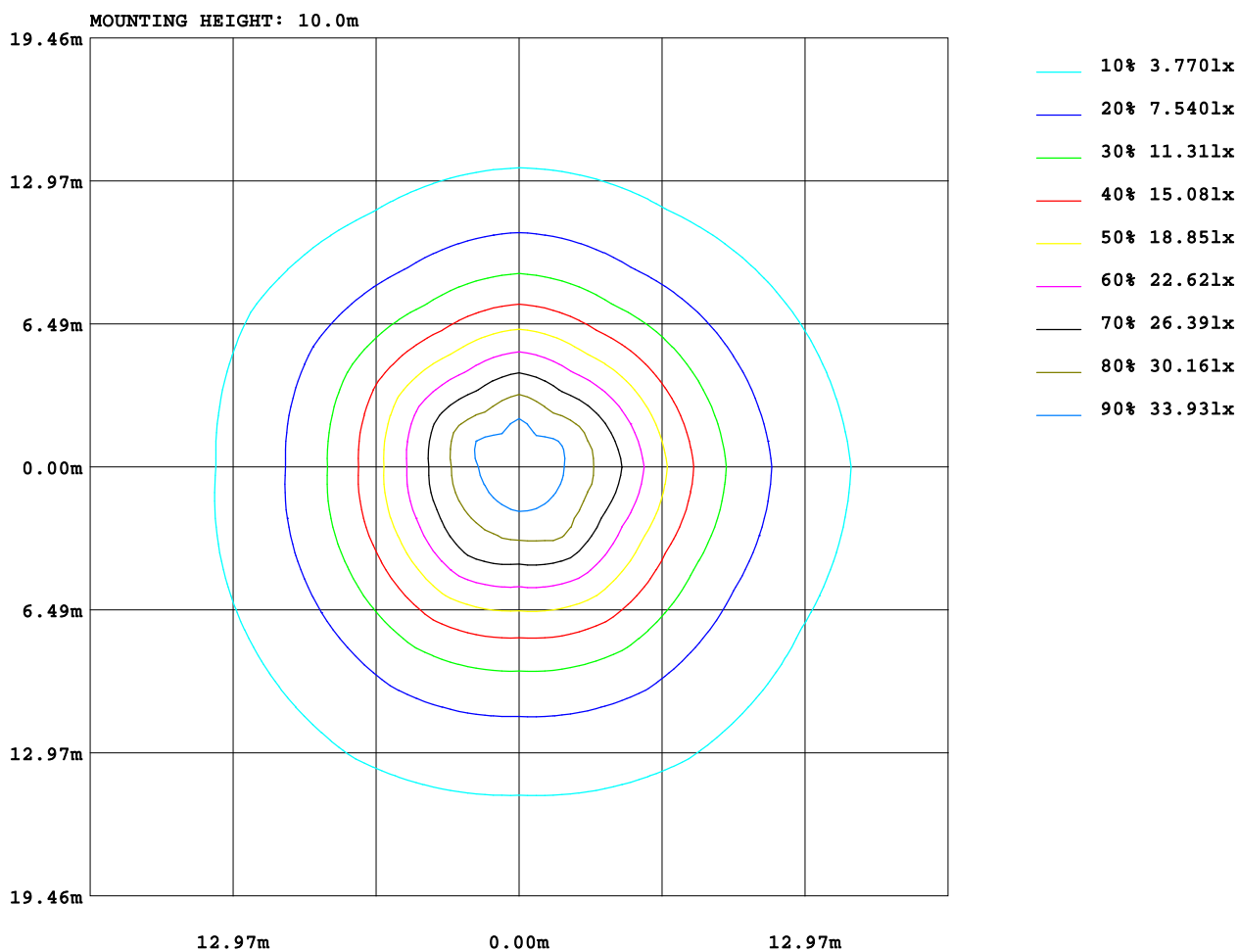
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 Humidity:65.0%  
 Test Distance:8.150 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ISOLUX DIAGRAM

Report number: SAMPLE 1

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: YT-NP-FL16 100W</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:100W</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>



Test System:HOPOO HPG1900  
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