

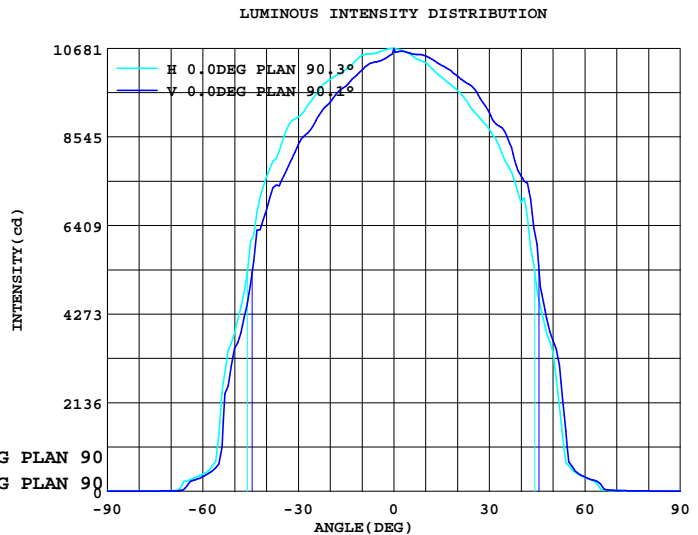
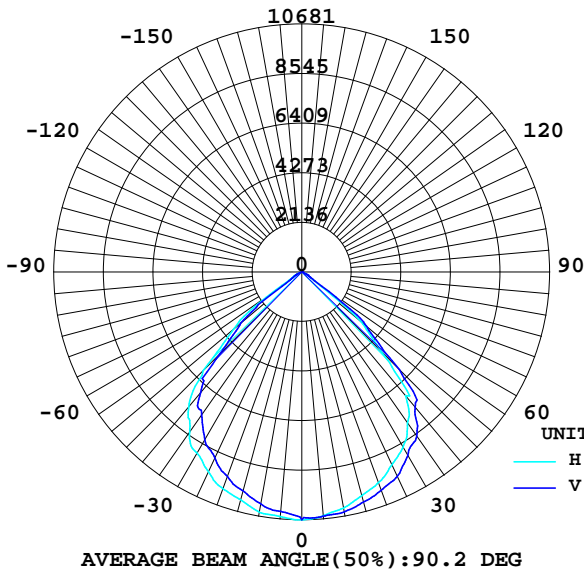
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

MODEL:					
NOMINAL POWER(W):	304	Imax(cd):	10681	Voltage(V)	219.1
RATED VOLTAGE(V):	220	AVAILABILITY(%):	97.6	Current(A)	1.387
NOMINAL FLUX(lm):	28675	Avai. FLUX(lm):	28224	Power(W)	303.5
TEST FLUX(lm):	28675	EFFICIENCY(%):	100.0	Power Factor(PF)	0.978
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	28675	EFFICIENCY(lm/W)	94.8
Effective Flux(lm) :	28224.3	⊙ @50%(H, V):	90.3,90.1DEG	EEL:	0.152



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015年05月09日

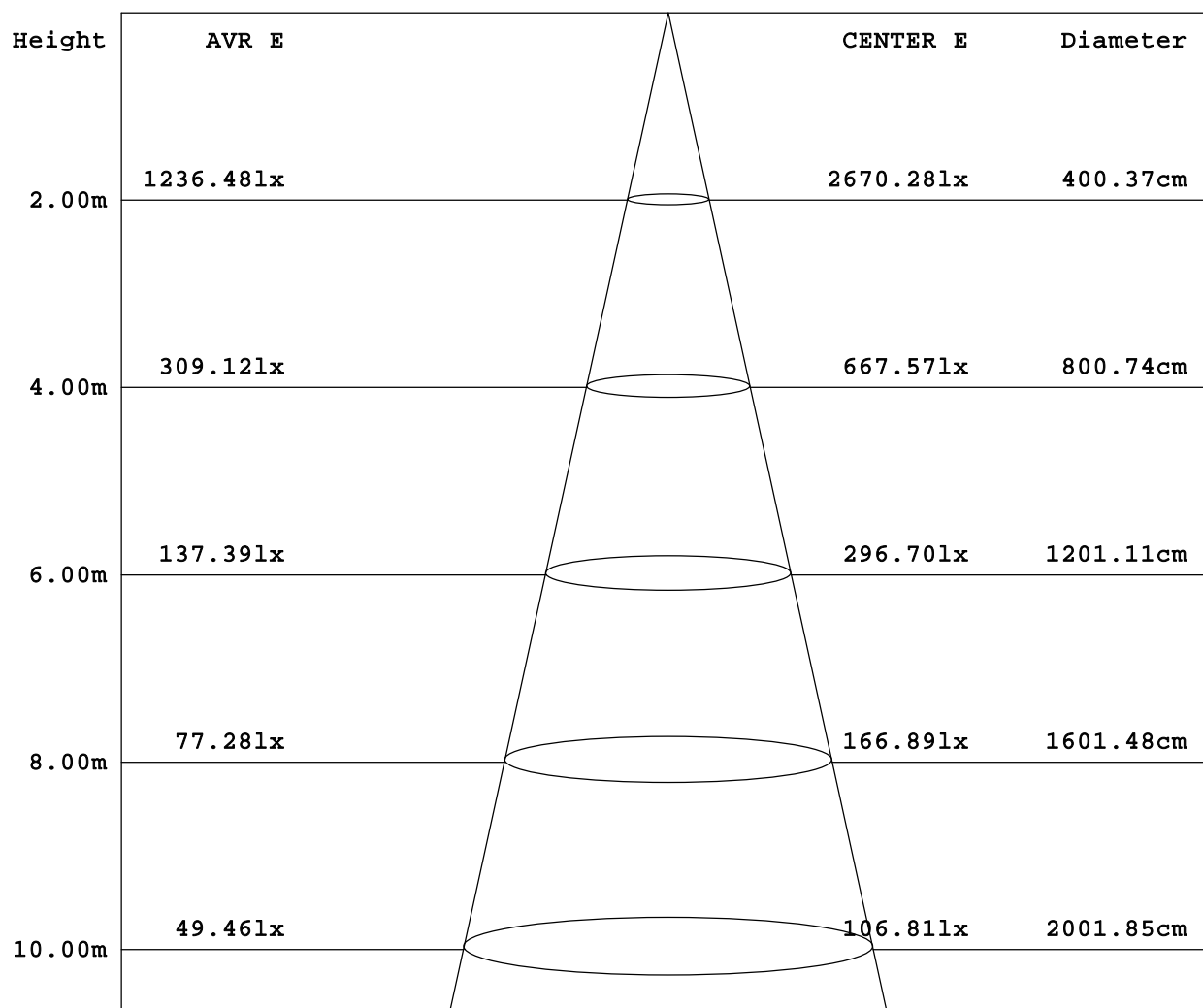
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
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Angle: 90.1deg

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# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## 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
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	
90	0.01	0.04	0.07	0.09	0.10	0.10	0.11	0.15	0.18	0.18	0.15	0.12	0.11	0.11	0.10	0.07	0.04	0.01	1.72	0.00
80	0.01	0.04	0.07	0.11	0.14	0.17	0.21	0.30	0.37	0.38	0.31	0.23	0.18	0.16	0.12	0.08	0.04	0.01	2.93	0.00
70	0.01	0.04	0.09	0.19	0.30	0.75	2.41	3.94	4.76	4.71	3.83	2.34	0.80	0.33	0.21	0.10	0.04	0.01	24.9	0.00
60	0.01	0.04	0.13	0.38	3.05	7.75	13.6	29.6	42.6	42.5	29.2	13.2	7.32	2.95	0.43	0.15	0.05	0.01	193	110
50	0.01	0.05	0.19	2.71	9.06	39.3	94.6	140	169	169	142	95.2	39.2	8.69	2.48	0.21	0.06	0.01	912	872
40	0.01	0.06	0.55	6.04	36.1	111	184	232	254	255	233	187	113	35.8	5.31	0.42	0.07	0.01	1654	1627
30	0.01	0.07	1.58	10.7	78.7	168	232	270	290	291	270	231	171	75.1	8.77	1.02	0.08	0.01	2098	2079
20	0.01	0.07	2.39	22.8	107	198	252	291	310	309	289	251	193	101	15.9	1.59	0.09	0.01	2346	2329
10	0.01	0.07	2.84	31.3	123	208	261	300	319	319	296	255	199	111	20.2	1.83	0.09	0.01	2449	2432
0	0.01	0.07	2.75	30.0	120	205	257	294	315	312	290	251	196	109	19.1	1.79	0.09	0.01	2402	2386
-10	0.01	0.06	2.16	19.9	99.2	187	241	278	297	294	274	237	183	93.1	13.4	1.46	0.08	0.01	2221	2204
-20	0.01	0.06	1.23	9.09	65.9	149	214	252	269	268	249	213	152	63.5	7.67	0.80	0.07	0.01	1913	1893
-30	0.01	0.05	0.37	4.81	24.2	94.6	164	209	228	228	209	168	98.9	25.6	4.78	0.23	0.05	0.01	1461	1434
-40	0.01	0.04	0.12	1.42	7.30	28.2	81.0	126	151	152	130	84.5	30.4	8.09	1.65	0.14	0.04	0.01	801	759
-50	0.01	0.03	0.07	0.18	1.62	6.43	12.0	24.7	37.8	38.3	25.8	13.1	7.36	2.11	0.20	0.08	0.03	0.01	170	84.0
-60	0.01	0.02	0.04	0.09	0.22	0.45	1.62	3.31	4.34	4.47	3.66	2.04	0.54	0.23	0.10	0.05	0.02	0.01	21.2	0.00
-70	0.01	0.02	0.02	0.04	0.09	0.17	0.23	0.23	0.22	0.22	0.24	0.24	0.18	0.10	0.05	0.02	0.02	0.01	2.10	0.00
-80	0.01	0.02	0.02	0.02	0.05	0.07	0.08	0.07	0.05	0.05	0.07	0.09	0.08	0.05	0.03	0.02	0.02	0.01	0.81	0.00
-90	0.01	0.02	0.02	0.02	0.05	0.07	0.08	0.07	0.05	0.05	0.07	0.09	0.08	0.05	0.03	0.02	0.02	0.01	0.81	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.19	0.85	14.7	140	676	1403	2012	2455	2692	2688	2446	2003	1392	637	101	10.0	0.95	0.17	18675	
Φ a	0.00	0.00	0.00	87.0	637	1370	1981	2426	2663	2659	2416	1972	1359	597	44.1	0.00	0.00	0.00		18224

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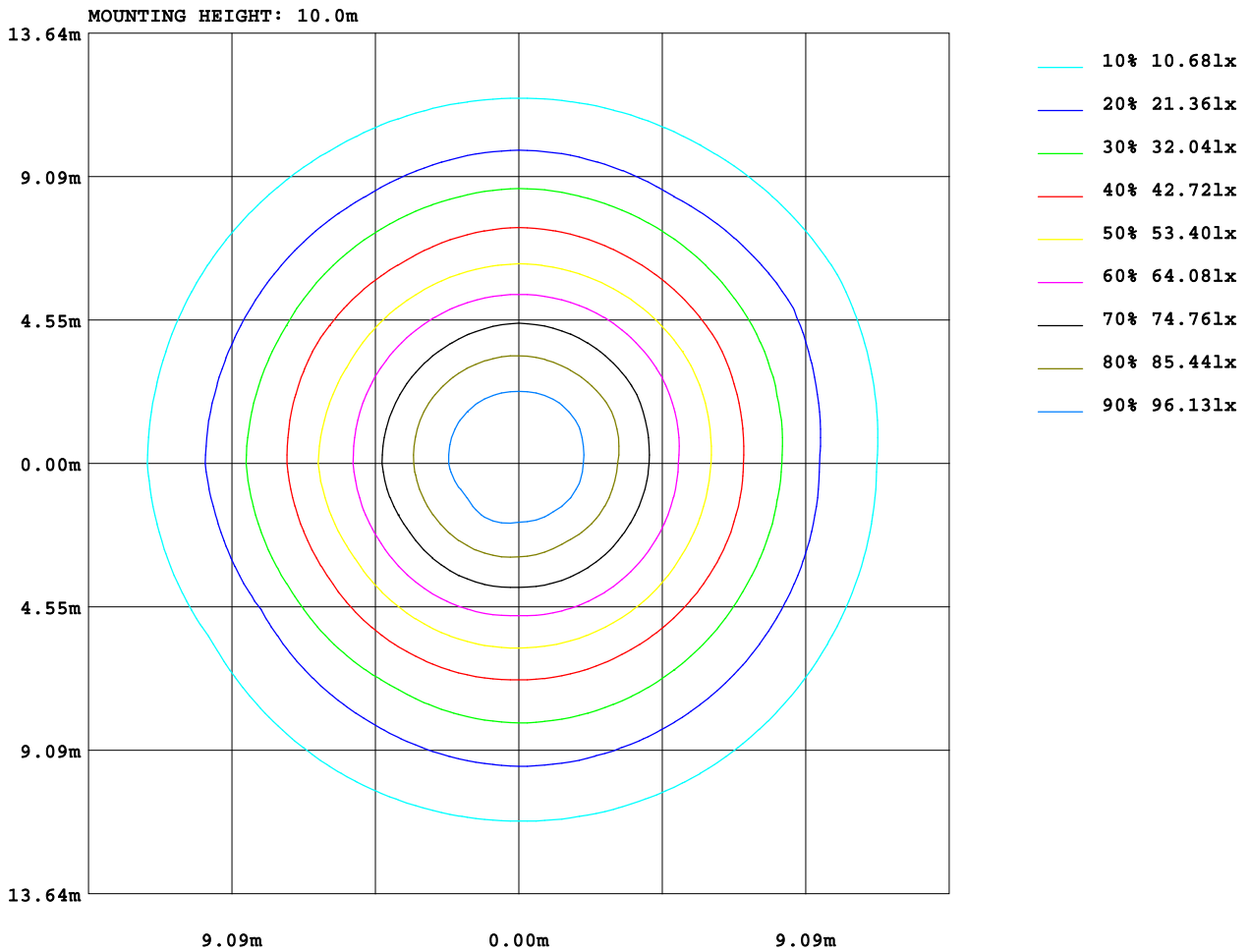
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## ISOLUX DIAGRAM

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



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