

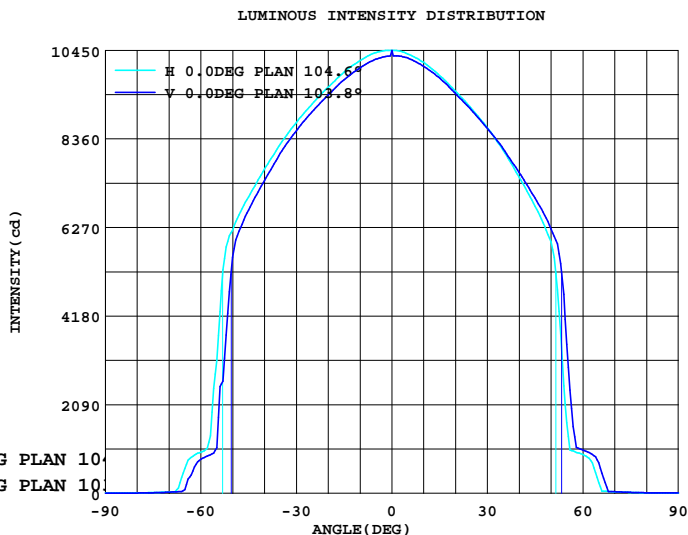
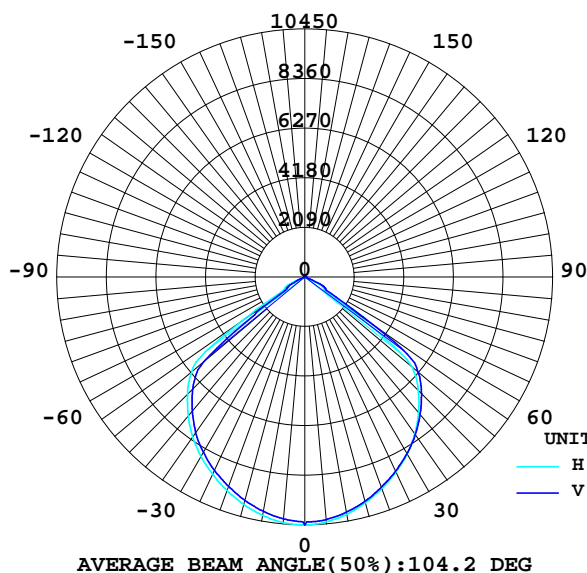
# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## LUMINAIRE PHOTOMETRIC TEST REPORT

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>

MODEL:					
NOMINAL POWER(W):	210	Imax(cd):	10450	Voltage(V)	219.1
RATED VOLTAGE(V):	220	AVAILABILITY(%):	96.6	Current(A)	0.982
NOMINAL FLUX(lm):	21091	Avai. FLUX(lm):	20384	Power(W)	210.1
TEST FLUX(lm):	21091	EFFICIENCY(%):	100.0	Power Factor(PF)	0.976
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	21091	EFFICIENCY(lm/W)	100.4
Effective Flux(lm) :	20383.6	$\theta$ @50%(H, V):	104.6,103.8DEG	EEL:	0.140



Test System:HOPOO HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2015年03月11日

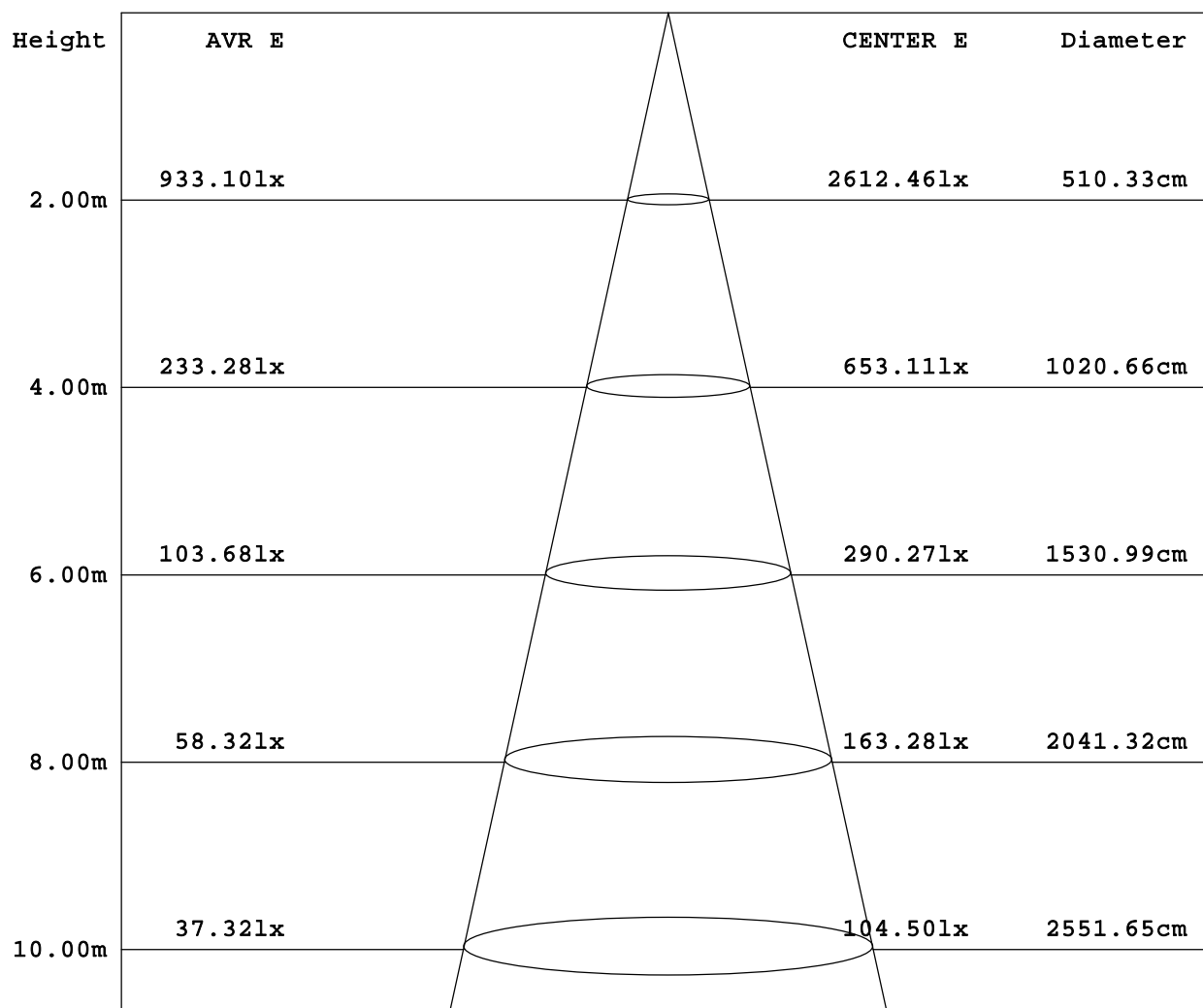
Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
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Angle:103.8deg

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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		
	0.02	0.07	0.12	0.16	0.19	0.20	0.23	0.28	0.32	0.32	0.29	0.24	0.22	0.20	0.18	0.12	0.06	0.02	3.25	0.00		
90	0.02	0.07	0.12	0.16	0.19	0.20	0.23	0.28	0.32	0.32	0.29	0.24	0.22	0.20	0.18	0.12	0.06	0.02	3.25	0.00		
80	0.02	0.07	0.13	0.20	0.27	0.34	0.44	0.58	0.70	0.71	0.62	0.50	0.40	0.33	0.25	0.15	0.07	0.02	5.79	0.00		
70	0.02	0.08	0.17	0.33	0.54	1.64	6.18	11.9	16.2	17.3	14.7	9.95	3.94	0.75	0.42	0.21	0.08	0.02	84.6	0.00		
60	0.02	0.09	0.24	0.60	5.97	16.7	33.1	71.0	100	105	85.9	50.5	23.8	12.0	1.57	0.30	0.10	0.02	508	396		
50	0.02	0.10	0.34	4.91	17.9	72.6	154	192	208	209	195	165	103	29.5	9.60	0.46	0.12	0.02	1362	1310		
40	0.02	0.12	0.91	12.4	61.3	156	198	227	244	245	230	202	162	90.7	16.0	1.69	0.14	0.02	1847	1813		
30	0.02	0.14	3.27	22.2	120	179	222	253	271	273	257	226	183	127	28.9	3.60	0.16	0.02	2171	2146		
	0.02	0.15	5.50	43.5	142	194	239	274	294	295	277	242	196	141	42.5	5.01	0.17	0.02	2390	2370		
	0.02	0.16	6.78	58.4	149	203	250	287	309	309	288	250	201	145	47.8	5.47	0.18	0.02	2510	2491		
	0.02	0.15	6.62	56.5	148	202	249	285	307	309	287	249	200	144	45.1	5.18	0.18	0.02	2496	2474		
	0.02	0.14	5.00	39.1	137	191	236	271	292	295	276	241	193	137	34.1	4.14	0.16	0.02	2351	2328		
-30	0.02	0.12	2.58	19.8	105	173	217	251	270	272	257	224	178	114	19.3	2.21	0.14	0.02	2105	2078		
-40	0.02	0.10	0.69	10.5	42.1	142	191	222	240	242	227	197	152	58.7	11.7	0.62	0.12	0.02	1737	1701		
-50	0.02	0.08	0.25	2.43	14.9	47.0	125	178	198	200	184	140	63.4	18.1	4.35	0.33	0.10	0.02	1177	1120		
-60	0.02	0.06	0.16	0.37	2.56	12.3	22.2	41.1	60.6	63.4	47.4	26.3	15.5	4.98	0.56	0.22	0.07	0.02	298	166		
-70	0.02	0.05	0.10	0.19	0.41	0.76	2.30	5.62	7.97	8.41	6.83	3.61	1.11	0.56	0.29	0.13	0.05	0.01	38.4	0.00		
-80	0.02	0.05	0.06	0.09	0.18	0.30	0.40	0.46	0.47	0.50	0.52	0.49	0.38	0.25	0.14	0.07	0.04	0.01	4.42	0.00		
-90	0.02	0.05	0.06	0.08	0.11	0.15	0.17	0.17	0.15	0.16	0.17	0.18	0.16	0.11	0.07	0.05	0.04	0.02	1.91	0.00		
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)				20	30	40	50	60	70	80	90		
Φ t	0.40	1.77	32.9	272	947	1591	2146	2571	2820	2845	2634	2228	1678	1026	263	30.0	1.98	0.33	21091			
Φ a	0.00	0.00	0.00	204	894	1543	2100	2526	2775	2801	2589	2182	1629	970	180	0.00	0.00	0.00		20384		

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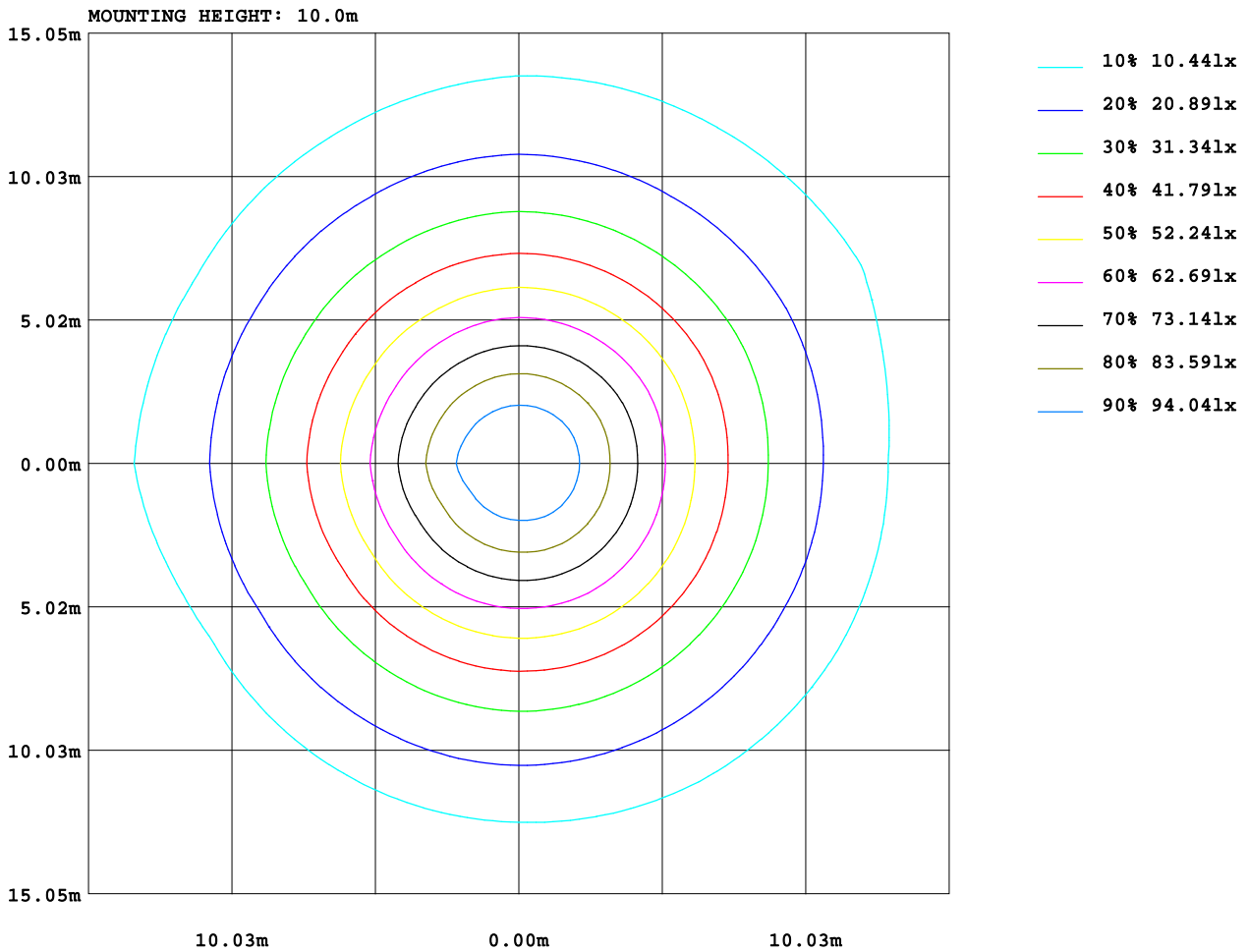
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## ISOLUX DIAGRAM

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