

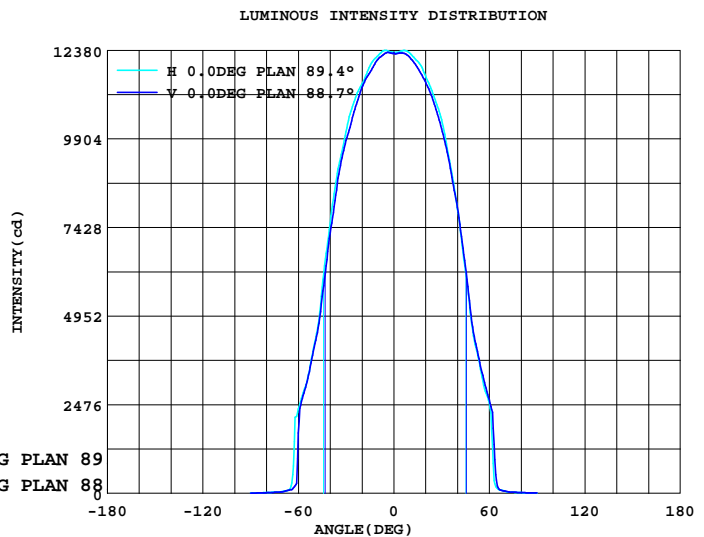
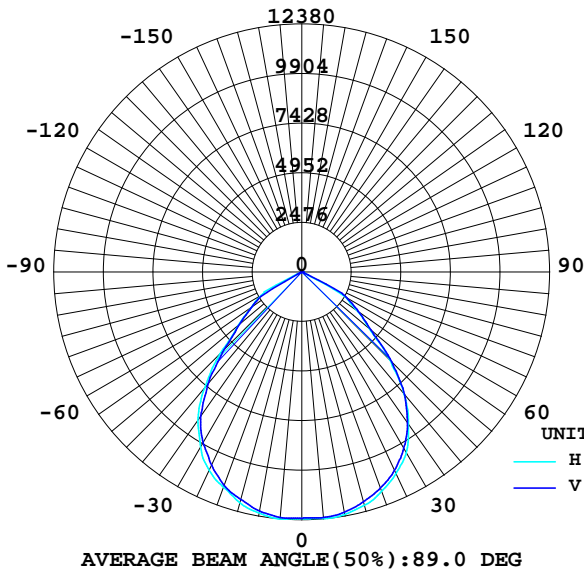
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

MODEL:					
NOMINAL POWER(W):	406	Imax(cd):	12397	Voltage(V)	219.6
RATED VOLTAGE(V):	220	AVAILABILITY(%):	99.1	Current(A)	1.847
NOMINAL FLUX(lm):	39664	Avai. FLUX(lm):	39295	Power(W)	406.0
TEST FLUX(lm):	39664	EFFICIENCY(%):	100.0	Power Factor(PF)	0.981
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	39664	EFFICIENCY(lm/W)	97.9
Effective Flux(lm) :	39295.3	θ @50%(H, V):	88.4,86.5DEG	EEl:	0.237



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2014年10月27日

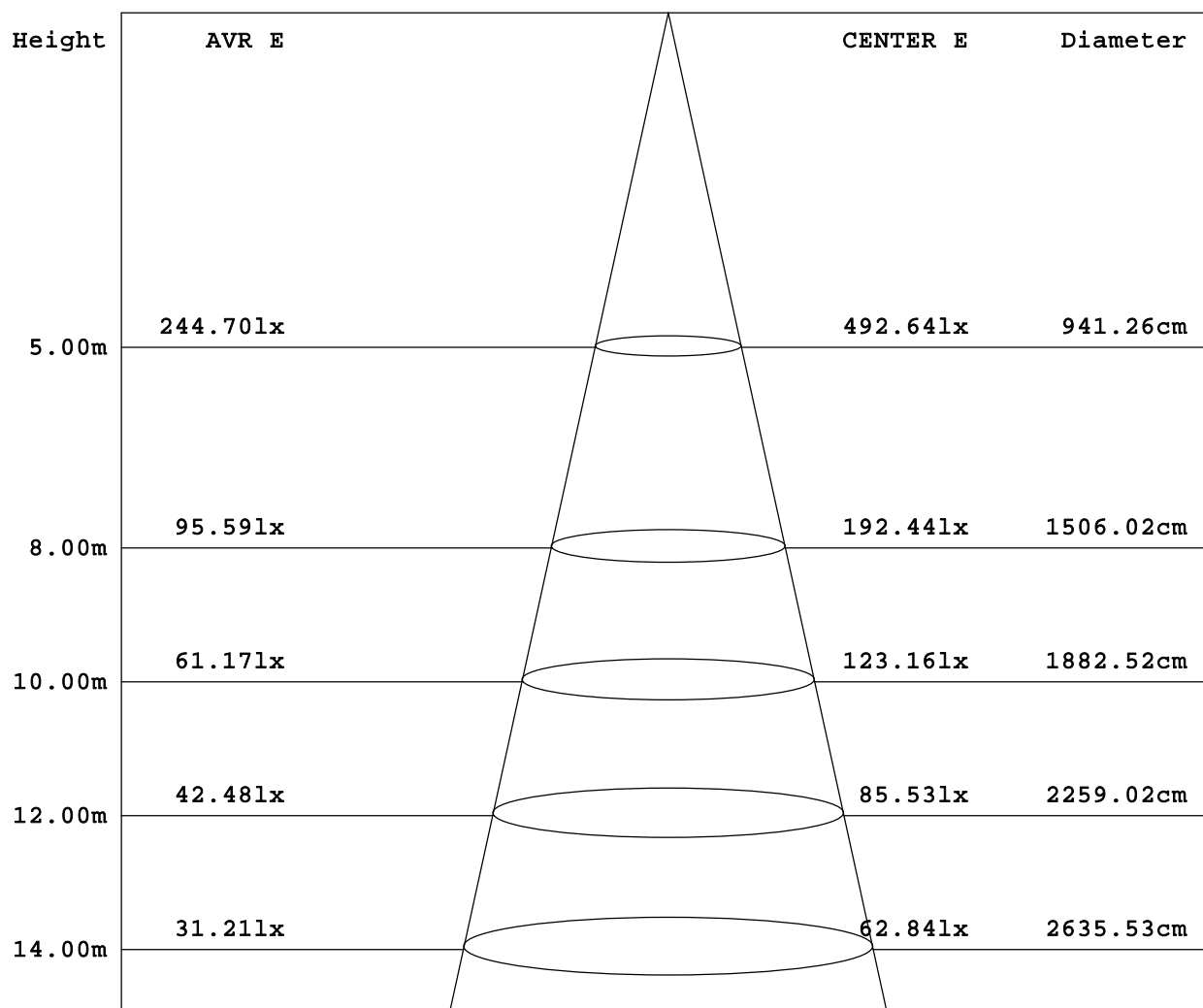
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
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Angle: 86.5deg

Test System: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2014年10月27日

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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
	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	
90	0.03	0.09	0.16	0.24	0.32	0.39	0.43	0.46	0.47	0.48	0.48	0.46	0.42	0.36	0.25	0.16	0.08	0.02	5.31	0.00
80	0.03	0.11	0.22	0.38	0.56	0.71	0.84	0.96	1.02	1.05	1.02	0.90	0.76	0.60	0.40	0.23	0.10	0.02	9.93	0.00
70	0.03	0.13	0.31	0.55	1.00	1.89	4.84	15.3	23.9	26.1	21.2	9.84	2.59	1.27	0.59	0.31	0.13	0.03	110	70.3
60	0.04	0.16	0.39	1.01	5.89	37.3	73.9	94.6	105	107	101	85.9	57.0	14.4	1.31	0.41	0.15	0.03	685	666
50	0.04	0.19	0.55	5.01	48.5	87.1	122	160	186	190	172	138	99.0	61.3	9.52	0.64	0.18	0.03	1279	1269
40	0.04	0.21	0.85	26.6	73.3	123	191	250	276	279	260	213	144	82.4	33.1	1.08	0.20	0.03	1955	1947
30	0.04	0.23	2.00	44.7	91.7	171	260	309	330	332	315	270	191	105	49.1	2.91	0.23	0.04	2473	2467
	0.04	0.24	6.44	52.3	111	209	289	338	361	361	342	297	220	124	57.3	6.34	0.24	0.04	2775	2770
	0.04	0.25	9.44	55.2	123	223	300	351	374	372	353	306	231	134	59.9	8.46	0.25	0.04	2899	2894
	0.04	0.25	9.00	54.3	121	219	297	346	371	373	353	305	229	132	59.3	7.88	0.25	0.04	2878	2873
	0.04	0.23	5.64	49.0	106	197	281	327	354	358	341	292	214	118	55.3	4.65	0.23	0.04	2704	2698
-30	0.04	0.21	1.69	37.8	85.2	155	236	296	320	324	307	258	178	97.0	44.5	1.53	0.21	0.03	2342	2336
-40	0.04	0.19	0.66	17.5	64.9	108	167	225	259	264	243	193	127	75.6	24.3	0.81	0.18	0.03	1770	1758
-50	0.04	0.16	0.43	2.82	27.3	72.8	106	139	162	167	150	120	87.7	46.2	3.55	0.47	0.15	0.03	1086	1069
-60	0.03	0.14	0.32	0.64	2.02	12.8	45.1	73.7	89.9	93.0	84.4	63.4	31.4	4.02	0.80	0.31	0.13	0.03	502	476
-70	0.03	0.11	0.23	0.39	0.58	1.00	1.76	2.78	5.00	6.43	4.69	2.41	1.33	0.67	0.40	0.22	0.10	0.02	28.1	0.00
-80	0.03	0.08	0.15	0.23	0.32	0.45	0.60	0.72	0.81	0.82	0.73	0.61	0.47	0.34	0.24	0.15	0.07	0.02	6.84	0.00
-90	0.03	0.07	0.11	0.13	0.14	0.19	0.24	0.29	0.33	0.33	0.30	0.25	0.20	0.16	0.12	0.09	0.06	0.02	3.05	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.65	3.05	38.6	349	863	1621	2375	2930	3219	3254	3049	2556	1815	997	400	36.6	2.93	0.53	23514	
Φ a	0.00	0.00	22.4	329	846	1607	2362	2917	3207	3239	3036	2543	1803	983	382	17.6	0.00	0.00		23295

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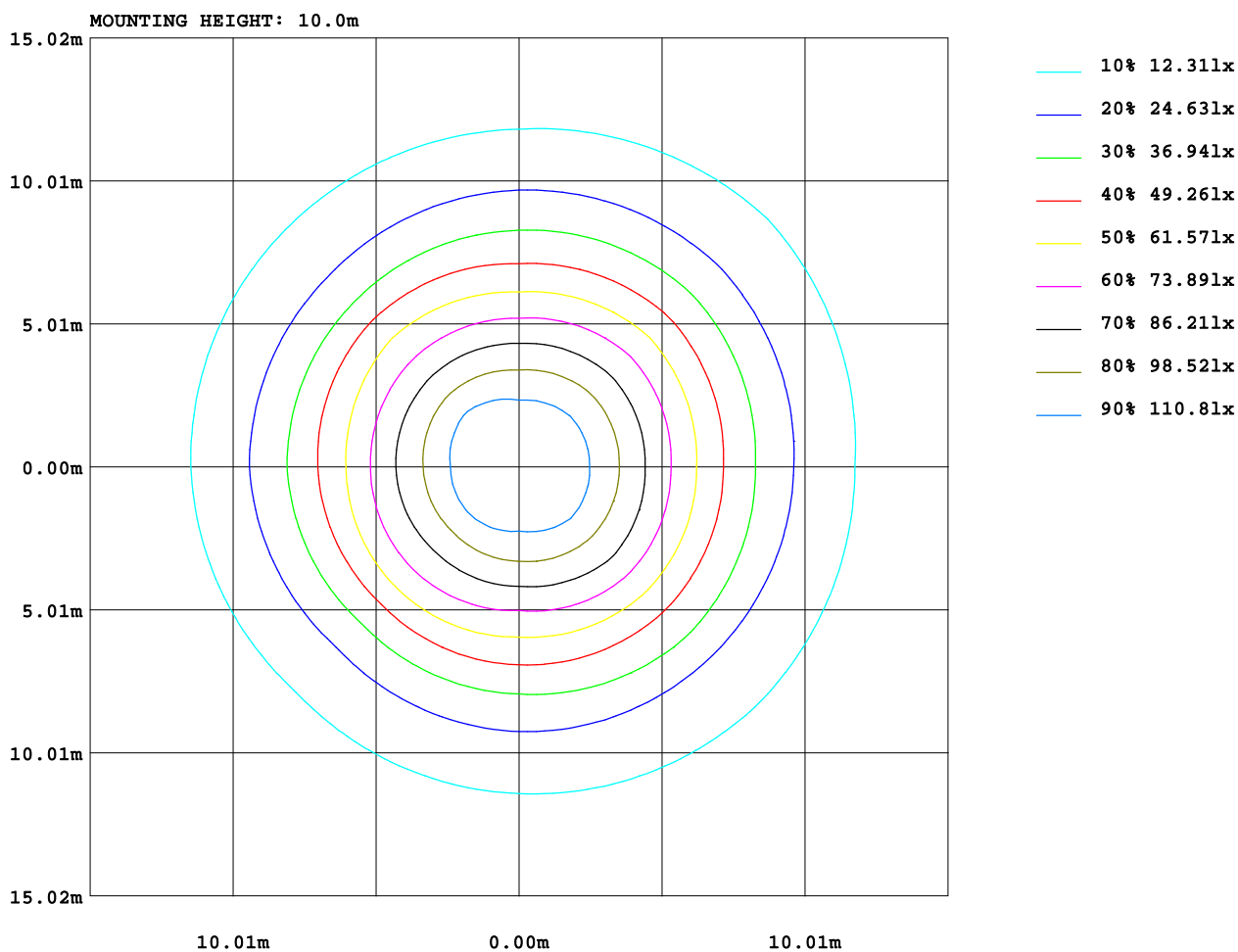
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ISOLUX DIAGRAM

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