

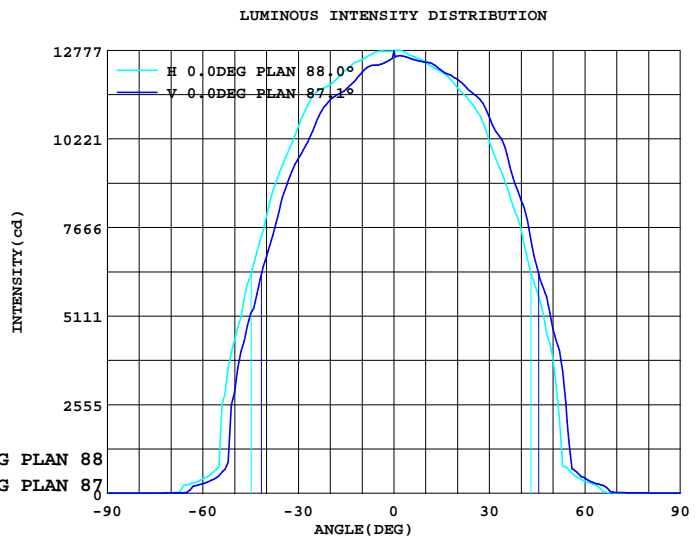
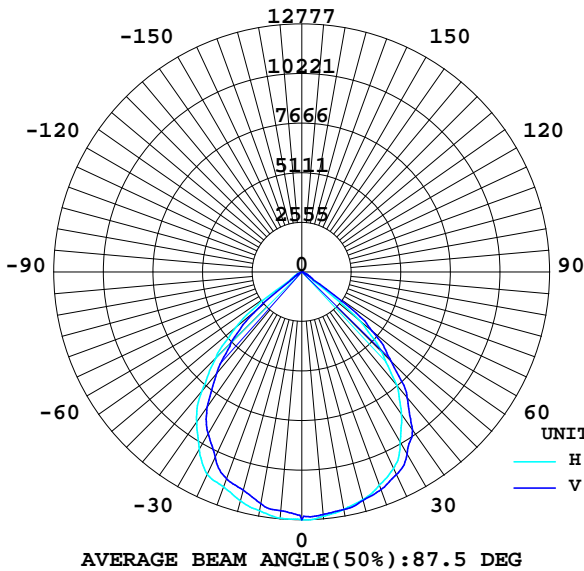
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

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

MODEL:					
NOMINAL POWER(W):	507	Imax(cd):	12777	Voltage(V)	219.1
RATED VOLTAGE(V):	220	AVAILABILITY(%):	97.7	Current(A)	2.304
NOMINAL FLUX(lm):	49427	Avai. FLUX(lm):	48940	Power(W)	507.0
TEST FLUX(lm):	49427	EFFICIENCY(%):	100.0	Power Factor(PF)	0.981
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	49427	EFFICIENCY(lm/W)	97.3
Effective Flux(lm) :	48939.7	θ @50%(H, V):	88.0,87.1DEG	EET:	0.330



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2015年03月12日

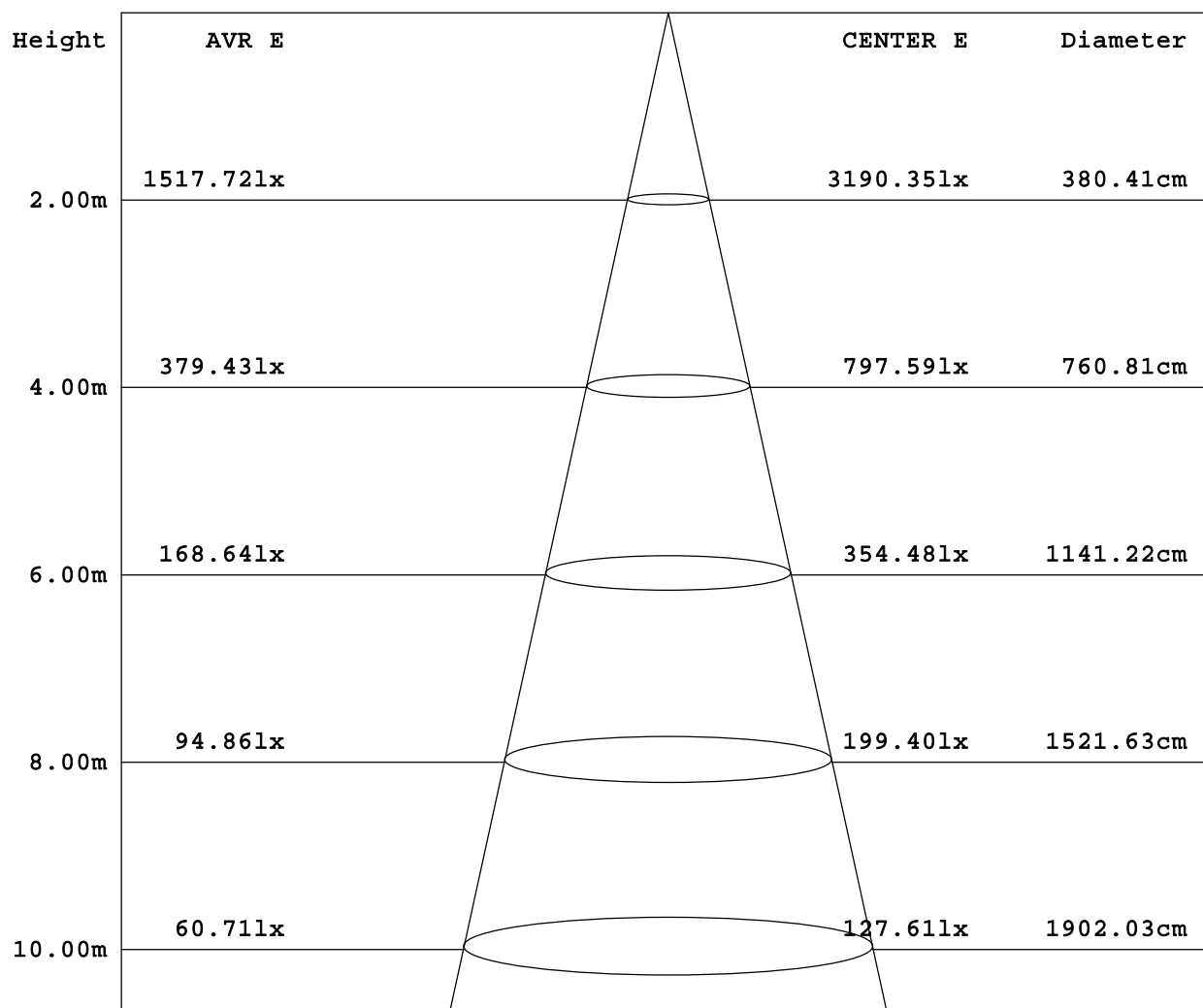
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

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



Angle: 87.1deg

Test System: HOPOO HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2015年03月12日

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

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	0.02	0.05	0.08	0.11	0.12	0.12	0.14	0.17	0.20	0.20	0.17	0.14	0.12	0.12	0.11	0.08	0.04	0.01	2.01	0.00
80	0.02	0.05	0.09	0.13	0.18	0.22	0.28	0.37	0.44	0.44	0.36	0.27	0.21	0.17	0.13	0.08	0.04	0.01	3.47	0.00
70	0.01	0.05	0.11	0.22	0.37	1.18	3.13	5.03	6.40	6.63	5.62	3.84	1.71	0.39	0.22	0.11	0.04	0.01	35.1	0.00
60	0.01	0.05	0.15	0.45	3.31	8.00	16.9	41.8	60.6	62.7	47.5	22.3	9.40	4.36	0.64	0.15	0.05	0.01	279	188
50	0.01	0.06	0.22	2.73	9.06	48.3	122	171	197	199	176	131	60.0	11.3	3.43	0.22	0.06	0.01	1131	1090
40	0.01	0.07	0.60	5.91	40.6	134	210	267	294	292	266	213	142	50.8	6.41	0.66	0.07	0.01	1923	1898
30	0.01	0.08	1.57	10.2	92.8	188	270	320	346	344	315	267	192	95.6	11.3	1.38	0.08	0.01	2455	2435
20	0.01	0.09	2.32	23.2	122	222	298	349	371	367	343	292	218	119	19.1	1.93	0.09	0.01	2746	2728
10	0.01	0.09	2.74	32.4	134	234	312	358	381	378	355	305	224	126	22.1	2.11	0.09	0.01	2867	2849
0	0.01	0.09	2.65	30.1	129	227	304	349	374	374	352	301	220	122	19.1	1.97	0.09	0.01	2805	2787
-10	0.01	0.08	2.04	18.2	107	199	276	326	354	355	332	280	202	105	11.8	1.54	0.08	0.01	2569	2550
-20	0.01	0.07	1.14	8.29	66.3	155	236	292	317	317	292	243	164	66.0	7.16	0.83	0.07	0.01	2167	2144
-30	0.01	0.06	0.36	4.43	18.6	96.9	171	226	252	253	227	176	104	20.1	4.26	0.24	0.06	0.01	1553	1521
-40	0.01	0.04	0.13	1.19	6.54	19.7	71.2	125	151	152	128	76.3	22.0	6.71	1.29	0.14	0.04	0.01	762	708
-50	0.01	0.04	0.08	0.19	1.19	5.22	9.92	14.5	22.9	23.5	15.3	9.85	5.45	1.48	0.20	0.09	0.03	0.01	110	24.9
-60	0.01	0.03	0.05	0.10	0.21	0.38	0.91	2.19	2.95	3.00	2.36	1.20	0.42	0.23	0.11	0.05	0.03	0.01	14.2	0.00
-70	0.01	0.03	0.03	0.05	0.10	0.16	0.21	0.22	0.21	0.21	0.23	0.22	0.17	0.10	0.05	0.03	0.02	0.01	2.05	0.00
-80	0.01	0.03	0.03	0.04	0.06	0.09	0.10	0.09	0.07	0.07	0.09	0.10	0.09	0.06	0.04	0.03	0.02	0.01	1.03	0.00
-90	0.01	0.03	0.03	0.04	0.06	0.09	0.10	0.09	0.07	0.07	0.09	0.10	0.09	0.06	0.04	0.03	0.02	0.01	1.03	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)	20	30	40	50	60	70	80	90			
Φ t	0.25	1.04	14.4	138	732	1539	2301	2848	3130	3128	2856	2321	1565	729	108	11.6	1.01	0.20	21427	
Φ a	0.00	0.00	0.00	84.2	691	1503	2267	2815	3098	3095	2824	2288	1528	686	45.1	0.00	0.00	0.00		20940

Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2015年03月12日

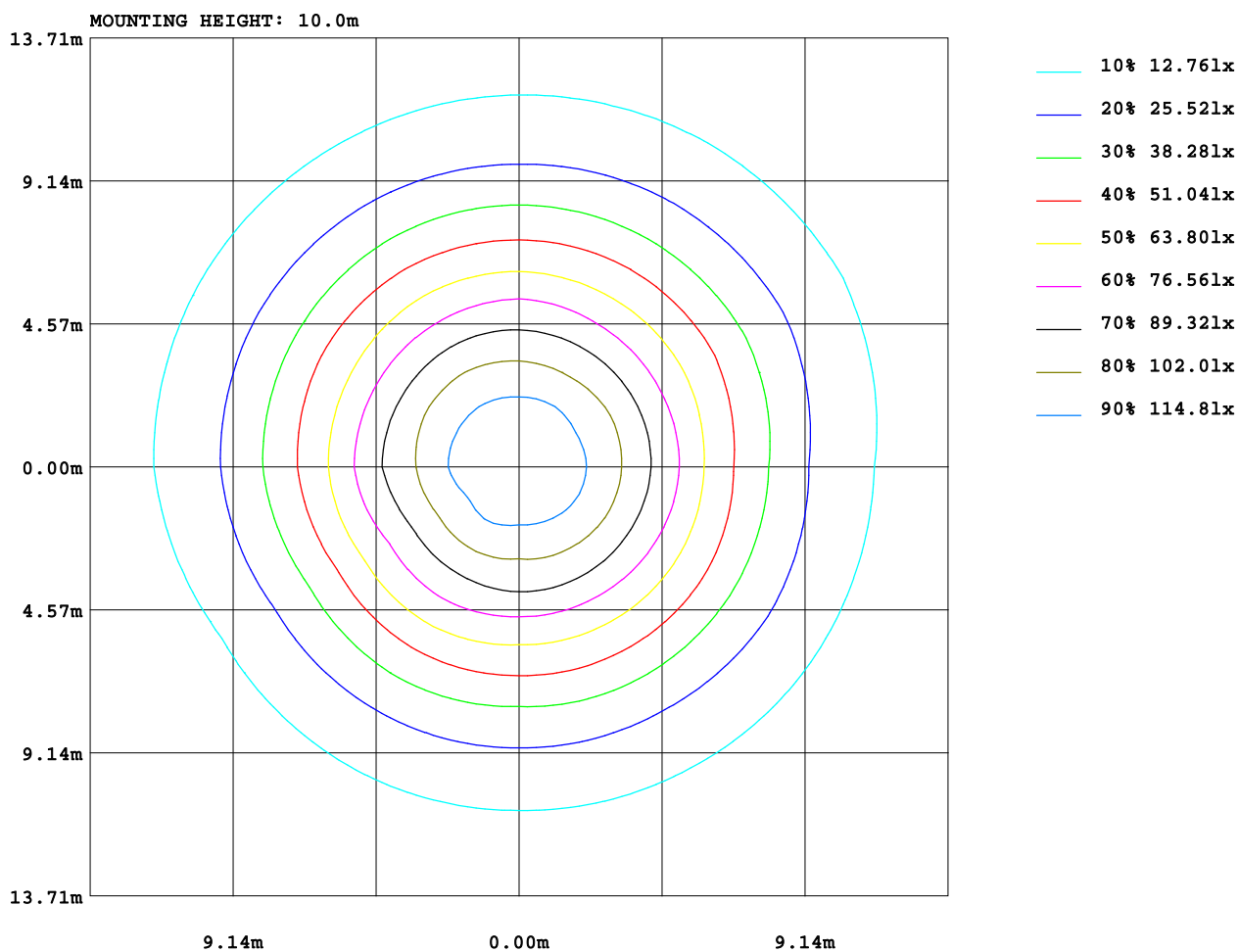
Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:6.000 m
 Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ISOLUX DIAGRAM

Report number:

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



Test System:HOPOO HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2015年03月12日

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