

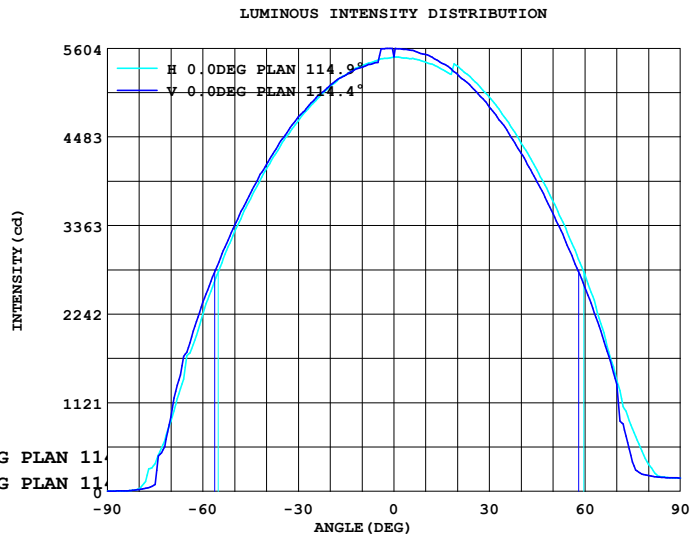
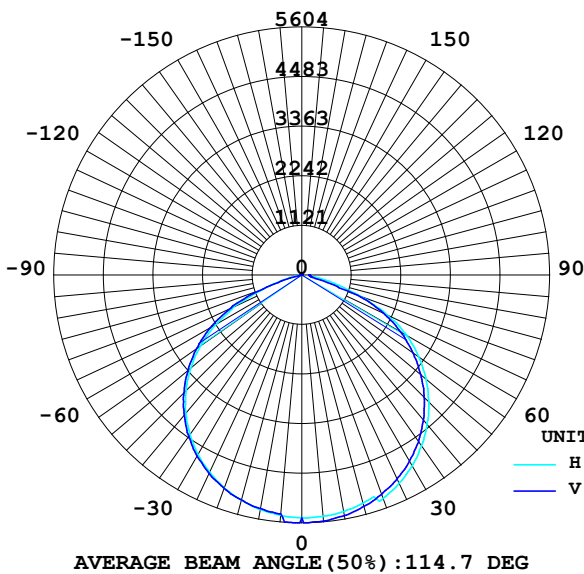
HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

LUMINAIRE PHOTOMETRIC TEST REPORT

Report number: SAMPLE 1

MANUFACTURER: Ledino	Address:	
NAME: Buckow 150	TYPE:	WEIGHT:
SPECIFICATION:150W	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	148	Imax (cd):	5605	Voltage(V)	229.8
RATED VOLTAGE(V):	230	AVAILABILITY(%):	97.0	Current(A)	0.649
NOMINAL FLUX(lm):	15580	Avai. FLUX(lm):	15115	Power(W)	148.6
TEST FLUX(lm):	15580	EFFICIENCY(%):	100.0	Power Factor(PF)	0.995
LAMPS QUANTITY:	1	TOTAL FLUX(lm):	15580	EFFICIENCY(lm/W)	104.8
Effective Flux(lm):	15114.8	θ @50%(H, V):	114.8,114.5DEG	EEL:	0.134



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

Color Temperature Data List

Report number: SAMPLE 1

MANUFACTURER:	Address:	
NAME: YT-NP-FL16 150W	TYPE:	WEIGHT:
SPECIFICATION:150W	DIMENSION:	SERIAL No.:

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

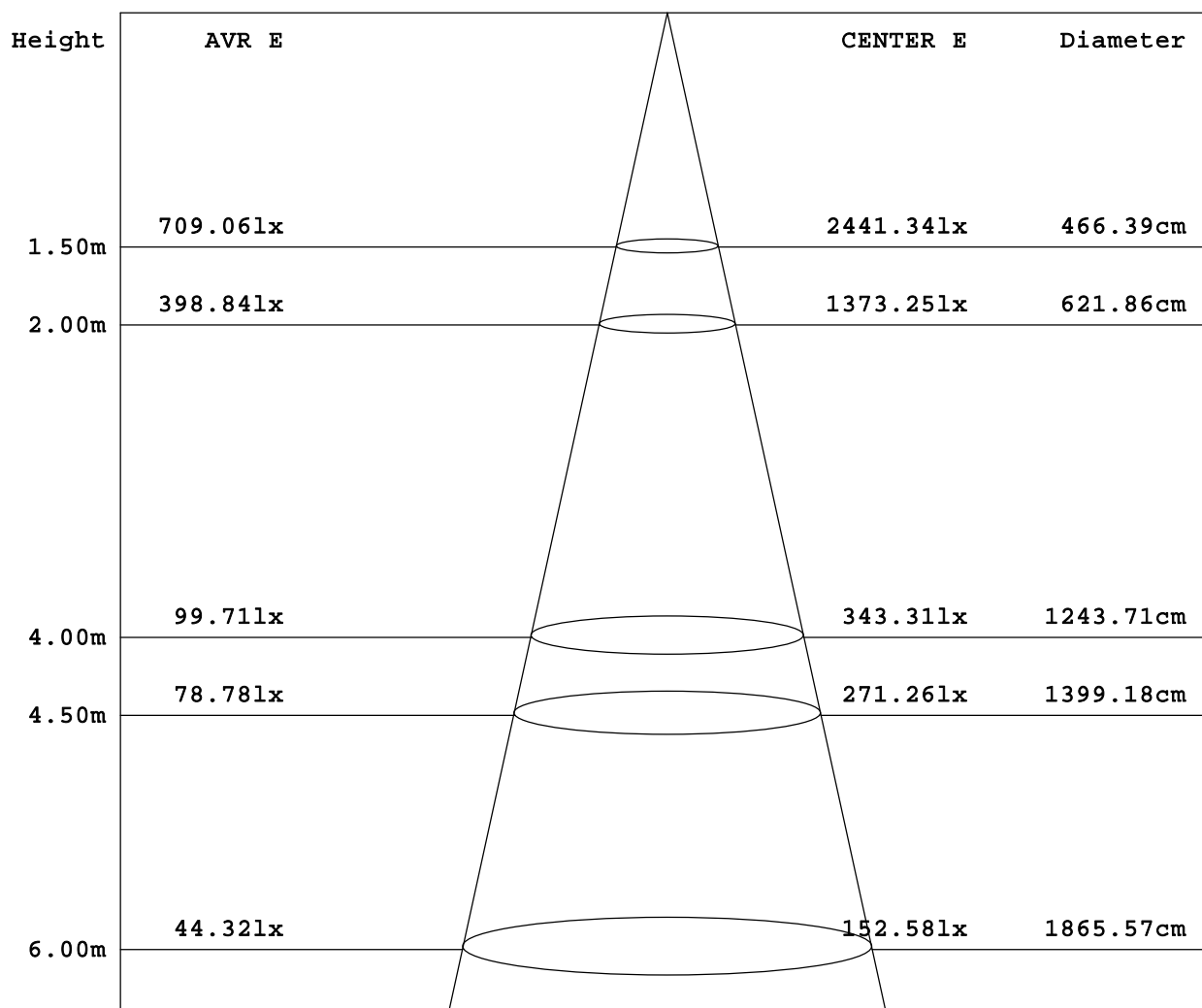
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Humidity:65.0%
Test Distance:8.150 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number: SAMPLE 1

MANUFACTURER:	Address:	
NAME: YT-NP-FL16 150W	TYPE:	WEIGHT:
SPECIFICATION:150W	DIMENSION:	SERIAL No.:



Angle:114.5deg

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

MANUFACTURER:		Address:	
NAME: YT-NP-FL16 150W		TYPE:	WEIGHT:
SPECIFICATION:150W		DIMENSION:	SERIAL No.:

VERTICAL (DEG)	AREA FLUX DIAGRAM																	UNIT:lm	Φ t	Φ a													
	0.10	0.69	1.83	2.49	1.95	0.95	1.07	2.79	4.57	4.54	2.71	0.95	0.83	1.86	2.45	2.16	1.32	0.45	33.7	0.00													
80	0.10	0.70	2.05	4.03	6.04	9.11	13.0	15.4	15.9	14.6	11.9	8.04	5.18	3.79	3.10	2.29	1.35	0.45	117	53.9													
70	0.10	0.77	3.77	11.1	21.3	34.1	45.3	54.3	59.9	58.6	50.6	39.4	27.6	16.4	8.27	3.66	1.48	0.45	437	416													
60	0.09	1.08	7.22	20.8	39.3	56.6	71.4	83.8	91.4	90.1	80.1	65.8	51.2	34.0	17.4	7.19	2.00	0.46	721	711													
50	0.08	1.76	11.0	31.3	54.7	75.7	93.5	108	117	116	104	88.2	70.6	50.0	28.5	11.7	2.96	0.47	966	960													
40	0.08	2.48	15.0	39.4	66.6	91.3	112	127	137	136	123	107	86.6	62.8	38.8	16.7	4.12	0.50	1167	1162													
30	0.07	3.10	18.4	44.8	74.4	103	126	141	152	150	137	121	99.1	73.2	46.5	21.3	5.19	0.53	1318	1315													
	0.06	3.48	20.4	48.1	78.8	109	135	152	161	159	149	132	109	80.9	52.0	24.8	6.08	0.57	1422	1419													
	0.04	3.58	21.0	49.1	80.1	110	137	157	166	164	156	140	115	85.9	55.5	27.0	6.67	0.59	1476	1473													
	0.04	3.58	21.1	49.1	79.8	110	135	154	163	164	156	140	116	86.0	55.5	27.1	6.67	0.58	1468	1465													
	0.04	3.48	20.5	47.9	78.1	107	132	151	159	160	151	133	109	81.2	52.2	25.1	6.06	0.54	1419	1416													
-30	0.04	3.06	18.6	44.6	73.5	102	126	145	151	151	144	125	100	73.7	46.9	21.8	5.13	0.49	1332	1328													
-40	0.03	2.40	15.4	39.3	66.1	91.9	115	131	136	135	129	113	89.3	63.7	39.5	17.2	4.00	0.44	1189	1184													
-50	0.02	1.62	11.3	31.8	55.3	78.3	98.6	111	115	114	109	95.1	74.7	51.8	30.1	11.8	2.77	0.41	993	988													
-60	0.01	0.88	6.97	21.7	41.2	60.5	76.9	85.9	88.7	87.8	83.0	72.3	55.8	36.9	18.4	6.87	1.64	0.38	747	737													
-70	0.01	0.32	3.37	10.9	23.3	38.0	49.8	54.2	54.5	53.2	50.3	43.4	31.5	17.9	7.93	2.90	0.91	0.37	443	425													
-80	0.01	0.07	0.71	3.34	7.05	12.3	16.1	15.2	11.6	10.3	11.4	10.7	7.70	4.40	1.71	0.65	0.71	0.36	115	59.7													
-90	0.01	0.03	0.07	0.64	2.04	3.77	4.14	2.77	1.12	1.08	2.68	4.03	3.61	1.90	0.56	0.38	0.66	0.35	29.8	0.00													
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)																	20	30	40	50	60	70	80	90
Φ t	0.94	33.1	199	501	850	1194	1488	1692	1786	1771	1651	1440	1153	827	506	231	59.7	8.38	15580														
Φ a	0.00	12.0	180	484	834	1180	1474	1676	1771	1756	1636	1425	1137	810	488	212	35.2	0.00		15115													

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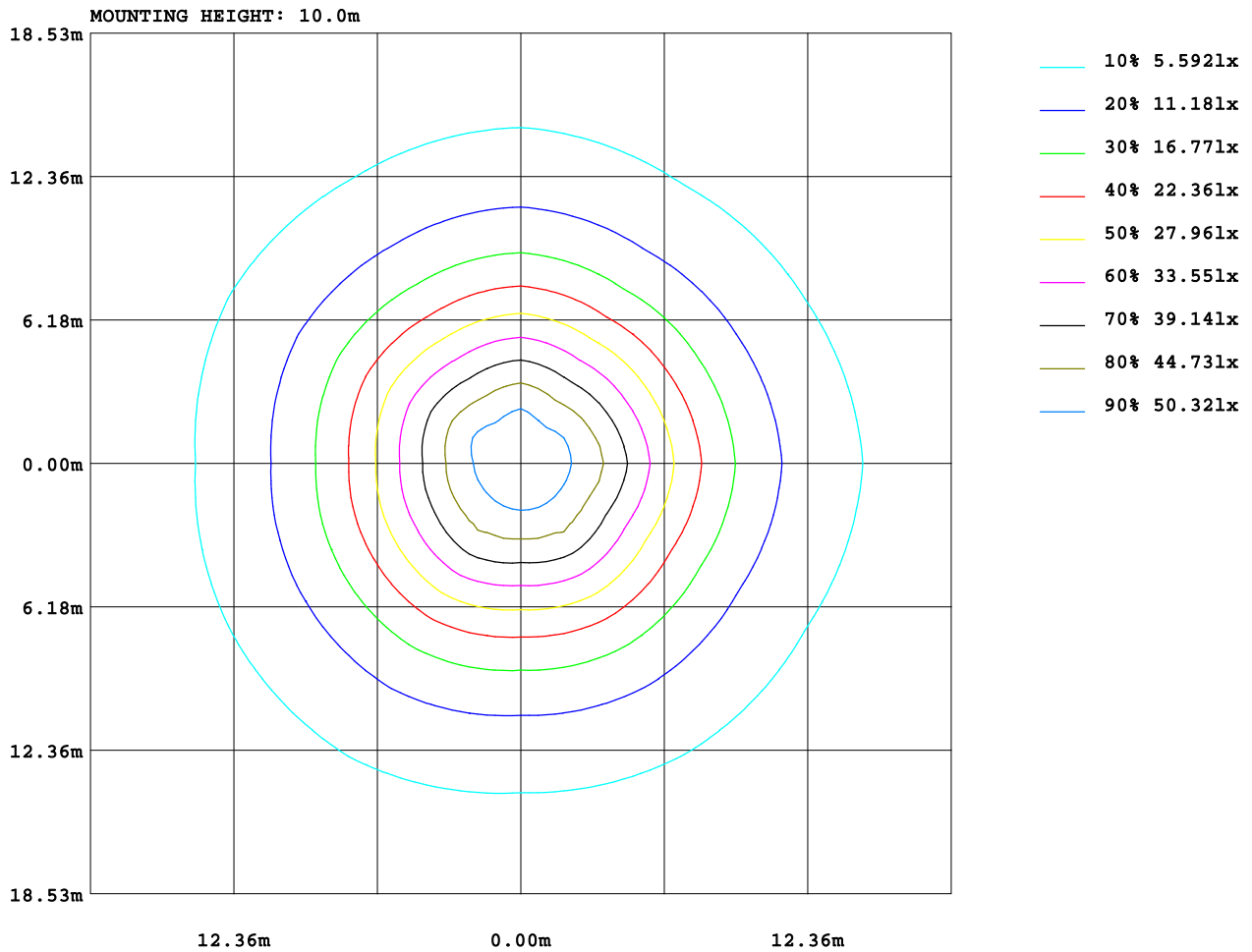
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 Humidity:65.0%
 Test Distance:8.150 m
 Remarks:

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ISOLUX DIAGRAM

Report number: SAMPLE 1

MANUFACTURER:	Address:	
NAME: YT-NP-FL16 150W	TYPE:	WEIGHT:
SPECIFICATION:150W	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
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