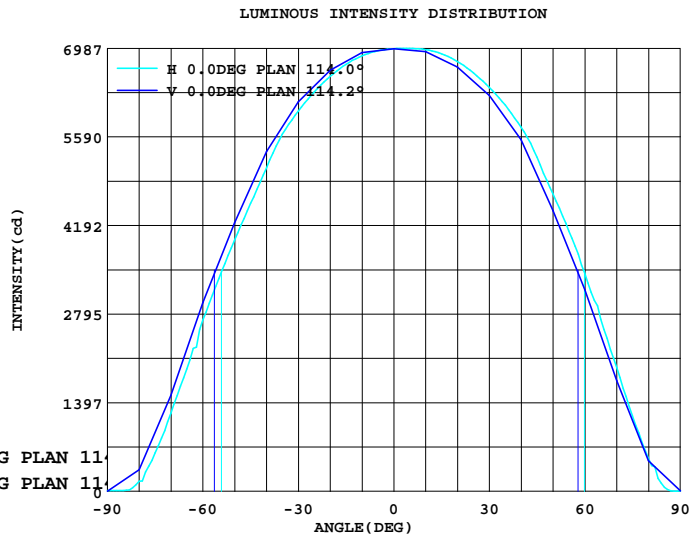
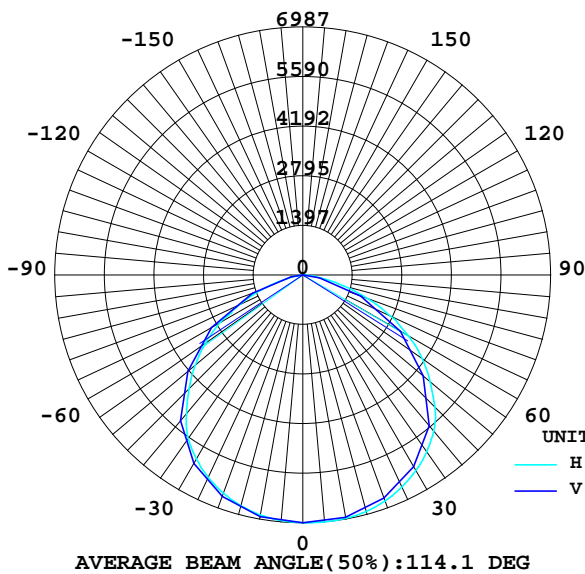


## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GK-UFO-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	150	Imax(cd):	6987	Voltage(V)	219.6
RATED VOLTAGE(V):	220	AVAILABILITY(%):	98.4	Current(A)	0.690
NOMINAL FLUX(lm):	19752	Avail. FLUX(lm):	19440	Power(W)	150.1
TEST FLUX(lm):	19752	EFFICIENCY(%):	100.0	Power Factor(PF)	0.989
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	19752	EFFICIENCY(lm/W)	131.6
Effective Flux(lm) :	19439.5	$\theta$ @50%(H, V):	114.0,114.5DEG	EEL:	0.105



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年04月18日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:10.500 m  
 Remarks:

---

## Color Temperature Data List

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GK-UFO-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

---

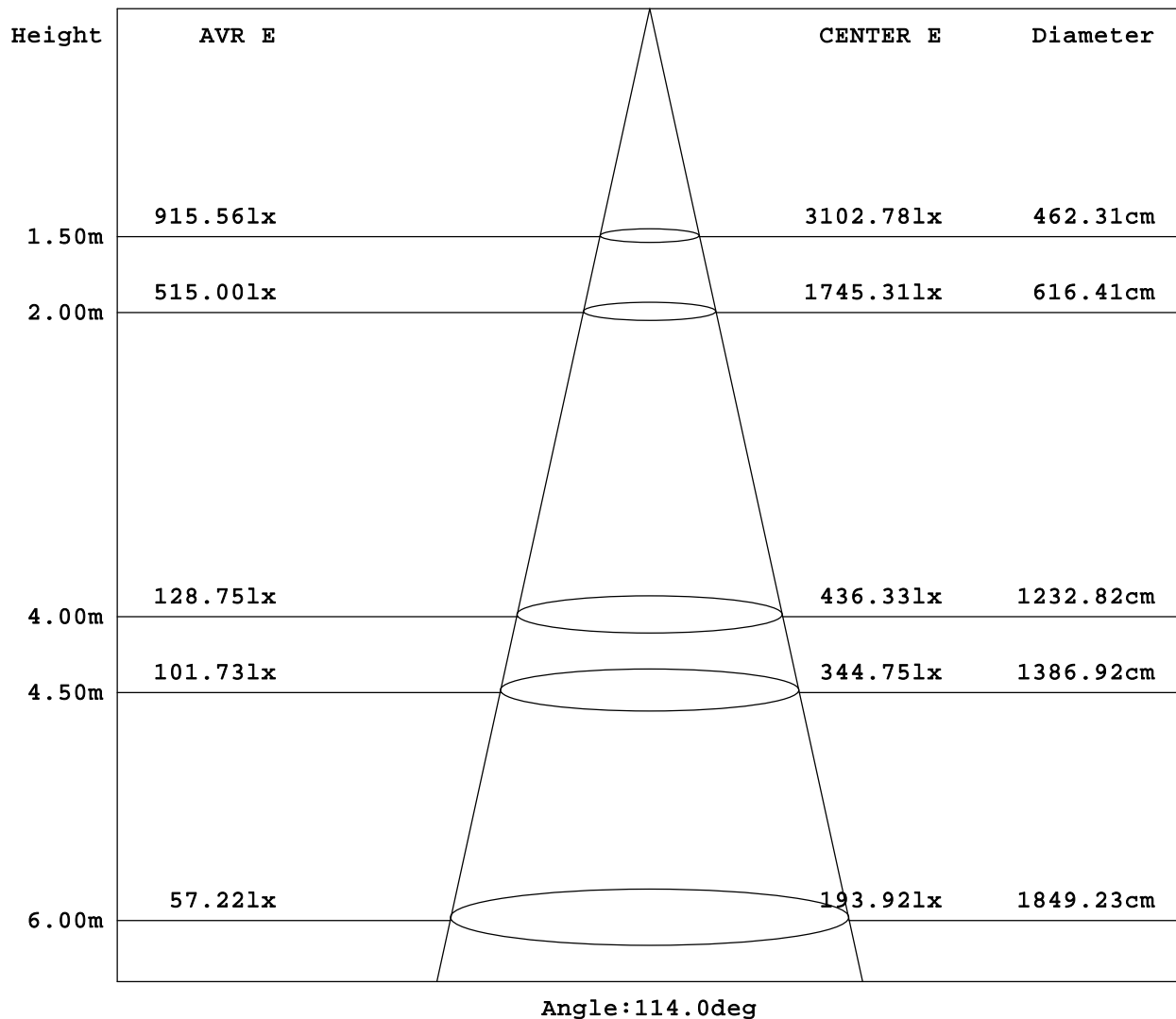
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年04月18日

Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks:

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GK-UFO-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年04月18日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:10.500 m  
 Remarks:

## AREA LUMINOUS FLUX

Report number:

MANUFACTURER: LI TIAN	Address:		
NAME: LT-GK-UFO-150W	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a					
	0.01	0.03	0.04	0.06	0.08	0.10	0.13	0.13	0.15	0.17	0.16	0.13	0.09	0.08	0.07	0.06	0.05	0.02	1.55	0.00							
90																											
80	0.02	0.09	0.19	0.79	3.38	7.53	12.5	17.2	20.6	22.1	21.1	17.3	11.9	6.49	2.26	0.26	0.03	0.02	144	51.1							
70	0.02	0.09	2.12	9.11	21.0	36.1	50.6	62.5	70.1	72.3	68.5	59.6	45.2	29.6	15.3	5.25	0.58	0.03	549	530							
60	0.04	0.89	7.26	22.2	42.9	66.6	88.7	106	116	118	112	98.3	78.8	54.1	30.4	12.3	2.52	0.03	958	949							
50	0.01	2.03	13.1	34.3	63.0	92.0	118	139	151	153	145	128	103	75.3	45.8	20.2	4.94	0.19	1289	1283							
40	0.06	3.27	17.8	43.9	76.7	110	141	166	182	185	175	153	124	90.8	56.9	26.5	7.01	0.31	1561	1557							
30	0.05	4.34	21.8	52.6	88.3	126	162	186	198	200	191	171	140	102	64.7	31.2	8.71	0.47	1750	1746							
	0.13	5.15	24.5	56.9	95.2	136	171	194	208	210	200	179	150	110	70.0	34.3	9.64	0.57	1853	1850							
	0.09	5.35	25.9	59.3	98.8	141	175	199	212	214	204	183	152	114	72.2	35.4	10.2	0.61	1902	1900							
	0.16	5.47	25.8	59.4	98.7	141	175	199	211	212	204	183	153	114	72.6	35.8	10.1	0.63	1901	1898							
	0.07	4.98	24.5	56.8	94.7	136	170	193	207	209	198	178	148	110	69.4	33.8	9.63	0.54	1843	1840							
-30	0.10	4.36	21.1	51.3	86.9	124	159	182	195	197	188	168	138	100	63.7	30.7	8.28	0.46	1719	1715							
-40	0.02	3.12	17.2	43.5	75.2	107	140	164	177	179	170	151	121	87.8	54.9	25.3	6.71	0.28	1523	1518							
-50	0.04	2.06	12.6	33.1	60.6	88.0	113	134	148	151	141	122	99.1	72.4	43.7	19.3	4.59	0.13	1245	1239							
-60	0.00	0.85	7.21	20.9	42.0	65.3	84.8	101	110	111	106	93.2	74.7	52.9	29.9	12.5	2.56	0.07	915	906							
-70	0.03	0.25	2.68	10.0	21.0	35.3	50.7	62.5	69.5	71.7	67.9	58.7	45.9	29.1	15.2	5.29	0.69	0.00	547	528							
-80	0.00	0.01	0.25	1.53	4.43	8.64	13.4	18.5	22.2	24.1	22.7	18.9	13.1	7.74	3.40	0.83	0.05	0.02	160	104							
-90	0.01	0.04	0.01	0.03	0.15	0.42	0.77	1.13	1.38	1.57	1.53	1.14	0.67	0.28	0.05	0.00	0.00	0.00	9.20	0.00							
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)											20	30	40	50	60	70	80	90
Φ t	0.88	42.4	225	556	974	1423	1824	2126	2300	2331	2216	1963	1599	1157	711	330	86.5	4.37	19752								
Φ a	0.00	20.1	208	541	962	1409	1806	2107	2284	2318	2201	1946	1581	1145	700	317	69.2	0.00		19440							

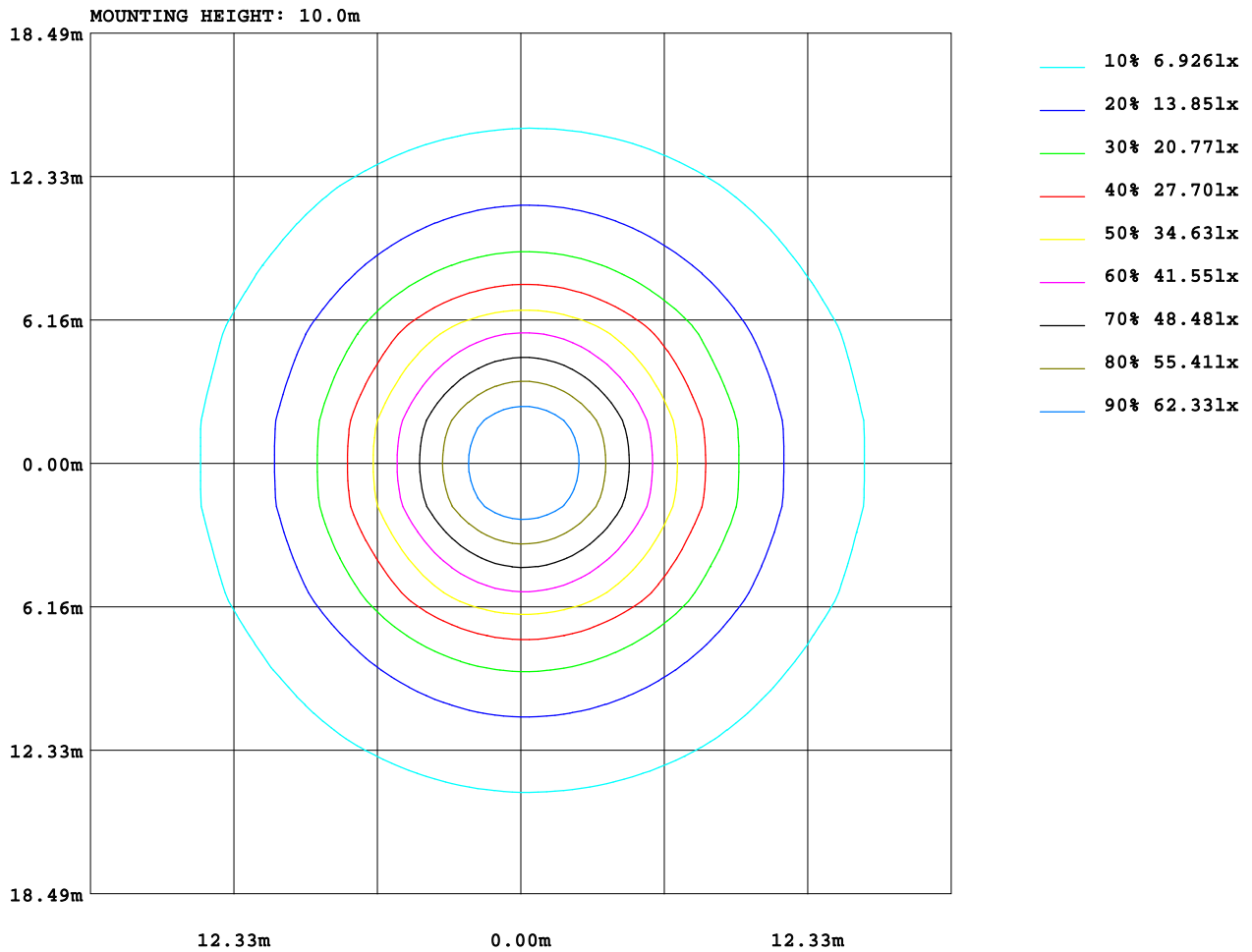
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年04月18日

Test Set: 5.0deg/s B-Beta (TYPE B)  
 Humidity:65.0%  
 Test Distance:10.500 m  
 Remarks:

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI TIAN	Address:	
NAME: LT-GK-UFO-150W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年04月18日

Test Set: 5.0deg/s B-Beta (TYPE B)  
Humidity:65.0%  
Test Distance:10.500 m  
Remarks: