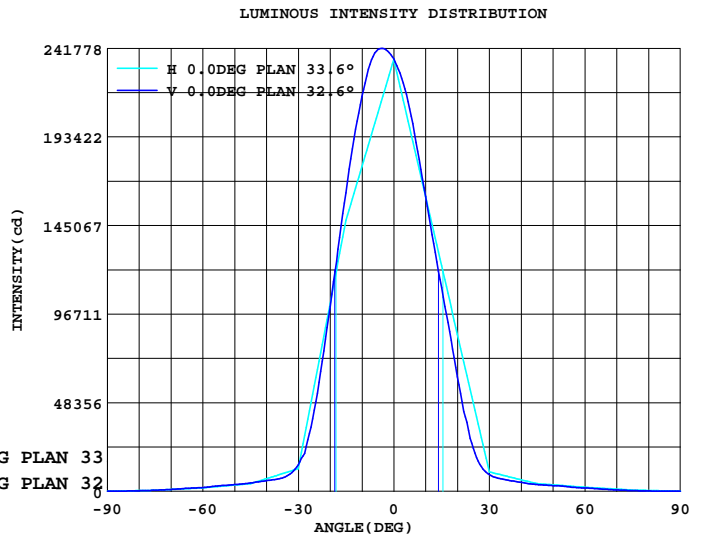
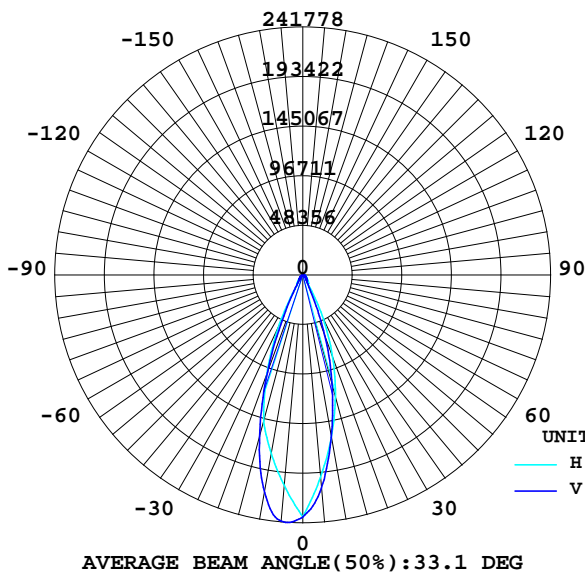


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LI-TIAN LIGHTING	Address:	
NAME: LT-SD-800W-50K-30°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	846	Imax(cd):	241778	Voltage(V)	106.4
RATED VOLTAGE(V):	106	AVAILABILITY(%):	82.4	Current(A)	7.719
NOMINAL FLUX(lm):	86692	Avail. FLUX(lm):	71437	Power(W)	819.9
TEST FLUX(lm):	86692	EFFICIENCY(%):	100.0	Power Factor(PF)	0.998
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	86692	EFFICIENCY(lm/W)	105.7
Effective Flux(lm) :	71436.9	θ @50%(H, V):	33.8,32.6DEG	EEl:	0.156



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年11月07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: LITIAN	Address:	
NAME: LT-GK-018-800W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

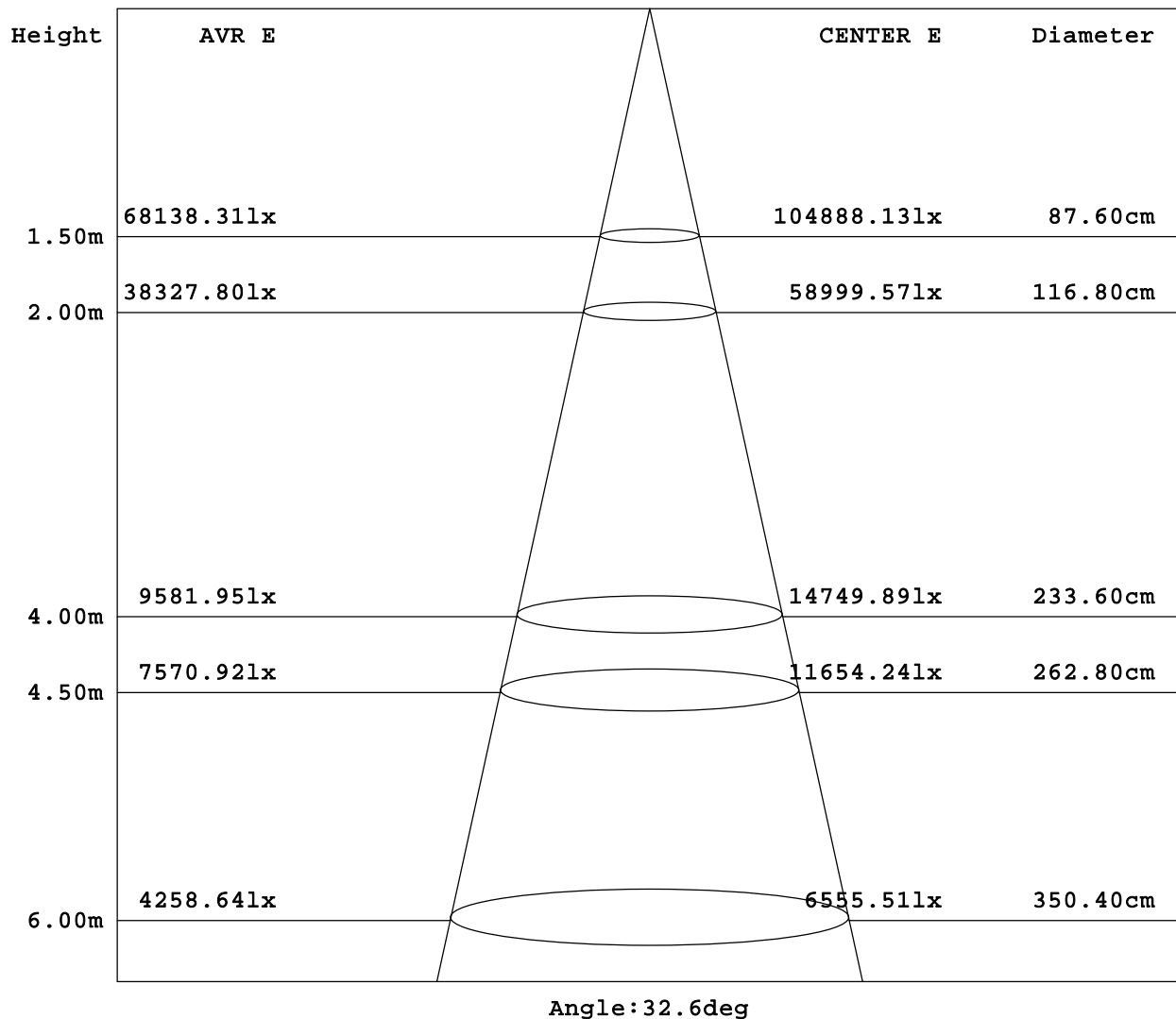
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2018年11月07日

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: LITIAN	Address:	
NAME: LT-GK-018-800W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018年11月07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: LITIAN	Address:		
NAME: LT-GK-018-800W	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	12.4	16.3	19.3	21.4	23.6	25.7	27.4	29.2	31.1	31.2	29.5	27.8	26.1	23.9	21.8	20.3	18.2	13.9	420	0.00		
45	14.4	18.2	22.1	25.4	29.0	33.2	36.5	38.8	41.4	41.4	38.8	36.4	33.0	28.9	25.9	23.6	19.8	15.1	523	0.00		
40	16.4	21.4	26.2	30.8	36.7	42.9	48.5	52.0	55.2	55.2	52.1	48.6	42.9	36.5	30.9	26.6	21.6	17.3	663	0.00		
35	18.0	24.4	31.2	38.7	52.1	63.1	73.8	88.0	102	102	86.5	70.8	60.0	50.2	38.8	31.9	25.4	19.0	977	0.00		
30	20.0	28.1	36.6	53.4	95.3	130	168	226	285	282	215	150	112	84.8	51.8	37.2	28.7	20.7	2026	1033		
25	22.3	32.5	43.1	85.1	193	293	391	496	607	596	464	336	242	163	77.5	42.4	32.4	22.6	4140	3633		
20	25.2	38.1	51.4	133	322	511	679	819	961	944	769	595	432	275	117	48.0	36.0	24.6	6781	6400		
15	28.5	44.3	61.2	185	443	710	943	1133	1320	1299	1069	836	605	379	160	54.7	40.4	27.1	9338	8981		
10	30.7	48.9	68.6	225	534	860	1143	1374	1600	1571	1290	1006	724	450	191	59.6	43.6	29.0	11250	10888		
5	31.2	50.1	70.6	239	572	925	1229	1474	1713	1679	1374	1065	763	473	199	61.1	44.7	29.6	11992	11634		
0	29.9	47.4	66.4	217	535	869	1163	1406	1645	1611	1306	999	709	438	181	58.1	43.0	28.8	11353	11000		
-5	27.1	42.1	57.9	169	430	699	941	1148	1354	1328	1069	809	573	355	142	52.2	39.0	26.7	9263	8901		
-10	24.1	36.2	48.6	113	288	460	620	773	929	912	720	532	378	240	97.5	45.0	34.3	24.0	6275	5885		
-15	21.7	31.1	40.7	68.4	155	233	309	400	496	487	375	266	193	132	63.0	39.5	30.3	21.7	3363	2729		
-20	19.5	26.7	34.3	44.8	75.0	101	123	153	184	181	145	110	87.9	67.9	44.1	34.5	26.9	20.0	1479	328		
-25	17.8	23.4	29.5	35.4	45.0	53.6	60.4	66.7	73.0	72.8	65.9	58.7	51.8	43.8	35.5	29.9	23.7	18.3	806	0.00		
-30	15.8	19.8	24.7	29.2	33.9	39.1	43.9	46.3	48.4	48.3	46.3	43.9	39.3	34.0	29.4	25.4	20.8	16.7	606	0.00		
-35	13.2	17.3	21.5	24.5	27.3	31.0	34.3	36.5	38.5	38.3	35.9	33.7	31.2	28.2	25.6	22.4	18.1	14.4	493	0.00		
-40																						
-45																						
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)					10	15	20	25	30	35	40	45	
Φ t	389	567	755	1740	3891	6081	8036	9760	11483	11280	9151	7025	5104	3303	1532	713	548	391	86692			
Φ a	0.00	0.00	0.00	943	3337	5545	7521	9266	10994	10786	8651	6475	4541	2700	656	0.00	0.00	0.00		71437		

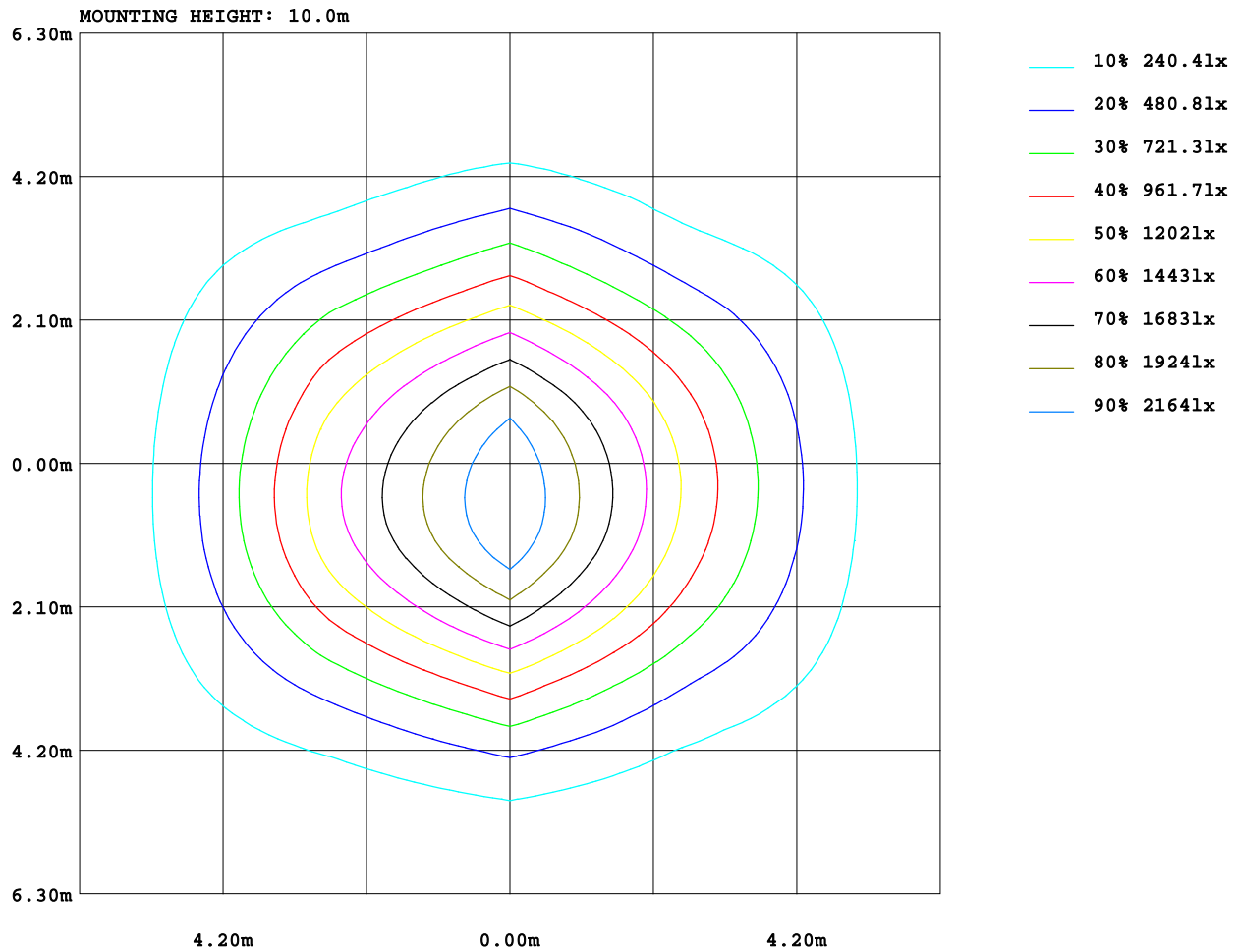
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年11月07日

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-GK-018-800W	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2018年11月07日

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

Uncorrected UGR Table

Report number:

MANUFACTURER: LITIAN						Address:				
NAME: LT-GK-018-800W						TYPE:			WEIGHT:	
SPECIFICATION:						DIMENSION:			SERIAL No.:	
ceiling/cavity	0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls	0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions	Viewed crosswise					Viewed endwise				
x = 2H y = 2H	21.1	21.9	21.3	22.1	22.2	20.8	21.7	21.1	21.8	22.0
3H	22.1	22.9	22.4	23.1	23.3	21.7	22.4	21.9	22.6	22.8
4H	22.4	23.2	22.7	23.4	23.6	21.9	22.6	22.2	22.9	23.1
6H	22.7	23.4	23.0	23.6	23.8	22.0	22.7	22.3	23.0	23.2
8H	22.8	23.4	23.1	23.7	23.9	22.1	22.7	22.4	23.0	23.2
12H	22.9	23.5	23.2	23.8	24.0	22.1	22.7	22.4	23.0	23.2
4H 2H	21.4	22.2	21.7	22.4	22.6	21.2	22.0	21.5	22.2	22.4
3H	22.7	23.3	23.0	23.6	23.8	22.2	22.8	22.5	23.1	23.4
4H	23.1	23.7	23.5	24.0	24.3	22.6	23.1	22.9	23.4	23.7
6H	23.5	24.0	23.9	24.3	24.7	22.8	23.3	23.2	23.7	24.0
8H	23.6	24.1	24.0	24.5	24.8	22.9	23.3	23.3	23.7	24.1
12H	23.8	24.2	24.2	24.6	25.0	22.9	23.3	23.3	23.7	24.1
8H 4H	23.2	23.7	23.6	24.1	24.4	22.7	23.2	23.1	23.5	23.9
6H	23.8	24.2	24.2	24.6	25.0	23.1	23.5	23.5	23.8	24.3
8H	24.0	24.4	24.5	24.8	25.2	23.2	23.5	23.6	23.9	24.4
12H	24.3	24.6	24.7	25.0	25.5	23.2	23.5	23.7	24.0	24.4
12H 4H	23.2	23.6	23.6	24.0	24.4	22.7	23.1	23.1	23.5	23.9
6H	23.8	24.1	24.2	24.5	25.0	23.1	23.4	23.5	23.9	24.3
8H	24.1	24.4	24.5	24.8	25.3	23.2	23.5	23.7	24.0	24.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.3 / - 0.5					+ 0.4 / - 0.4				
1.5H	+ 0.3 / - 0.3					+ 0.3 / - 0.3				
2.0H	+ 0.5 / - 0.7					+ 0.5 / - 0.9				

CIE Pub.117 Corrected 86692 lm Total Lamp Luminous Flux.(8log(F/F0) = 15.5)

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年11月07日

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