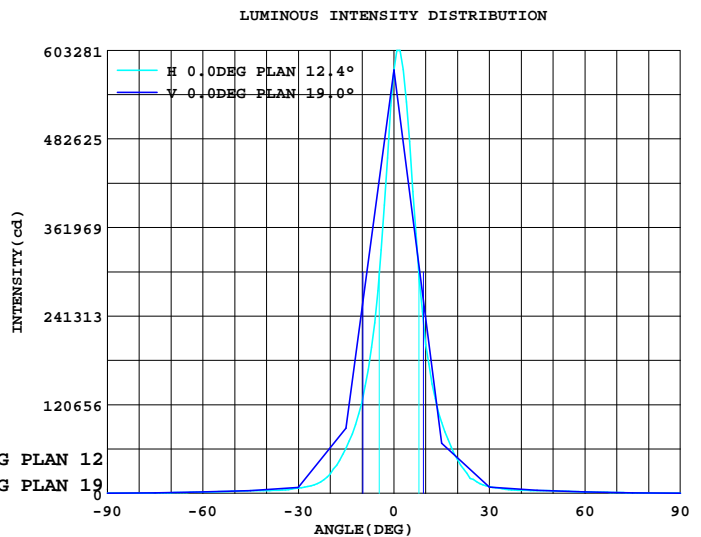
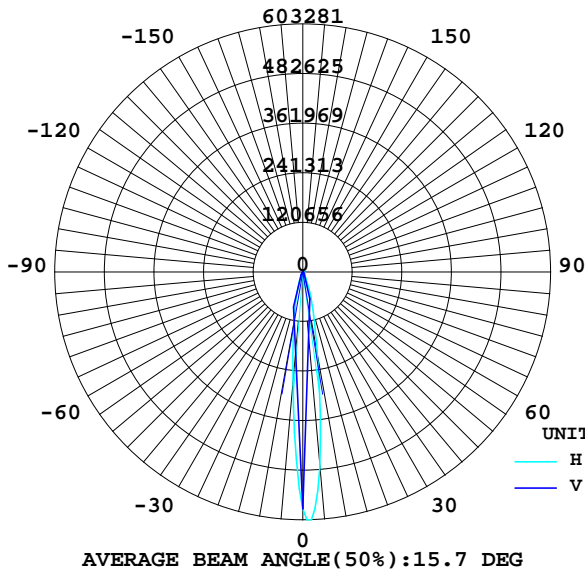


# LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: 力天	Address:	
NAME: LT-GK-018-600w-15度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	592	Imax(cd):	603281	Voltage(V)	218.6
RATED VOLTAGE(V):	218	AVAILABILITY(%):	65.4	Current(A)	2.664
NOMINAL FLUX(lm):	74669	Avai. FLUX(lm):	48852	Power(W)	574.5
TEST FLUX(lm):	74669	EFFICIENCY(%):	100.0	Power Factor(PF)	0.986
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	74669	EFFICIENCY(lm/W)	129.9
Effective Flux(lm) :	48851.5	$\theta$ @50%(H, V):	12.4,19.6DEG	EEl:	0.160



Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年08月04日

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

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## Color Temperature Data List

Report number:

MANUFACTURER: 力天	Address:	
NAME: LT-GK-018-600w-15度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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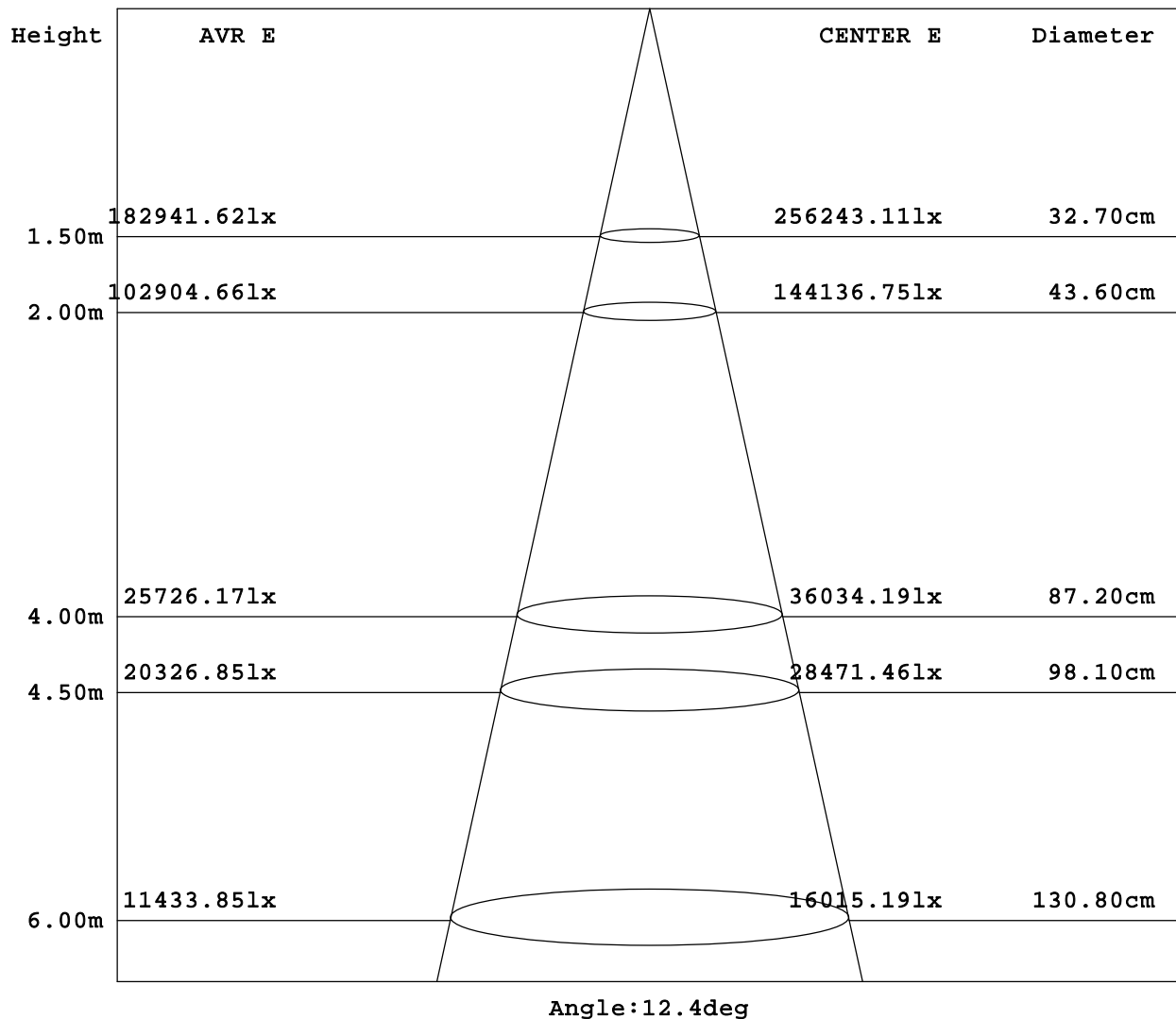
Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年08月04日

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: 力天	Address:	
NAME: LT-GK-018-600w-15度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900  
 Temperature: 25.3DEG  
 Operators:  
 Test Date: 2018年08月04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: 力天	Address:		
NAME: LT-GK-018-600w-15度	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

27	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a			
	12.8	13.4	14.9	16.4	17.4	19.4	21.6	24.1	25.8	26.7	26.1	23.9	21.3	19.1	17.3	16.5	14.3	13.4	346	0.00					
24	13.6	14.3	15.9	17.5	18.6	20.8	23.3	26.2	28.2	29.2	28.5	25.9	23.0	20.5	18.5	17.6	15.2	14.2	372	0.00					
21	14.5	15.1	16.8	18.6	19.7	22.2	24.9	28.2	30.5	31.6	30.8	27.9	24.6	21.9	19.6	18.7	16.0	15.1	398	0.00					
18	15.4	15.9	17.8	19.6	20.9	23.5	26.6	30.3	32.8	34.1	33.2	29.9	26.3	23.2	20.8	19.8	16.9	15.9	424	0.00					
15	17.7	24.7	35.4	51.3	74.8	106	142	175	198	206	201	181	150	113	83.1	55.9	37.9	25.7	1881	946					
12	18.9	26.9	39.3	58.0	85.5	122	164	203	230	240	234	211	174	131	95.4	63.4	42.4	28.2	2167	1353					
9	20.0	29.2	43.3	64.6	96.2	138	187	231	262	273	266	240	198	149	108	70.9	46.9	30.6	2453	1675					
VERTICAL (DEG)	21.1	31.5	47.3	71.3	107	155	209	259	294	306	299	269	221	166	120	78.3	51.5	33.1	2739	2032					
	22.3	33.8	51.3	77.9	118	171	231	287	325	339	331	298	245	184	132	85.8	56.0	35.6	3026	2345					
	27.9	44.5	80.9	136	215	334	532	895	1476	1808	1497	948	545	340	219	136	77.3	44.9	9358	8864					
	29.8	48.3	89.5	152	242	377	605	1029	1712	2103	1735	1090	618	383	245	152	84.9	48.6	10743	10274					
	31.7	52.2	98.1	168	269	420	677	1162	1947	2397	1974	1232	692	426	271	167	92.5	52.3	12129	11710					
	33.7	56.0	107	183	295	463	750	1296	2182	2691	2212	1374	766	468	297	182	100	56.0	13514	13061					
	35.6	59.8	115	199	322	506	823	1429	2417	2986	2451	1516	840	511	322	198	108	59.7	14900	14521					
	15.9	22.1	32.4	47.5	73.5	105	135	145	123	104	123	144	139	110	81.7	52.9	35.2	23.4	1513	361					
	13.9	18.3	24.3	32.9	50.1	67.7	68.9	31.0	1.43	0.00	0.43	25.0	71.4	72.2	59.1	39.1	28.2	19.8	625	0.00					
	11.9	14.6	16.3	18.3	26.7	29.9	11.2	0.00	0.00	0.00	0.00	0.00	12.3	34.3	36.5	25.3	21.3	16.2	275	0.00					
9.99	10.9	8.29	6.30	4.86	1.99	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.96	14.8	11.5	14.3	12.6	99.7	0.00					
-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)										6	9	12	15	18	21	24	27
Φ t	368	532	855	1338	2056	3085	4632	7253	11285	13575	11442	7636	4768	3177	2161	1392	859	546	74669						
Φ a	0.00	0.00	0.00	532	1343	2280	4112	7013	11109	13416	11266	7403	4303	2449	1354	564	0.00	0.00		48852					

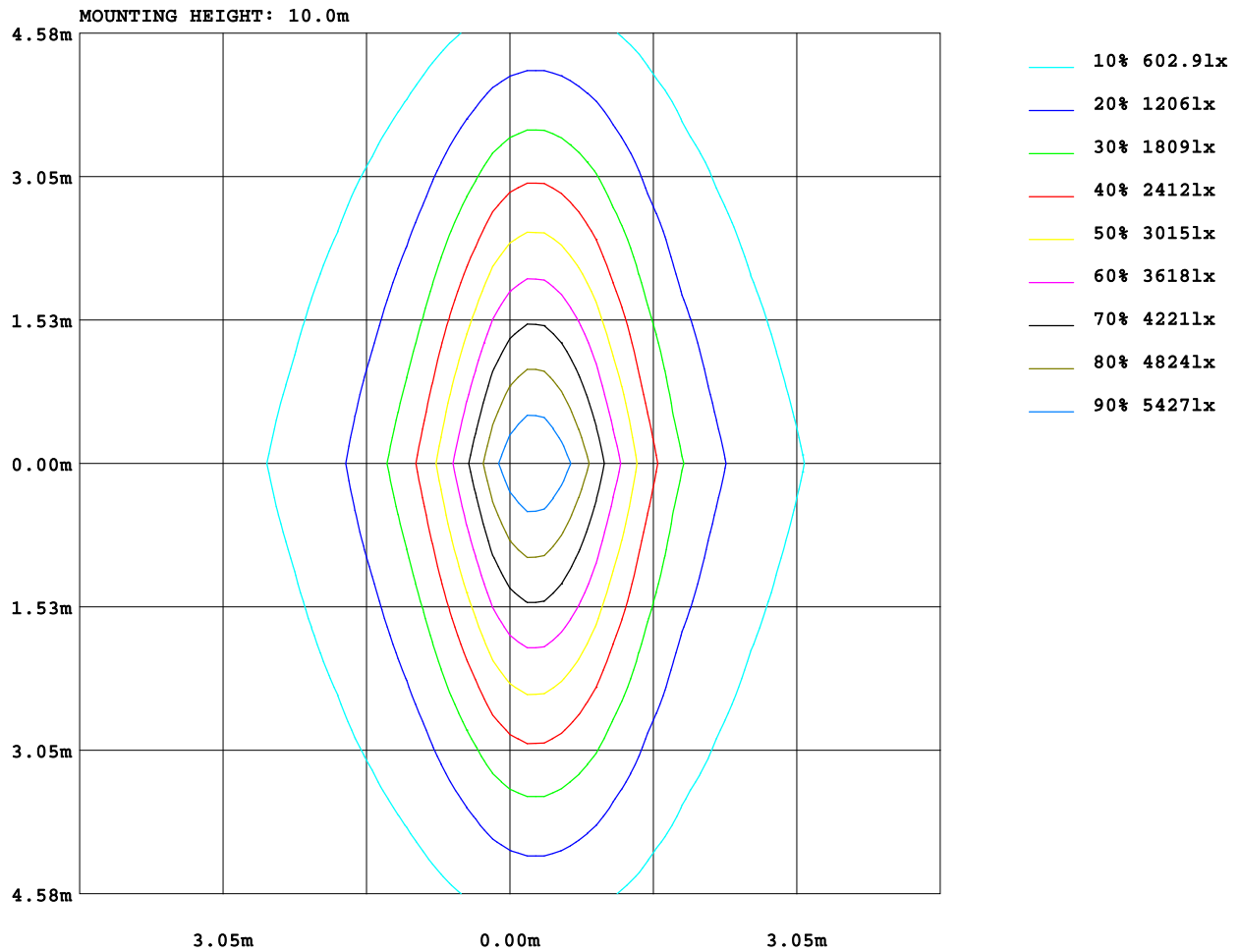
Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年08月04日

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

## ISOLUX DIAGRAM

Report number:

MANUFACTURER: 力天	Address:	
NAME: LT-GK-018-600w-15度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900  
Temperature:25.3DEG  
Operators:  
Test Date:2018年08月04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: 力天						Address:				
NAME: LT-GK-018-600w-15度						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	20.3	21.1	20.5	21.2	21.4	20.3	21.1	20.5	21.2	21.4
3H	21.3	22.0	21.6	22.2	22.4	21.4	22.1	21.6	22.3	22.4
4H	21.7	22.4	22.0	22.6	22.8	21.7	22.4	22.0	22.6	22.8
6H	21.9	22.6	22.2	22.8	23.0	22.0	22.6	22.3	22.9	23.1
8H	22.0	22.6	22.3	22.8	23.1	22.1	22.7	22.4	23.0	23.2
12H	22.0	22.6	22.3	22.8	23.1	22.2	22.8	22.5	23.1	23.3
4H 2H	20.8	21.4	21.0	21.6	21.8	20.8	21.4	21.0	21.6	21.9
3H	21.9	22.5	22.2	22.8	23.0	22.0	22.5	22.3	22.8	23.1
4H	22.4	22.9	22.7	23.2	23.5	22.4	22.9	22.7	23.2	23.5
6H	22.6	23.1	23.0	23.4	23.8	22.8	23.2	23.1	23.6	23.9
8H	22.7	23.2	23.1	23.5	23.9	22.9	23.4	23.3	23.7	24.1
12H	22.7	23.1	23.1	23.5	23.9	23.1	23.5	23.5	23.9	24.2
8H 4H	22.5	22.9	22.9	23.3	23.6	22.5	23.0	22.9	23.3	23.7
6H	22.8	23.2	23.2	23.6	24.0	23.0	23.4	23.4	23.7	24.2
8H	22.9	23.2	23.4	23.7	24.1	23.2	23.6	23.7	24.0	24.4
12H	22.9	23.2	23.4	23.7	24.1	23.4	23.7	23.9	24.2	24.6
12H 4H	22.4	22.9	22.9	23.2	23.6	22.5	22.9	22.9	23.3	23.6
6H	22.8	23.2	23.3	23.6	24.0	23.0	23.3	23.4	23.7	24.2
8H	22.9	23.2	23.4	23.7	24.1	23.3	23.5	23.7	24.0	24.4
Variations with the observer position at spacings:										
S = 1.0H	+ 0.2 / - 0.3					+ 0.3 / - 0.4				
1.5H	+ 0.3 / - 0.3					+ 0.2 / - 0.3				
2.0H	+ 0.7 / - 0.8					+ 0.5 / - 0.7				

CIE Pub.117 Corrected 74669 lm Total Lamp Luminous Flux.(8log(F/F0) = 15.0)

Test System:HOP00 HPG1900  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年08月04日

Test Set: 5.0deg/s B-Beta (TYPE B)  
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