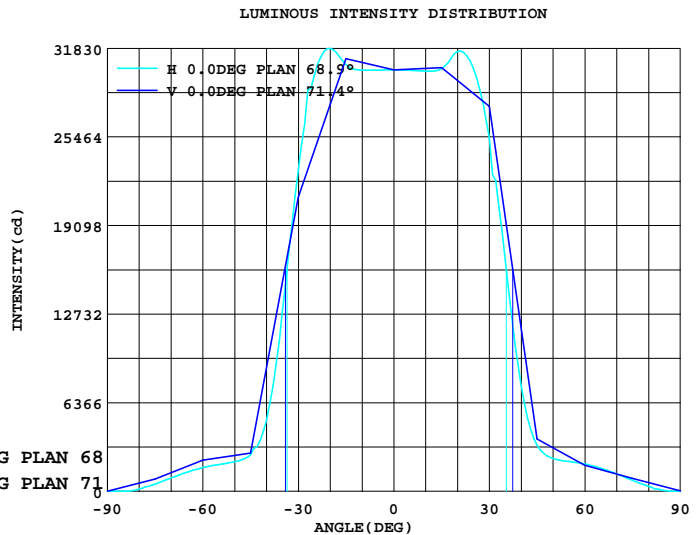
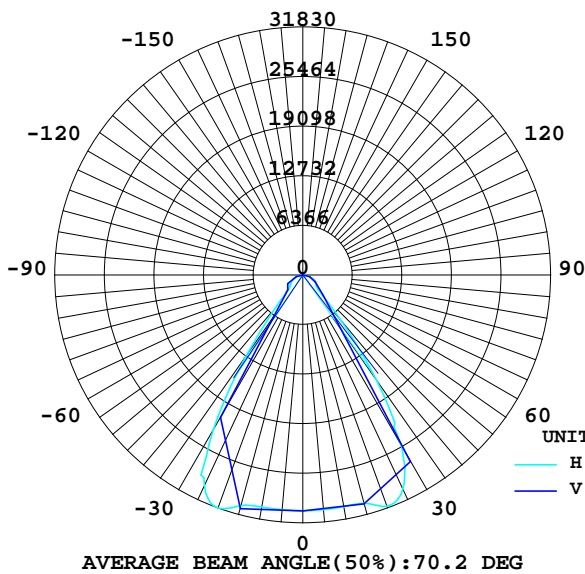


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-GK-018-300W-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	294	Imax(cd):	31940	Voltage(V)	219.1
RATED VOLTAGE(V):	220	AVAILABILITY(%):	87.0	Current(A)	1.349
NOMINAL FLUX(lm):	41642	Avai. FLUX(lm):	36248	Power(W)	291.8
TEST FLUX(lm):	41642	EFFICIENCY(%):	100.0	Power Factor(PF)	0.987
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	41642	EFFICIENCY(lm/W)	142.7
Effective Flux(lm) :	36248.3	θ @50%(H, V):	64.0,62.6DEG	EEL:	0.110



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月01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-018-300W-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

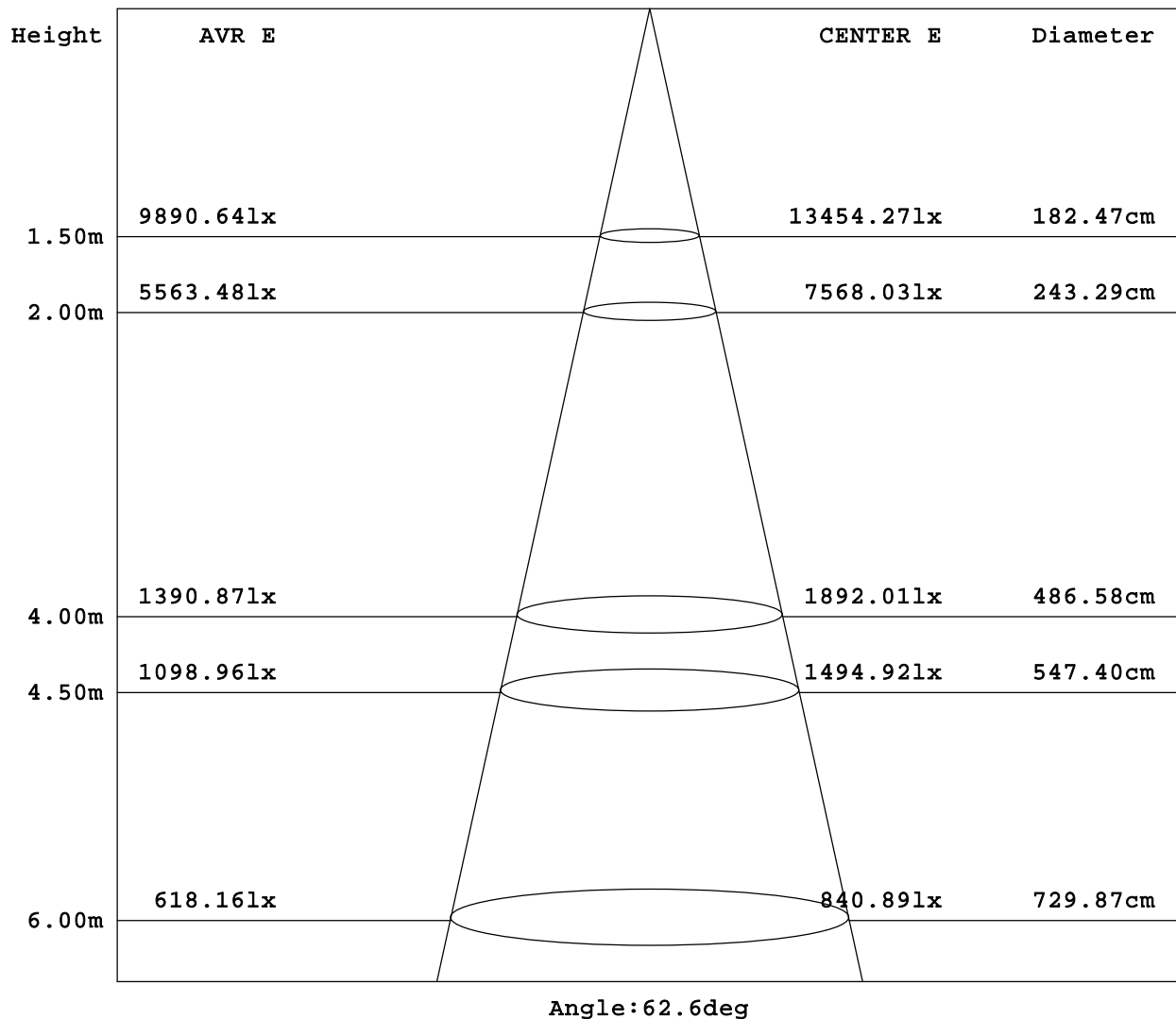
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2018年08月01日

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-018-300W-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018年08月01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-018-300W-60度	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

72	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.46	2.08	4.92	8.58	12.6	16.9	21.0	24.1	25.7	25.9	24.6	21.8	17.6	12.8	8.59	5.05	2.30	0.62	236	0.00		
64	1.55	4.59	9.19	14.6	20.3	25.8	30.6	34.0	35.6	35.6	34.2	31.3	26.9	21.4	15.5	9.93	5.27	2.02	359	0.00		
56	3.29	8.36	15.2	22.7	30.1	36.5	41.5	45.0	46.1	45.7	44.3	41.9	38.2	32.8	25.2	16.9	9.77	4.27	509	0.00		
48	4.70	11.1	18.9	26.6	33.5	40.5	48.6	59.1	67.6	68.3	60.8	50.7	42.8	36.3	29.0	20.7	12.6	5.92	638	165		
40	6.18	13.9	22.5	30.0	36.2	43.5	55.2	74.0	91.2	93.4	78.7	59.4	46.4	38.9	32.2	24.3	15.5	7.64	770	387		
32	7.06	15.1	23.4	30.9	46.8	113	262	413	490	493	429	296	143	56.1	33.5	25.2	16.9	8.74	2903	2661		
24	8.01	16.6	24.8	32.4	56.5	173	440	704	832	836	729	499	226	71.5	35.4	26.5	18.6	9.91	4738	4543		
VERTICAL (DEG)	8.32	16.7	24.7	37.6	128	391	611	656	653	653	651	624	456	191	49.8	26.6	18.6	10.2	5206	5053		
	8.92	17.5	25.5	41.6	174	540	764	708	640	638	688	757	619	268	59.6	27.5	19.4	10.9	6008	5860		
	8.41	16.7	24.6	45.7	195	474	581	574	587	587	572	574	485	248	62.5	27.6	19.3	10.6	5091	4951		
	8.50	16.8	24.7	47.5	210	493	581	570	588	587	568	570	493	259	65.1	28.1	19.7	10.8	5140	5005		
	7.80	16.0	24.1	32.2	80.0	279	510	613	616	612	609	529	340	124	38.7	26.7	18.8	9.94	4484	4307		
-24	7.33	15.4	23.6	28.6	43.2	181	407	545	565	562	546	435	241	74.1	31.7	26.4	18.4	9.44	3760	3552		
-32	5.99	13.5	22.1	28.4	18.0	10.6	66.6	209	314	321	235	93.8	15.3	11.3	28.4	25.5	16.6	7.96	1444	1233		
-40	4.99	11.8	20.3	26.7	16.5	13.5	11.6	63.6	147	153	84.7	14.8	13.4	13.8	25.9	23.6	14.6	6.66	666	408		
-48	3.57	9.09	17.1	26.5	32.4	20.8	2.02	0.00	0.00	0.00	0.00	1.09	15.7	32.2	28.6	19.6	10.9	4.59	225	0.00		
-56	2.21	6.26	12.7	20.9	26.9	19.8	17.9	19.8	20.9	21.4	21.1	19.4	18.6	27.1	22.9	14.7	7.65	2.86	304	0.00		
-64	0.66	2.76	6.60	12.5	19.7	27.0	32.9	36.4	38.1	39.1	39.3	36.3	30.0	22.0	14.3	8.04	3.57	0.93	371	0.00		
-72																						
-72 -64 -56 -48 -40 -32 -24 -16 HORIZONTAL (DEG) 16 24 32 40 48 56 64 72																						
Φ t	98.0	215	346	515	1181	2898	4484	5348	5755	5770	5415	4653	3269	1541	608	383	249	124	41642			
Φ a	0.00	0.00	0.00	83.3	851	2630	4222	5145	5561	5575	5218	4405	2996	1247	191	0.00	0.00	0.00		36248		

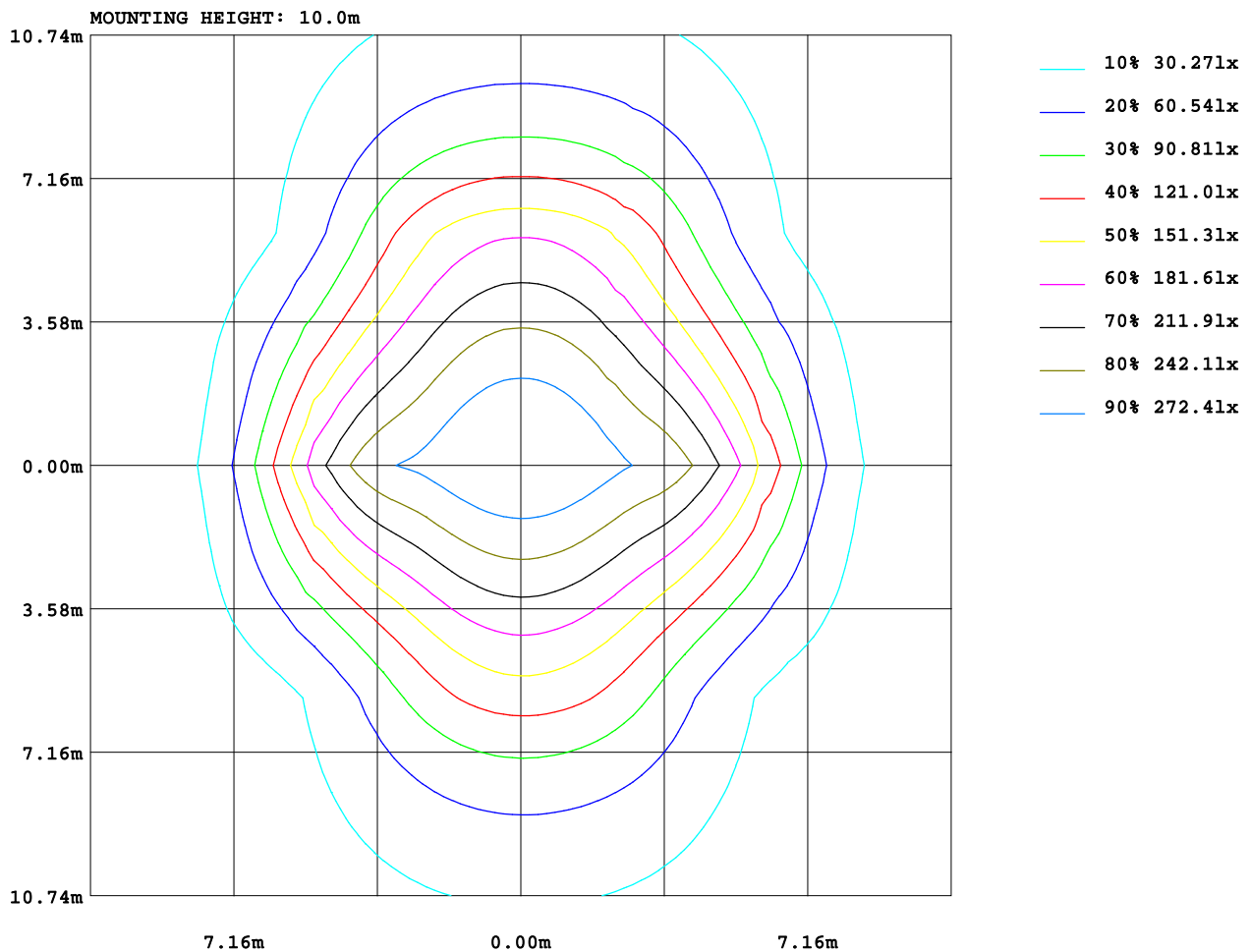
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月01日

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-018-300W-60度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2018年08月01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-018-300W-60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	23.9	25.0	24.1	25.2	25.4	24.3	25.4	24.5	25.6	25.8
3H	24.8	25.8	25.1	26.0	26.2	25.2	26.3	25.5	26.5	26.7
4H	25.1	26.1	25.4	26.3	26.5	25.6	26.6	25.9	26.8	27.0
6H	25.2	26.1	25.5	26.4	26.7	25.9	26.8	26.2	27.1	27.3
8H	25.2	26.1	25.5	26.4	26.6	26.0	26.9	26.3	27.2	27.4
12H	25.2	26.0	25.5	26.3	26.6	26.1	27.0	26.4	27.2	27.5
4H 2H	24.2	25.2	24.5	25.4	25.7	24.6	25.5	24.8	25.8	26.0
3H	25.3	26.2	25.7	26.4	26.7	25.7	26.6	26.1	26.8	27.1
4H	25.7	26.5	26.1	26.8	27.1	26.2	27.0	26.5	27.3	27.6
6H	25.9	26.6	26.3	26.9	27.3	26.6	27.3	27.0	27.6	28.0
8H	25.9	26.5	26.3	26.9	27.3	26.8	27.4	27.2	27.8	28.1
12H	25.9	26.4	26.3	26.8	27.2	26.9	27.5	27.3	27.9	28.3
8H 4H	25.8	26.5	26.2	26.8	27.2	26.3	26.9	26.7	27.2	27.6
6H	26.1	26.6	26.5	27.0	27.4	26.8	27.3	27.2	27.7	28.1
8H	26.1	26.5	26.5	27.0	27.4	27.0	27.5	27.5	27.9	28.3
12H	26.0	26.4	26.5	26.9	27.3	27.3	27.7	27.7	28.1	28.6
12H 4H	25.8	26.4	26.2	26.8	27.2	26.2	26.8	26.6	27.2	27.6
6H	26.1	26.5	26.5	26.9	27.4	26.8	27.2	27.2	27.6	28.1
8H	26.1	26.5	26.6	26.9	27.4	27.0	27.4	27.5	27.9	28.3
Variations with the observer position at spacings:										
S = 1.0H	+ 1.2 / - 1.0					+ 0.8 / - 0.9				
1.5H	+ 2.6 / - 1.0					+ 1.9 / - 1.0				
2.0H	+ 0.2 / - 0.4					+ 0.4 / - 0.6				

CIE Pub.117 Corrected 41642 lm Total Lamp Luminous Flux.(8log(F/F0) = 13.0)

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月01日

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