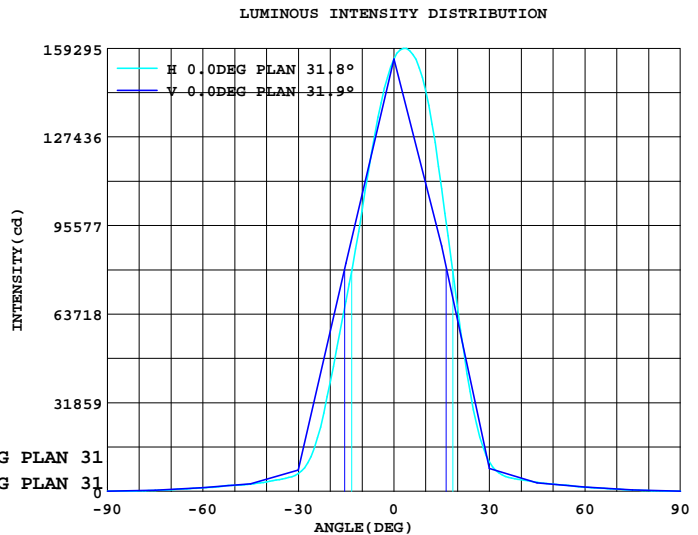
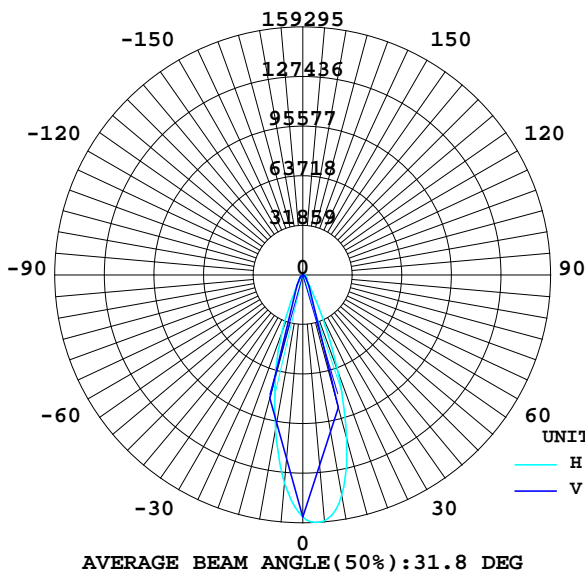


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LITIAN	Address:	
NAME: LT-GK-018-500W-40度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	474	Imax(cd):	159295	Voltage(V)	218.6
RATED VOLTAGE(V):	218	AVAILABILITY(%):	81.2	Current(A)	2.180
NOMINAL FLUX(lm):	56490	Avai. FLUX(lm):	45886	Power(W)	473.7
TEST FLUX(lm):	56490	EFFICIENCY(%):	100.0	Power Factor(PF)	0.993
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	56490	EFFICIENCY(lm/W)	119.3
Effective Flux(lm) :	45886.0	θ @50%(H, V):	31.8,32.4DEG	EEl:	0.141



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月02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-018-500W-40度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

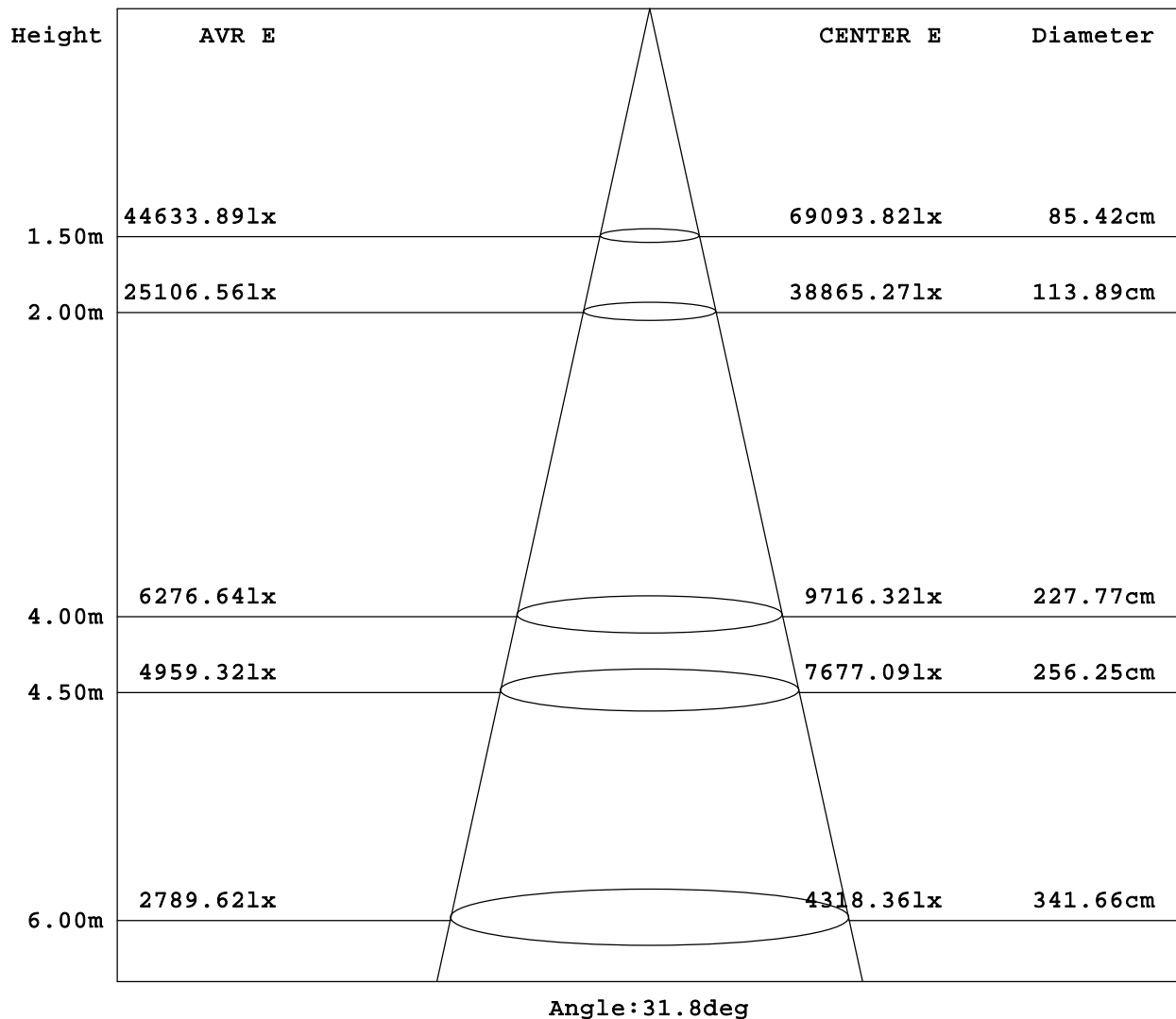
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2018年08月02日

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-018-500W-40度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2018年08月02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-018-500W-40度	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm				Φ t	Φ a
	8.51	11.5	15.3	15.8	18.3	19.3	20.8	22.7	24.7	25.4	24.5	22.4	20.9	19.4	17.8	15.7	14.1	10.4	329	0.00				
45																								
40	9.62	13.3	17.9	18.3	21.0	21.9	23.7	25.9	28.5	29.4	28.3	25.6	23.7	22.4	20.7	18.4	16.6	12.1	378	0.00				
35																								
30	10.7	15.2	20.5	20.8	23.8	24.6	26.5	29.2	32.2	33.4	32.1	28.8	26.6	25.3	23.6	21.0	19.0	13.8	428	0.00				
25	12.7	15.4	19.5	25.8	32.5	39.9	47.8	58.2	66.4	69.3	63.8	54.1	44.4	36.4	29.9	23.9	18.5	14.4	674	0.00				
20	14.0	16.8	21.1	29.0	36.9	46.2	55.9	68.8	78.9	82.3	75.5	63.6	51.5	41.7	33.7	26.6	20.0	15.7	779	0.00				
15	15.4	18.1	22.7	32.2	41.4	52.4	64.1	79.4	91.3	95.4	87.3	73.1	58.7	47.0	37.6	29.4	21.6	17.1	885	0.00				
	14.4	20.6	29.7	42.7	88.1	203	396	586	730	785	726	566	352	163	68.1	36.3	26.4	18.7	4852	4518				
	15.1	22.3	32.8	48.0	105	250	496	739	921	991	917	713	441	199	79.6	40.3	28.9	20.1	6061	5732				
	15.8	24.0	35.9	53.2	121	298	597	891	1112	1197	1108	861	530	236	91.1	44.2	31.4	21.5	7270	6942				
	17.0	24.4	33.9	69.1	202	426	670	957	1195	1294	1245	1030	692	359	134	48.6	28.5	21.5	8447	8167				
	17.8	25.7	35.6	77.3	237	497	763	1085	1355	1470	1421	1184	801	420	154	52.6	29.5	22.5	9647	9386				
-15	18.7	27.1	37.3	85.6	272	567	856	1213	1515	1645	1596	1338	911	481	174	56.7	30.5	23.5	10847	10577				
-20	13.1	18.8	27.3	35.2	62.9	148	297	415	501	544	510	402	253	114	51.8	32.0	24.0	16.9	3467	3118				
-25	12.2	17.4	25.6	26.7	28.2	79.2	203	279	326	354	326	245	143	53.3	31.4	27.8	22.9	15.8	2216	1877				
-30	11.2	16.0	23.9	18.2	2.16	22.7	110	142	151	165	141	87.3	37.7	4.38	12.0	23.7	21.7	14.6	1004	571				
-35	10.7	12.8	16.1	20.2	20.3	13.3	8.58	8.33	8.31	7.78	7.00	6.57	8.12	14.3	20.6	19.1	15.3	12.1	230	0.00				
-40	9.93	10.9	12.6	14.7	5.76	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.15	9.09	14.8	12.7	10.6	102	0.00				
-45	9.10	9.00	9.22	9.22	0.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.19	10.5	10.0	9.09	69.1	0.00				
	-45	-40	-35	-30	-25	-20	-15	-10	HORIZONTAL (DEG)				10	15	20	25	30	35	40	45				
Φ t	237	320	438	643	1320	2709	4634	6600	8137	8787	8310	6700	4396	2237	992	543	393	291	56490					
Φ a	0.00	0.00	0.00	44.7	862	2395	4335	6272	7767	8421	7962	6379	4098	1918	434	0.00	0.00	0.00		45886				

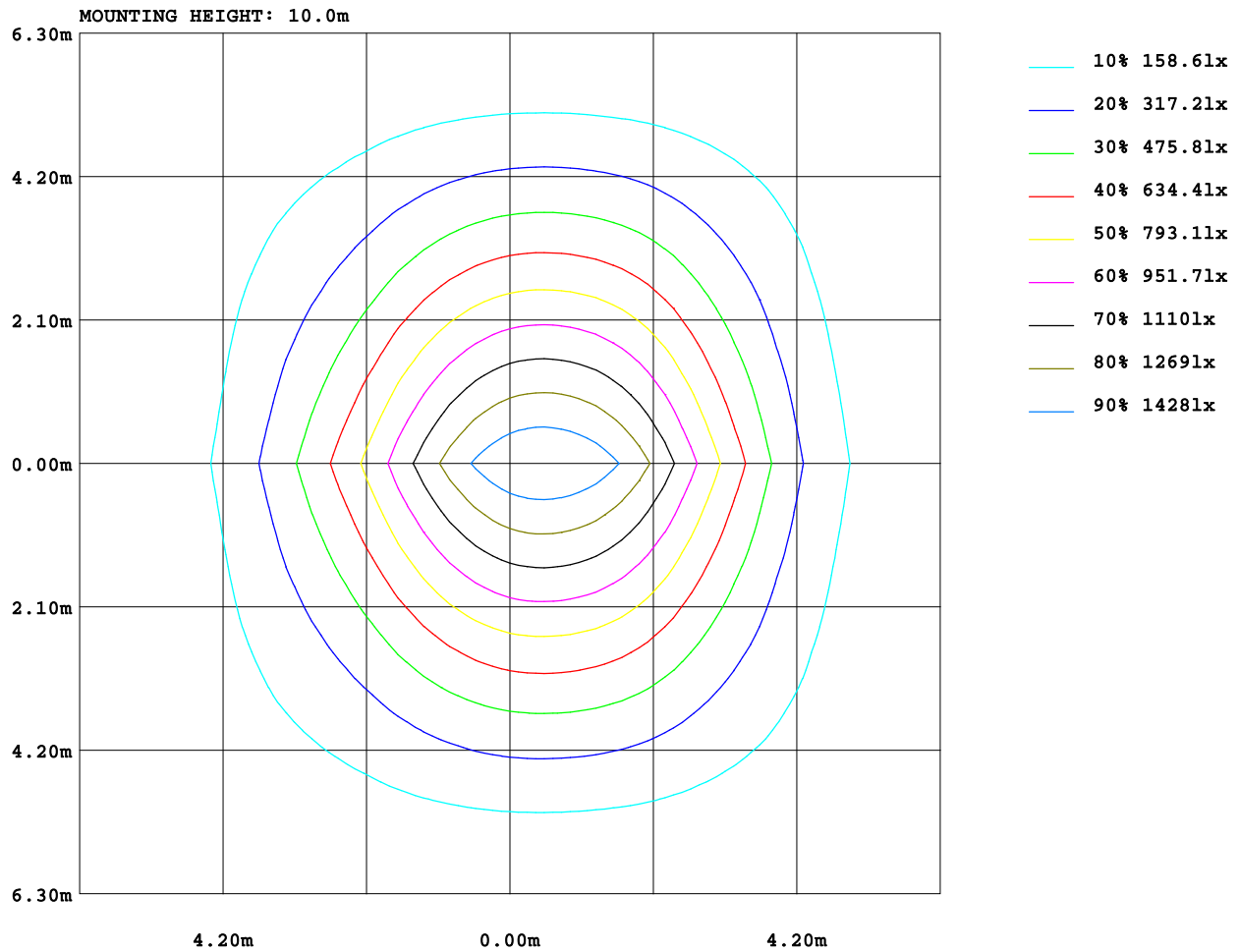
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2018年08月02日

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-018-500W-40度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2018年08月02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-018-500W-40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	19.8	20.6	20.0	20.8	21.0	19.5	20.4	19.7	20.5	20.7
3H	20.6	21.4	20.8	21.6	21.8	20.4	21.2	20.6	21.4	21.6
4H	20.8	21.6	21.1	21.8	22.0	20.6	21.4	20.9	21.6	21.8
6H	21.0	21.7	21.2	21.9	22.1	20.8	21.5	21.1	21.7	22.0
8H	21.0	21.7	21.3	21.9	22.2	20.9	21.5	21.2	21.8	22.1
12H	21.0	21.6	21.3	21.9	22.2	20.9	21.6	21.2	21.8	22.1
4H 2H	20.1	20.9	20.4	21.1	21.3	19.9	20.6	20.1	20.8	21.0
3H	21.0	21.7	21.3	21.9	22.2	20.9	21.5	21.2	21.8	22.1
4H	21.4	21.9	21.7	22.2	22.5	21.2	21.8	21.6	22.1	22.4
6H	21.6	22.1	21.9	22.4	22.8	21.5	22.0	21.9	22.4	22.7
8H	21.6	22.1	22.0	22.5	22.8	21.6	22.1	22.0	22.5	22.8
12H	21.6	22.1	22.0	22.4	22.8	21.7	22.2	22.1	22.5	22.9
8H 4H	21.4	21.9	21.8	22.3	22.6	21.3	21.8	21.7	22.1	22.5
6H	21.7	22.1	22.1	22.5	22.9	21.7	22.1	22.1	22.5	22.9
8H	21.8	22.1	22.2	22.6	23.0	21.9	22.2	22.3	22.7	23.1
12H	21.8	22.1	22.3	22.6	23.0	22.1	22.4	22.5	22.8	23.3
12H 4H	21.4	21.9	21.8	22.2	22.6	21.3	21.7	21.7	22.1	22.5
6H	21.7	22.1	22.2	22.5	22.9	21.7	22.0	22.1	22.5	22.9
8H	21.8	22.1	22.3	22.5	23.0	21.9	22.2	22.4	22.7	23.1
Variations with the observer position at spacings:										
S = 1.0H	+ 0.5 / - 0.5					+ 0.4 / - 0.6				
1.5H	+ 0.4 / - 0.4					+ 0.6 / - 0.3				
2.0H	+ 0.9 / - 1.0					+ 0.6 / - 0.8				

CIE Pub.117 Corrected 56490 lm Total Lamp Luminous Flux.(8log(F/F0) = 14.0)

Test System:HOP00 HPG1900
 Temperature:25.3DEG
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Test Set: 5.0deg/s B-Beta (TYPE B)
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