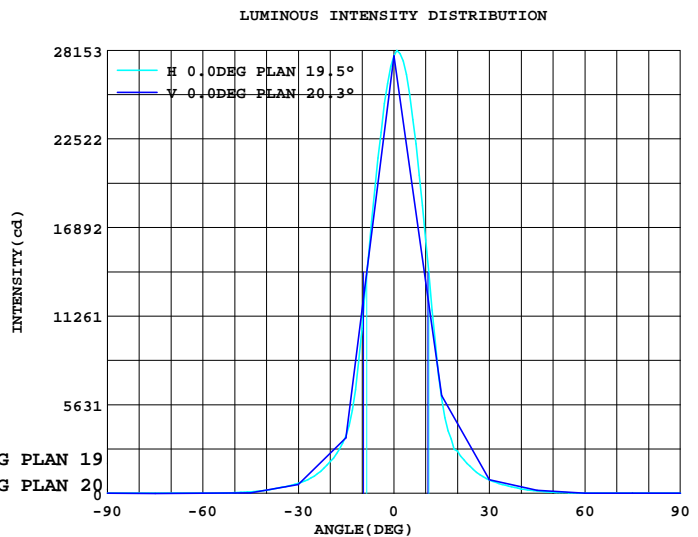
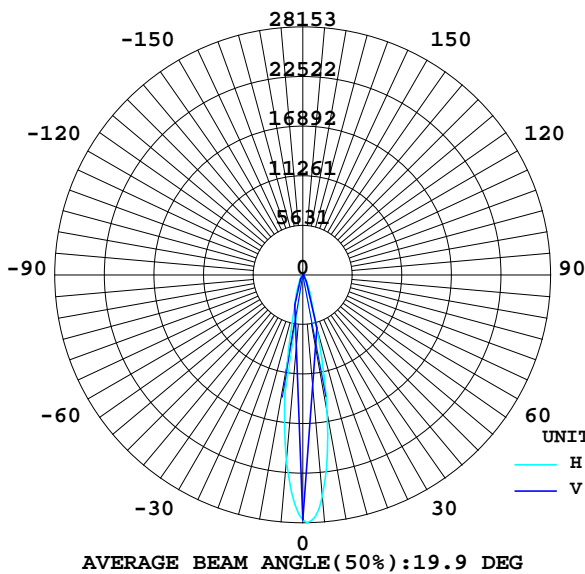


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LI TIAN LIGHTING	Address:	
NAME: LT-SL-40W-30K/20°	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	40	Imax(cd):	28153	Voltage(V)	219.6
RATED VOLTAGE(V):	220	AVAILABILITY(%):	72.7	Current(A)	0.185
NOMINAL FLUX(lm):	4401	Avail. FLUX(lm):	3201	Power(W)	39.65
TEST FLUX(lm):	4401	EFFICIENCY(%):	100.0	Power Factor(PF)	0.975
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	4401	EFFICIENCY(lm/W)	111.0
Effective Flux(lm) :	3201.3	θ @50%(H, V):	19.5,20.4DEG	EEl:	0.169



Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2020年05月12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-SL-40W/15-20度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

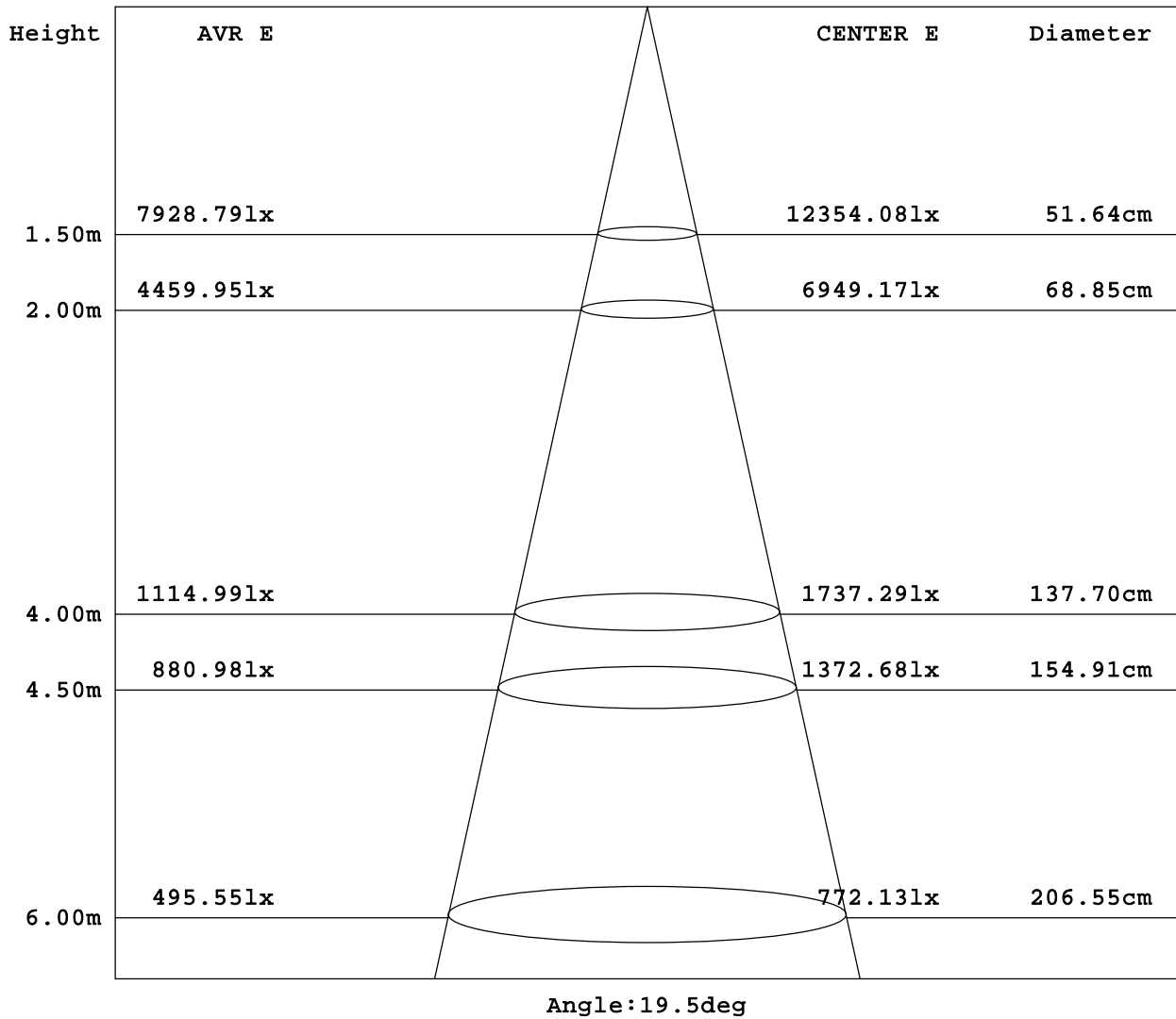
Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2020年05月12日

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-SL-40W/15-20度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System: HOP00 HPG1900
 Temperature: 25.3DEG
 Operators:
 Test Date: 2020年05月12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-SL-40W/15-20度	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

27	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.98	1.19	1.43	1.70	1.98	2.26	2.51	2.71	2.86	2.91	2.87	2.73	2.52	2.27	1.98	1.68	1.42	1.17	37.2	0.00		
24	1.09	1.33	1.61	1.90	2.22	2.54	2.82	3.05	3.22	3.28	3.23	3.07	2.83	2.55	2.22	1.89	1.58	1.30	41.8	0.00		
21	1.20	1.47	1.78	2.11	2.47	2.82	3.13	3.39	3.58	3.65	3.59	3.41	3.15	2.83	2.46	2.09	1.75	1.44	46.4	0.00		
18	1.31	1.61	1.95	2.31	2.71	3.10	3.44	3.74	3.94	4.02	3.95	3.76	3.46	3.11	2.71	2.29	1.92	1.57	50.9	0.00		
15	2.00	2.68	3.72	5.07	6.62	8.44	10.9	14.2	17.5	18.8	17.3	14.1	11.4	8.66	6.66	5.00	3.61	2.55	160	122		
12	2.21	2.99	4.18	5.74	7.53	9.65	12.6	16.3	20.3	21.8	20.1	16.2	13.1	9.90	7.58	5.66	4.05	2.84	183	149		
9	2.43	3.30	4.65	6.41	8.44	10.8	14.2	18.5	23.0	24.8	22.8	18.4	14.8	11.1	8.49	6.31	4.50	3.12	207	175		
	2.65	3.61	5.11	7.08	9.35	12.0	15.8	20.7	25.8	27.8	25.5	20.5	16.5	12.3	9.41	6.97	4.94	3.41	230	201		
	2.86	3.92	5.57	7.75	10.2	13.2	17.4	22.9	28.6	30.8	28.3	22.7	18.2	13.6	10.3	7.63	5.39	3.70	253	227		
	2.63	3.90	5.70	8.14	13.1	27.3	47.1	65.4	78.6	83.0	76.4	62.2	43.4	24.2	12.1	7.30	5.31	3.62	570	544		
	2.77	4.15	6.11	8.76	14.4	30.9	53.8	75.0	90.0	94.9	87.4	71.1	49.3	27.1	13.2	7.78	5.65	3.84	647	623		
-9	2.90	4.40	6.51	9.38	15.7	34.4	60.5	84.5	101	107	98.4	80.1	55.3	30.1	14.2	8.25	6.00	4.06	724	701		
-12	3.03	4.65	6.91	10.0	16.9	38.0	67.3	94.0	113	119	109	89.0	61.3	33.0	15.3	8.73	6.35	4.28	800	778		
-15	3.17	4.90	7.31	10.6	18.2	41.5	74.0	104	124	131	120	98.0	67.3	36.0	16.4	9.21	6.70	4.50	877	856		
-18	1.51	1.94	2.57	3.40	4.15	4.15	3.72	3.46	3.50	3.49	3.42	3.36	3.69	4.08	3.92	3.14	2.36	1.78	57.7	0.00		
-21	1.31	1.61	2.04	2.59	2.63	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.03	1.00	2.52	2.43	1.85	1.47	20.2	0.00		
-24	1.12	1.27	1.51	1.79	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	1.12	1.72	1.35	1.15	12.2	0.00		
-27	0.93	0.94	0.98	0.98	0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.16	1.01	0.85	0.84	6.93	0.00		
-27 -24 -21 -18 -15 -12 -9 -6 HORIZONTAL(DEG) 6 9 12 15 18 21 24 27																						
Φ t	36.1	49.9	69.7	95.7	138	242	390	532	639	676	624	509	367	222	131	89.1	65.6	46.7	4401			
Φ a	0.00	0.00	7.03	52.5	111	226	374	515	622	659	607	493	351	206	105	45.4	3.33	0.00		3201		

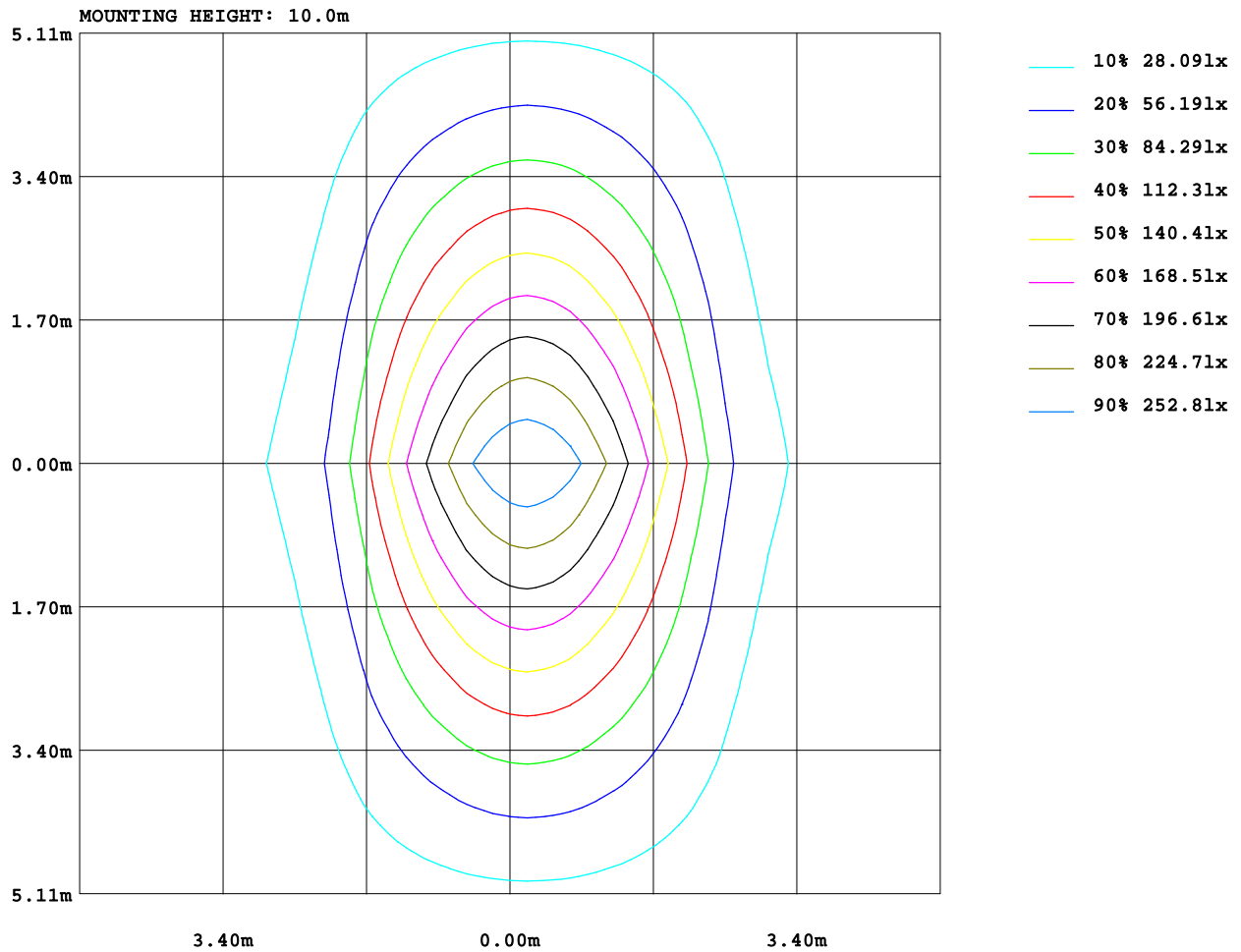
Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2020年05月12日

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-SL-40W/15-20度	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Test System:HOP00 HPG1900
Temperature:25.3DEG
Operators:
Test Date:2020年05月12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-SL-40W/15-20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				
x = 2H y = 2H						Viewed endwise				
3H						4.1	4.8	4.3	4.9	5.1
4H						4.0	4.6	4.2	4.8	5.0
6H						3.9	4.5	4.1	4.7	4.9
8H						3.8	4.4	4.1	4.6	4.8
12H						3.7	4.3	4.0	4.5	4.8
4H 2H						3.7	4.2	4.0	4.5	4.8
3H						5.3	5.9	5.6	6.1	6.4
4H						5.2	5.7	5.5	6.0	6.2
6H						5.1	5.6	5.4	5.9	6.2
8H						3.6	4.1	4.0	4.4	4.7
12H						3.5	4.0	3.9	4.3	4.6
4H 4H						3.5	3.9	3.9	4.2	4.6
6H						3.4	3.8	3.8	4.1	4.5
8H						3.4	3.7	3.8	4.1	4.5
12H						3.3	3.6	3.7	4.0	4.4
4H 8H						3.2	3.5	3.7	3.9	4.4
6H						4.8	5.0	5.2	5.5	5.9
8H						4.8	5.3	5.3	5.7	6.1
12H						4.9	5.1	5.3	5.5	6.0
4H 12H						4.8	5.4	5.4	5.7	6.1
6H						4.8	5.0	5.2	5.4	5.9
8H						4.8	5.3	5.3	5.6	6.0
12H						4.8	5.1	5.2	5.5	5.9
4H 12H						4.8	5.0	5.2	5.4	5.9
6H						4.8	5.0	5.2	5.4	5.9
8H						4.8	5.0	5.2	5.4	5.9
Variations with the observer position at spacings:										
S = 1.0H		+ 4.3 / -10.3				+ 3.3 / -13.3				
1.5H		+ 6.3 / - 8.4				+ 5.8 / - 8.9				
2.0H		+ 7.8 / -14.1				+ 3.5 / -11.0				

CIE Pub.117 Corrected 4401 lm Total Lamp Luminous Flux.(8log(F/F0) = 5.1)

Test System:HOP00 HPG1900
 Temperature:25.3DEG
 Operators:
 Test Date:2020年05月12日

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