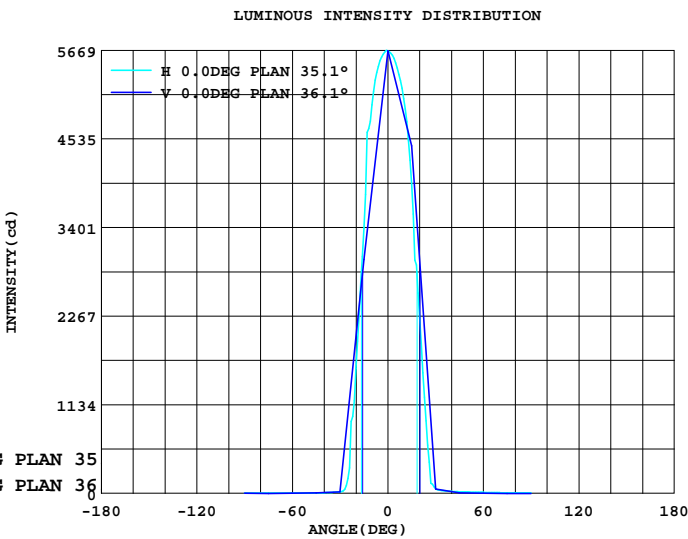
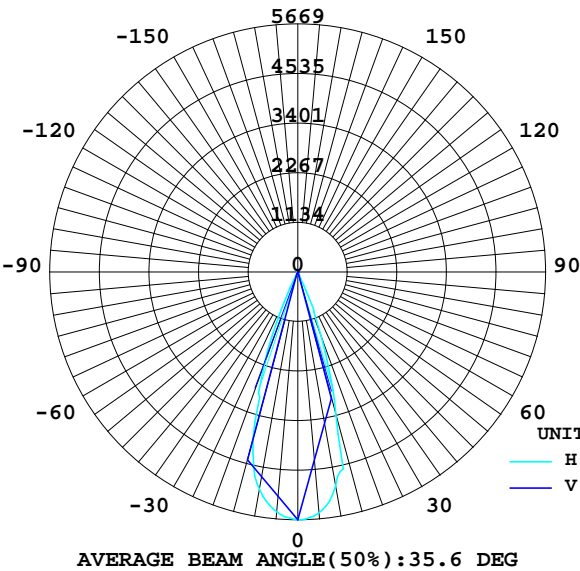


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER: LI-TIAN LIGHTING			
Address:			
NAME: SL-20W-30K-36D		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

MODEL:	3000K				
NOMINAL POWER(W):	20	Imax(cd):	5669	Voltage(V)	219.8
RATED VOLTAGE(V):	220	AVAILABILITY(%):	95.5	Current(A)	0.097
NOMINAL FLUX(lm):	1814.4	Avai. FLUX(lm):	1731.8	Power(W)	20.62
TEST FLUX(lm):	1814.4	EFFICIENCY(%):	100.0	Power Factor(PF)	0.964
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	1814.4	EFFICIENCY(lm/W)	87.9
Effictive Flux(lm) :	1731.8	θ @50%(H, V):	35.1,35.9DEG	EEl:	0.162



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月20日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

Color Temperature Data List

Report number:

MANUFACTURER: LI-TIAN LIGHTING			
Address:			
NAME: SL-20W-30K-36D		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

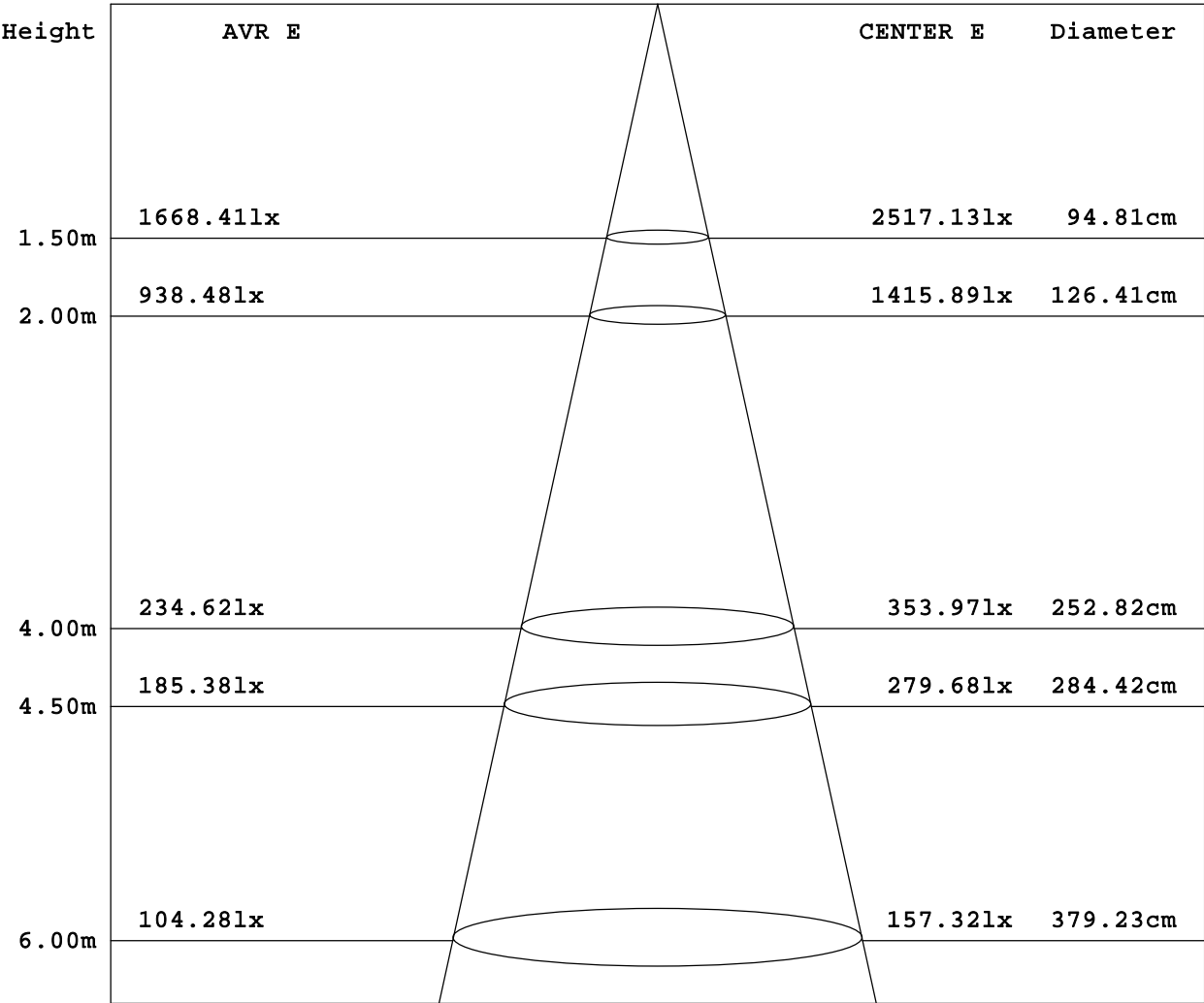
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月20日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER: LI-TIAN LIGHTING			
Address:			
NAME: SL-20W-30K-36D		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Angle:35.1deg

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月20日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AREA LUMINOUS FLUX

Report number:

MANUFACTURER: LI-TIAN LIGHTING																			
Address:																			
NAME: SL-20W-30K-36D										TYPE:					WEIGHT:				
SPECIFICATION:					CCT(K): 0					DIMENSION:					SERIAL No.:				

45	AREA FLUX DIAGRAM																		UNIT:lm		Φ t	Φ a
	0.01	0.02	0.03	0.03	0.04	0.05	0.05	0.06	0.06	0.06	0.06	0.06	0.06	0.05	0.05	0.04	0.04	0.03	0.80	0.00		
40	0.02	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.07	0.07	0.07	0.07	0.07	0.07	0.06	0.06	0.05	0.04	0.04	0.95	0.00	
35	0.02	0.03	0.04	0.05	0.06	0.06	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.07	0.07	0.06	0.05	0.04	1.10	0.00		
30	0.03	0.04	0.05	0.07	0.09	0.13	0.18	0.29	0.45	0.48	0.35	0.22	0.16	0.12	0.09	0.07	0.06	0.05	2.93	0.00		
25	0.03	0.05	0.06	0.08	0.11	0.15	0.22	0.36	0.56	0.60	0.43	0.27	0.19	0.14	0.11	0.08	0.06	0.05	3.56	0.00		
20	0.04	0.05	0.07	0.09	0.13	0.18	0.26	0.43	0.67	0.72	0.52	0.32	0.22	0.16	0.12	0.09	0.07	0.06	4.20	0.00		
15	0.10	0.13	0.19	0.29	1.02	9.28	21.8	31.0	38.3	38.8	34.7	25.2	14.0	4.40	0.30	0.11	0.08	0.06	220	217		
VERTICAL (DEG)	0.12	0.16	0.23	0.36	1.29	11.9	28.0	39.8	49.1	49.8	44.5	32.4	17.9	5.63	0.36	0.13	0.08	0.06	282	278		
	0.14	0.19	0.27	0.42	1.55	14.5	34.2	48.6	60.0	60.8	54.3	39.5	21.9	6.85	0.43	0.14	0.09	0.06	344	341		
	0.03	0.05	0.08	0.34	6.78	19.7	35.3	42.3	44.4	44.2	41.8	36.4	23.6	10.8	1.49	0.29	0.19	0.14	308	306		
	0.01	0.03	0.06	0.37	8.47	23.0	40.1	46.8	47.7	47.3	45.2	40.6	26.9	12.9	1.84	0.35	0.22	0.16	342	340		
-15	0.00	0.01	0.04	0.39	10.1	26.4	44.8	51.3	51.0	50.4	48.7	44.8	30.2	14.9	2.18	0.40	0.26	0.19	377	374		
-20	0.08	0.10	0.14	0.18	0.09	0.96	6.50	13.8	18.4	19.2	16.3	10.1	3.81	0.16	0.04	0.06	0.04	0.03	90.3	86.8		
-25	0.09	0.12	0.16	0.15	0.06	0.00	0.77	6.37	11.4	12.5	9.59	3.44	0.34	0.00	0.00	0.01	0.01	0.01	45.1	42.0		
-30	0.10	0.13	0.17	0.14	0.06	0.00	0.00	0.73	4.52	5.82	2.94	0.09	0.00	0.00	0.00	0.00	0.00	0.00	14.7	10.2		
-35	0.01	0.02	0.02	0.02	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.05	0.05	0.04	0.03	0.30	0.00		
-40	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.04	0.03	0.03	0.14	0.00		
-45	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.03	0.10	0.00		
-45 -40 -35 -30 -25 -20 -15 -10 HORIZONTAL (DEG) 10 15 20 25 30 35 40 45																						
Φ t	0.83	1.14	1.63	3.03	29.9	107	213	283	327	331	300	234	140	56.4	7.22	1.98	1.39	1.05	1814			
Φ a	0.00	0.00	0.00	0.00	26.0	105	211	280	324	328	297	232	137	52.4	3.01	0.00	0.00	0.00		1732		

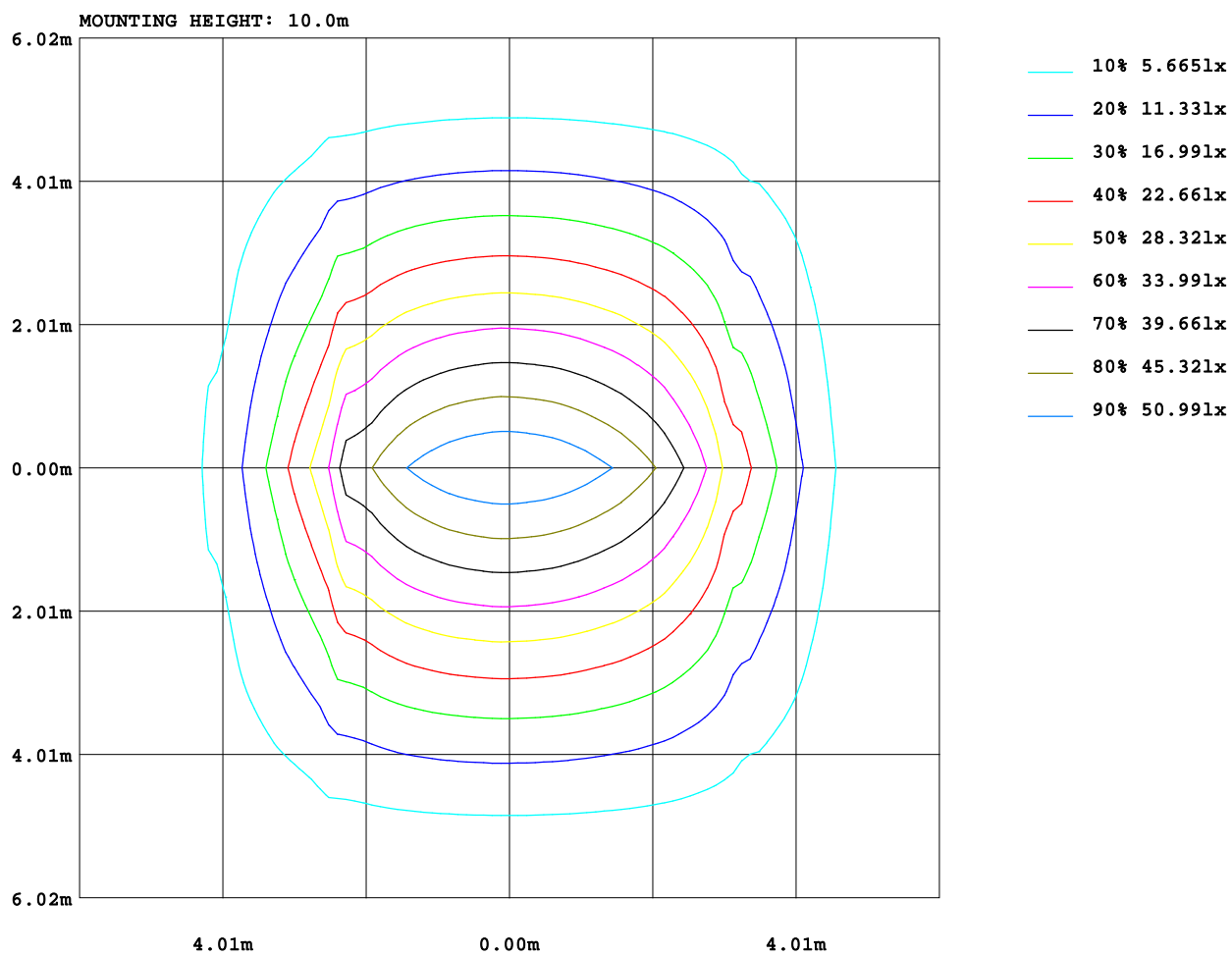
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月20日

Test Set: 8.0deg/s B-Beta (TYPE B)
Humidity:65.0%
Test Distance:10.500 m
Remarks:

ISOLUX DIAGRAM

Report number:

MANUFACTURER: LI-TIAN LIGHTING			
Address:			
NAME: SL-20W-30K-36D		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
Temperature:25.3DEG
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