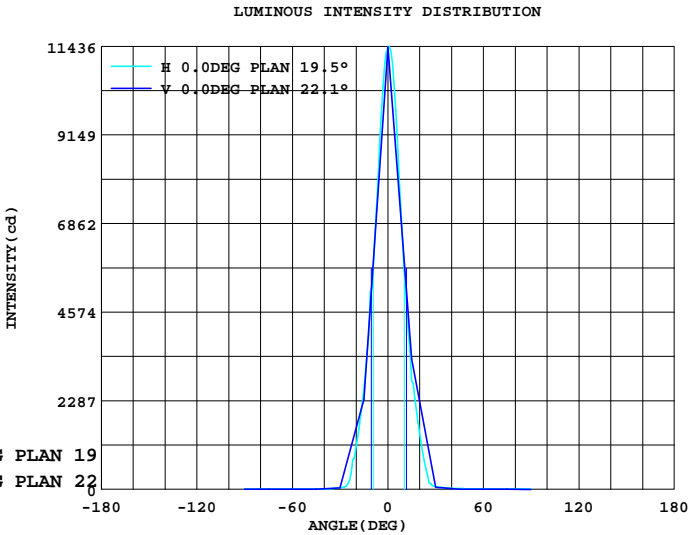
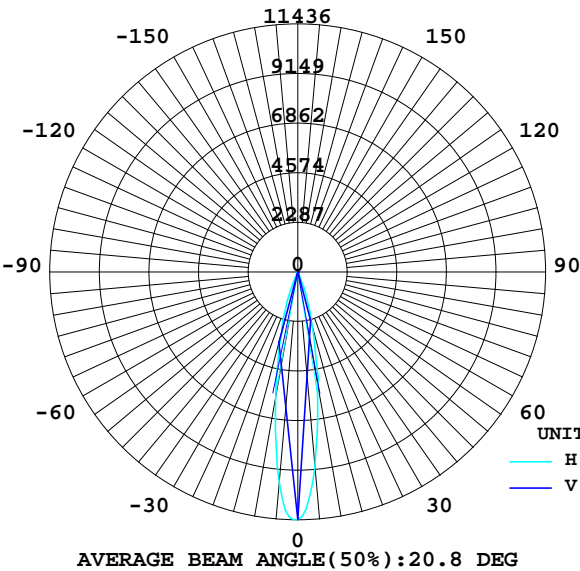


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: SL-20W-30K-18D		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	20	Imax(cd):	11436	Voltage(V)	219.8
RATED VOLTAGE(V):	220	AVAILABILITY(%):	87.7	Current(A)	0.096
NOMINAL FLUX(lm):	1812.8	Avai. FLUX(lm):	1589.3	Power(W)	20.36
TEST FLUX(lm):	1812.8	EFFICIENCY(%):	100.0	Power Factor(PF)	0.963
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	1812.8	EFFICIENCY(lm/W)	89.0
Effictive Flux(lm) :	1589.3	θ @50%(H, V):	19.5,22.1DEG	EEl:	0.175



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月23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:			
Address:			
NAME: SL-20W-30K-18D		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

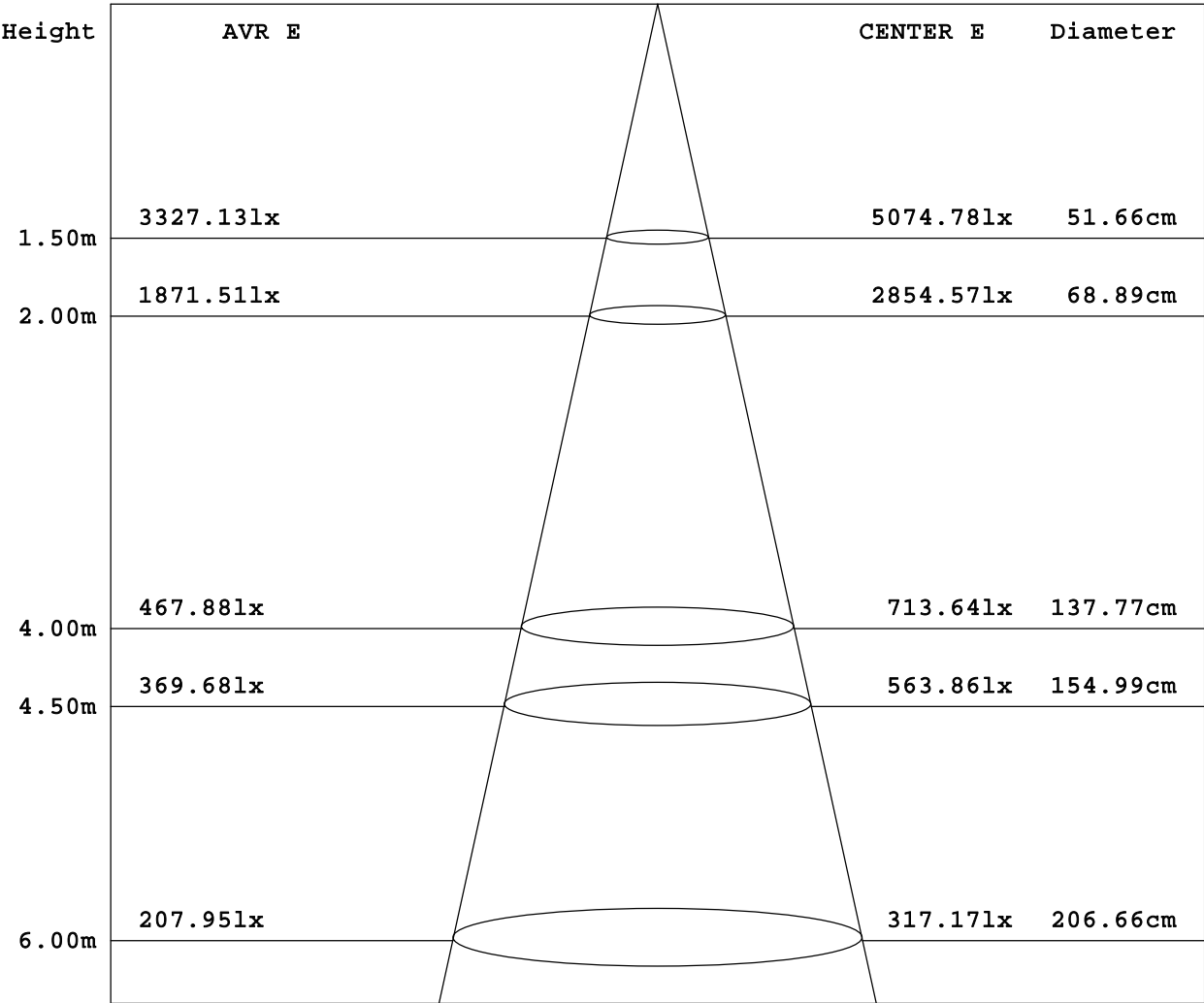
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月23日

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:			
Address:			
NAME: SL-20W-30K-18D		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Angle:19.5deg

Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月23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:																			
Address:																			
NAME: SL-20W-30K-18D										TYPE:					WEIGHT:				
SPECIFICATION:					CCT(K): 0					DIMENSION:					SERIAL No.:				

VERTICAL (DEG)	27	AREA FLUX DIAGRAM																	UNIT:lm		Φ t	Φ a
	24	0.05	0.06	0.08	0.10	0.13	0.15	0.17	0.18	0.19	0.20	0.19	0.17	0.16	0.14	0.12	0.10	0.08	0.06	2.32	0.00	
	21	0.05	0.07	0.09	0.12	0.14	0.17	0.19	0.21	0.22	0.22	0.21	0.20	0.18	0.16	0.13	0.11	0.08	0.06	2.63	0.00	
	18	0.06	0.08	0.10	0.13	0.16	0.19	0.21	0.23	0.25	0.25	0.24	0.22	0.20	0.18	0.15	0.12	0.09	0.07	2.94	0.00	
	15	0.06	0.09	0.12	0.14	0.18	0.21	0.24	0.26	0.28	0.28	0.27	0.25	0.22	0.20	0.17	0.13	0.10	0.08	3.25	0.00	
	12	0.18	0.34	0.89	2.45	4.08	5.70	7.38	8.93	9.95	10.1	9.42	8.03	6.30	4.66	3.04	1.82	0.56	0.18	84.0	76.5	
	9	0.20	0.39	1.04	2.88	4.80	6.72	8.70	10.5	11.7	11.9	11.1	9.47	7.42	5.49	3.58	2.14	0.65	0.20	99.0	92.4	
		0.23	0.44	1.19	3.31	5.53	7.73	10.0	12.1	13.5	13.7	12.7	10.9	8.55	6.32	4.12	2.46	0.75	0.23	114	109	
		0.25	0.49	1.34	3.74	6.25	8.75	11.3	13.7	15.3	15.5	14.4	12.3	9.67	7.15	4.65	2.77	0.84	0.25	129	124	
		0.28	0.54	1.49	4.17	6.98	9.76	12.6	15.3	17.0	17.3	16.1	13.7	10.7	7.98	5.19	3.09	0.93	0.27	144	140	
		0.26	1.49	3.32	5.75	8.95	14.6	20.2	27.5	32.7	33.5	29.6	22.6	15.9	10.4	7.05	4.32	2.20	0.68	242	236	
		0.28	1.70	3.77	6.38	9.90	16.4	22.7	31.1	37.0	37.9	33.5	25.4	17.8	11.5	7.83	4.80	2.51	0.78	272	267	
	-9	0.30	1.92	4.23	7.02	10.8	18.1	25.2	34.6	41.3	42.3	37.3	28.2	19.7	12.6	8.61	5.29	2.82	0.87	302	297	
	-12	0.32	2.13	4.68	7.66	11.8	19.8	27.6	38.1	45.6	46.7	41.1	31.0	21.5	13.7	9.39	5.77	3.12	0.96	332	328	
	-15	0.33	2.35	5.14	8.30	12.7	21.5	30.1	41.7	49.9	51.1	45.0	33.7	23.4	14.8	10.1	6.25	3.43	1.05	361	358	
	-18	0.11	0.07	0.10	0.72	1.68	2.55	3.35	3.68	3.83	3.90	3.86	3.71	3.14	2.27	1.53	0.38	0.06	0.07	35.0	20.4	
	-21	0.09	0.01	0.00	0.08	0.48	0.59	0.65	0.34	0.20	0.19	0.32	0.70	0.99	0.90	0.61	0.02	0.00	0.01	6.17	0.00	
	-24	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.04	0.11	0.00	0.00	0.00	0.22	0.00	
	-27	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.05	0.00	
			-27	-24	-21	-18	-15	-12	-9	-6	HORIZONTAL (DEG)				6	9	12	15	18	21	24	27
Φ t		3.15	12.1	27.6	53.0	84.7	133	181	239	279	285	256	201	146	98.7	66.4	39.6	18.2	5.83	1813		
Φ a		0.00	2.07	20.2	46.4	81.9	130	178	237	277	284	254	199	143	95.2	61.5	31.7	7.41	0.00		1589	

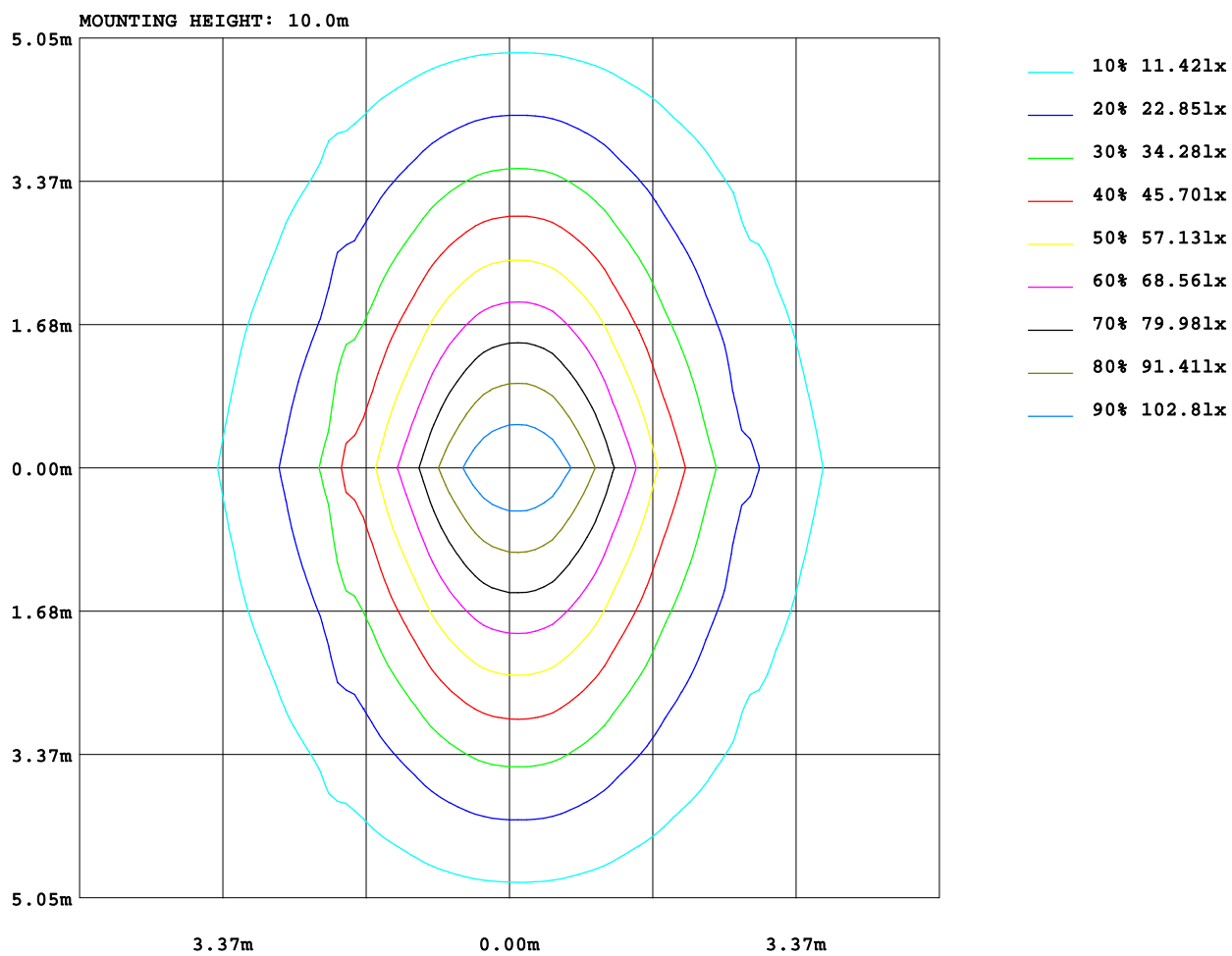
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月23日

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

ISOLUX DIAGRAM

Report number:

MANUFACTURER:			
Address:			
NAME: SL-20W-30K-18D		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月23日

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