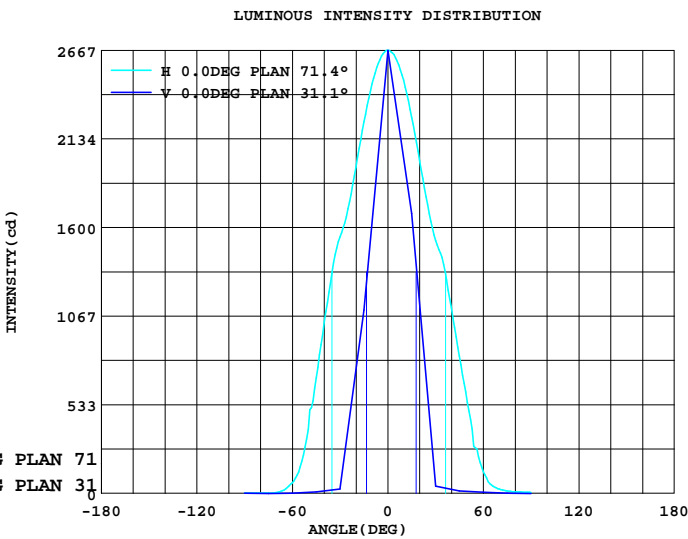
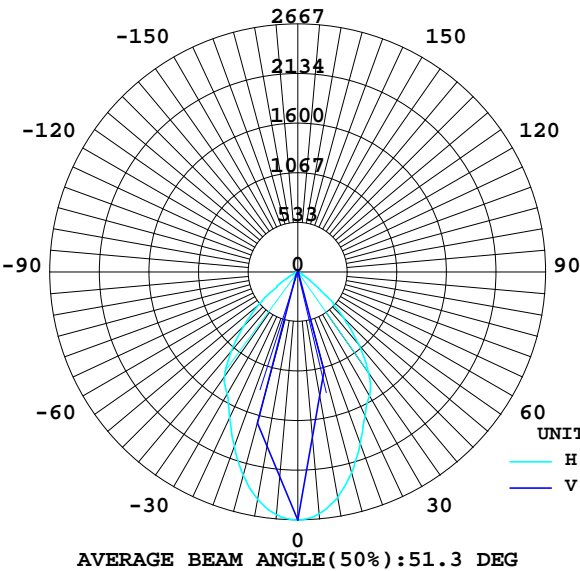


LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

MANUFACTURER:			
Address:			
NAME: SL-M-20W-4000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

MODEL:					
NOMINAL POWER(W):	20	Imax(cd):	2667	Voltage(V)	219.6
RATED VOLTAGE(V):	220	AVAILABILITY(%):	94.0	Current(A)	0.097
NOMINAL FLUX(lm):	1643.1	Avai. FLUX(lm):	1544.4	Power(W)	20.61
TEST FLUX(lm):	1643.1	EFFICIENCY(%):	100.0	Power Factor(PF)	0.964
LAMPS QUANTITY :	1	TOTAL FLUX(lm):	1643.1	EFFICIENCY(lm/W)	79.7
Effictive Flux(lm) :	1544.4	θ @50%(H, V):	71.4,31.1DEG	EEl:	0.182



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月22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-M-20W-4000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:

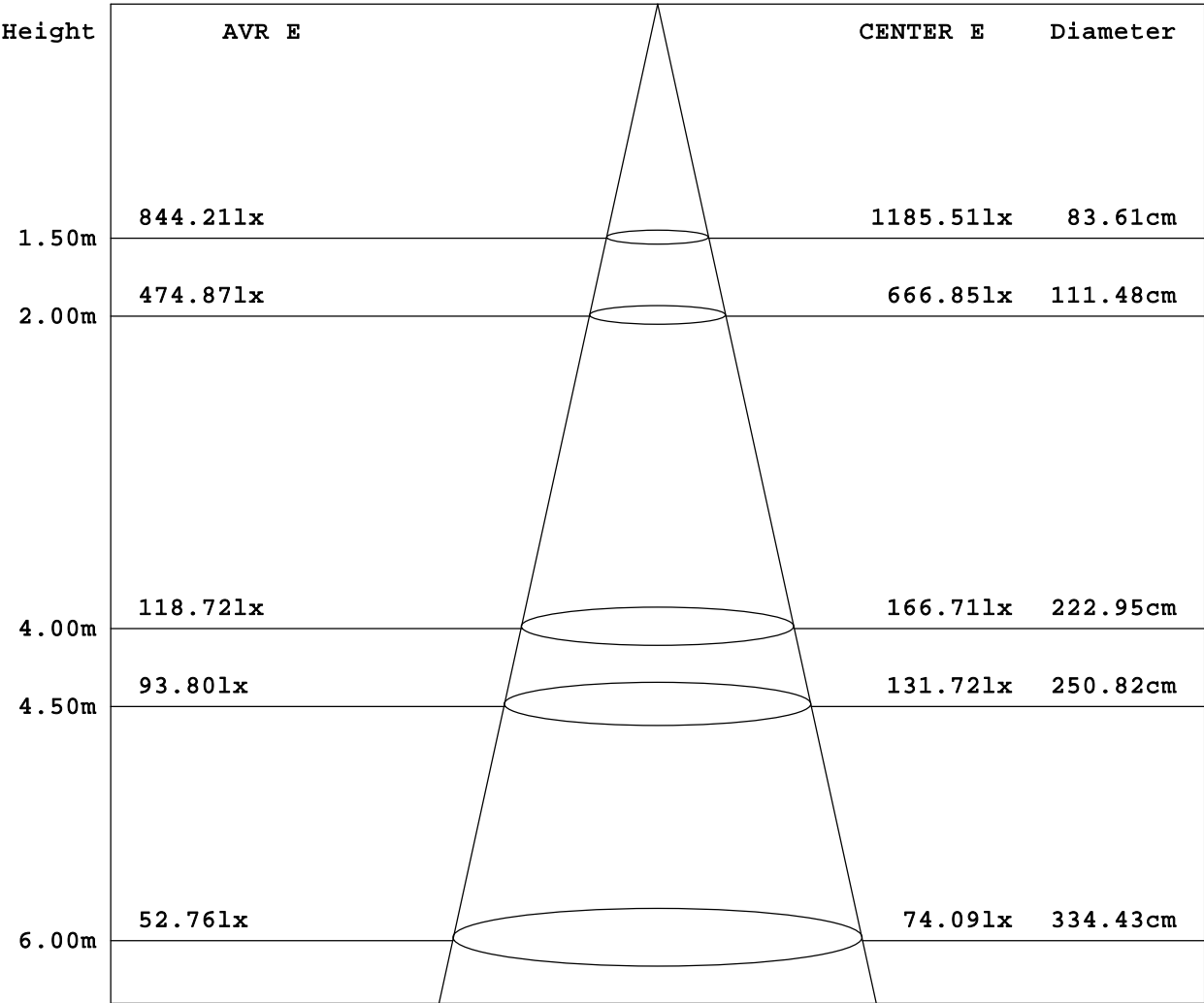
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月22日

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-M-20W-4000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月22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-M-20W-4000K										TYPE:					WEIGHT:				
SPECIFICATION:					CCT(K): 0					DIMENSION:					SERIAL No.:				

VERTICAL (DEG)	AREA FLUX DIAGRAM																		UNIT:lm	Φ t	Φ a
	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	0.00	0.00	0.01	0.00
90	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	0.00	0.00	0.27	0.00
80	0.00	0.00	0.00	0.00	0.01	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.02	0.01	0.00	0.00	0.00	0.75	0.00
70	0.00	0.00	0.00	0.00	0.02	0.05	0.08	0.09	0.09	0.10	0.10	0.09	0.07	0.04	0.02	0.01	0.00	0.00	0.00	2.32	0.00
60	0.00	0.00	0.01	0.06	0.13	0.20	0.23	0.24	0.25	0.25	0.24	0.22	0.20	0.16	0.09	0.03	0.01	0.00	0.00	3.82	0.00
50	0.00	0.00	0.04	0.14	0.24	0.32	0.35	0.38	0.40	0.40	0.38	0.35	0.31	0.26	0.17	0.07	0.01	0.00	0.00	5.80	0.00
40	0.00	0.01	0.08	0.25	0.39	0.47	0.52	0.55	0.58	0.59	0.56	0.51	0.46	0.38	0.29	0.14	0.02	0.00	0.00	31.2	1.65
30	0.00	0.02	0.21	1.36	4.54	4.91	2.55	1.78	1.60	1.55	1.55	1.82	3.15	4.08	1.65	0.38	0.06	0.01	0.01	210	192
	0.01	0.05	0.36	2.48	9.93	17.2	20.0	25.3	29.9	30.0	25.4	19.1	15.4	10.5	3.54	0.58	0.07	0.01	0.01	531	526
	0.03	0.11	0.59	4.05	18.1	38.1	51.6	68.5	82.0	82.3	69.2	50.6	37.1	20.9	6.42	0.82	0.07	0.00	0.00	552	547
	0.00	0.00	0.34	3.29	16.4	35.8	52.8	73.5	88.4	88.7	74.5	53.8	37.4	19.3	5.81	0.87	0.15	0.03	0.03	409	404
	0.01	0.03	0.29	2.49	12.4	27.8	39.2	53.3	63.8	64.3	54.5	40.2	29.3	15.9	4.47	0.65	0.10	0.02	0.02	59.7	42.8
-30	0.02	0.08	0.24	0.80	3.16	8.24	5.48	4.45	4.74	5.04	5.07	5.54	8.28	7.10	1.37	0.13	0.00	0.00	0.00	0.42	0.00
-40	0.00	0.00	0.01	0.05	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.09	0.09	0.05	0.01	0.00	0.00	0.64	0.00
-50	0.00	0.00	0.00	0.00	0.01	0.03	0.07	0.08	0.09	0.10	0.09	0.08	0.05	0.02	0.01	0.00	0.00	0.00	0.00	0.07	0.00
-60	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.02	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00
-70	0.00	0.00	0.00	0.00	0.00	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	0.00	0.00
-80	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	0.00	0.00	0.00	0.00
-90	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	0.00	0.00	0.00	0.00
	-90	-80	-70	-60	-50	-40	-30	-20	HORIZONTAL (DEG)					20	30	40	50	60	70	80	90
Φ t	0.07	0.30	2.14	15.0	65.5	133	173	228	272	274	232	173	132	78.9	23.9	3.75	0.50	0.07	0.07	1643	
Φ a	0.00	0.00	0.00	4.98	57.0	125	166	223	267	268	226	167	124	71.1	14.2	0.00	0.00	0.00	0.00		1544

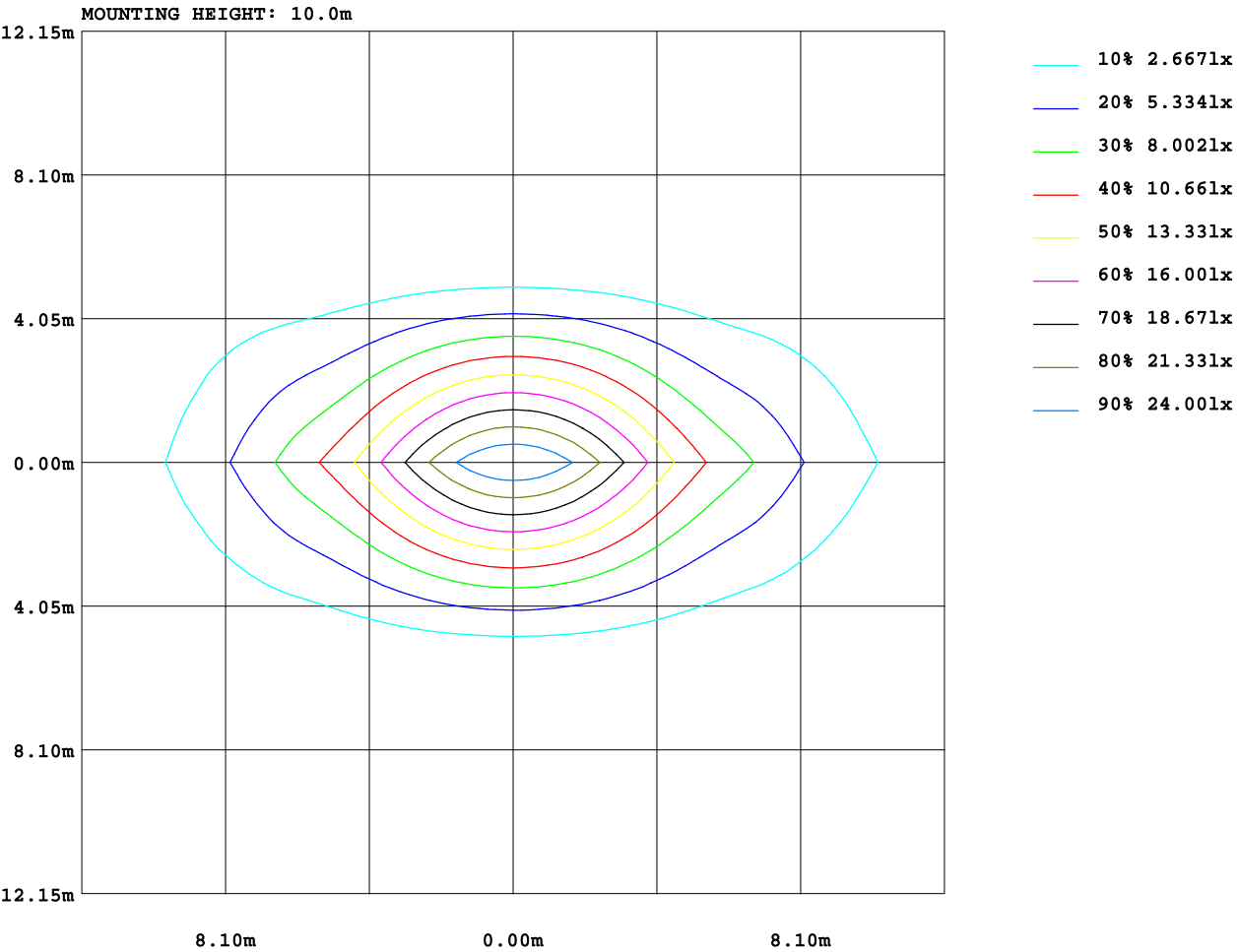
Test System:HOPOO HPG1900
Temperature:25.3DEG
Operators:
Test Date:2024年07月22日

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-M-20W-4000K		TYPE:	WEIGHT:
SPECIFICATION:	CCT(K): 0	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1900
Temperature:25.3DEG
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