

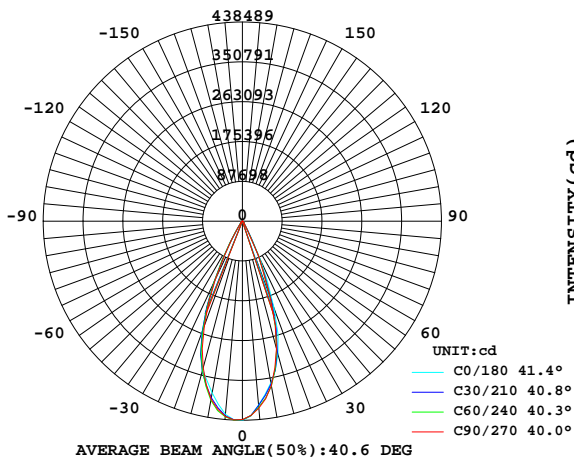
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

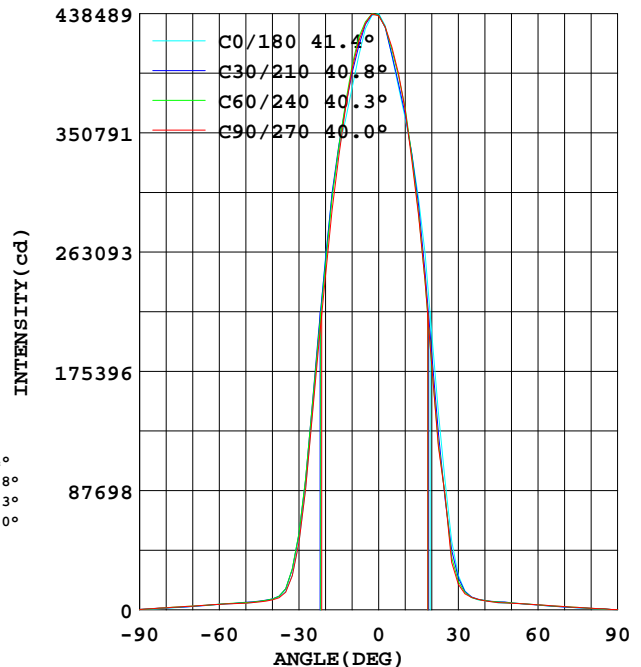
MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS 40	TYPE:	WEIGHT:	
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	438740	S/MH(C0/180)	0.66
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.66
NOMINAL POWER(W)	1200	TOTAL FLUX(lm)	202052	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	169.3	Current(A)	5.602
NOMINAL FLUX(lm)	202053.0	η up(%)	0.8	Power(W)	1194
LAMPS QUANTITY	1	η down(%)	99.2	Power Factor(PF)	0.998
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	174565.1	EI	0.093

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-31-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

Color Temperature Data List

Report number:

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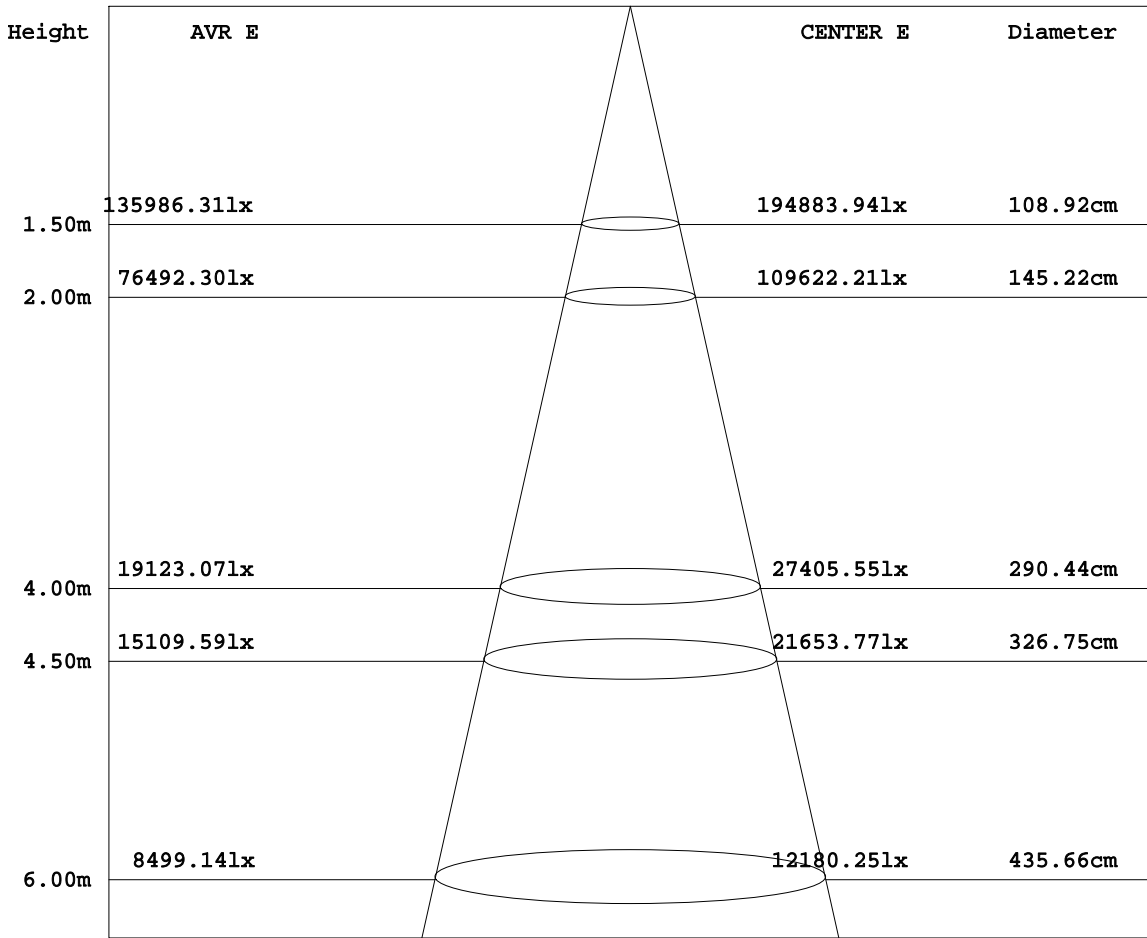
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Test Distance:6.000 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-LV (50K)PLUS 40	TYPE:	WEIGHT:
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:



Angle:39.9deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-31-2020

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Humidity:65.0%
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Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS 40	TYPE:	WEIGHT:	
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:	

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	One	total
5.0	4273	4274	4314	4218	4072	4191	4136	4272	0- 5	10278	10278
10.0	3839	3884	3978	3797	3615	3785	3676	3902	5- 10	28720	38998
15.0	3387	3231	3337	3051	3027	3146	2904	3219	10- 15	41433	80432
20.0	2597	2347	2459	2095	2030	2133	1792	2183	15- 20	44343	124775
25.0	1440	1255	1422	1042	947.8	1030	842.1	1105	20- 25	34045	158820
30.0	496.9	419.3	495.8	339.4	253.2	308.8	187.1	316.4	25- 30	17491	176310
35.0	135.9	129.8	130.1	121.6	90.05	111.7	90.72	132.3	30- 35	6179	182490
40.0	78.39	76.67	73.75	77.52	67.02	75.48	66.22	88.32	35- 40	3067	185556
45.0	61.53	63.21	58.14	65.72	51.20	63.54	53.48	69.51	40- 45	2495	188051
50.0	49.35	54.77	49.39	58.29	47.33	55.62	48.82	59.32	45- 50	2283	190334
55.0	47.02	47.04	45.86	47.49	43.99	45.21	44.08	49.94	50- 55	2153	192488
60.0	41.71	38.97	40.97	38.48	36.55	37.94	37.45	40.91	55- 60	1972	194460
65.0	34.15	31.15	34.57	31.15	29.02	30.76	30.39	32.57	60- 65	1709	196169
70.0	26.28	25.09	28.10	24.99	21.83	24.47	23.84	26.74	65- 70	1417	197586
75.0	18.54	20.31	21.91	20.20	14.74	19.56	18.19	21.71	70- 75	1140	198726
80.0	12.07	15.30	14.87	14.50	9.275	14.39	12.13	16.07	75- 80	862.6	199589
85.0	6.657	8.206	8.772	7.505	4.508	7.908	7.583	8.938	80- 85	553.1	200142
90.0	3.112	2.715	3.463	2.364	1.671	2.997	1.514	3.021	85- 90	266.3	200408
95.0	1.701	1.395	2.074	1.342	1.363	0.902	0.356	1.042	90- 95	94.47	200503
100.0	1.421	1.123	1.850	1.094	1.028	0.653	0.487	0.654	95-100	57.58	200560
105.0	1.033	1.010	1.773	0.972	0.747	0.646	1.225	0.789	100-105	51.16	200611
110.0	0.734	0.900	1.705	0.874	0.623	0.517	1.046	0.515	105-110	47.09	200658
115.0	0.653	0.816	1.591	0.815	0.612	0.904	0.768	0.738	110-115	40.22	200699
120.0	0.657	0.789	1.893	0.818	0.711	1.034	1.070	1.086	115-120	41.00	200740
125.0	0.808	0.936	1.488	1.000	0.980	1.135	1.536	1.204	120-125	46.17	200786
130.0	1.204	1.374	1.756	1.491	1.601	1.596	2.171	1.546	125-130	57.45	200843
135.0	1.998	2.223	2.451	2.356	2.615	2.453	3.023	2.275	130-135	79.37	200923
140.0	3.133	3.368	3.318	3.525	3.852	3.711	4.100	3.400	135-140	108.5	201031
145.0	4.458	4.838	4.433	5.011	5.358	5.078	5.547	4.709	140-145	139.5	201171
150.0	6.062	6.372	5.941	6.506	6.872	6.542	6.984	6.174	145-150	167.0	201338
155.0	7.538	7.628	7.351	7.751	8.151	7.784	8.156	7.432	150-155	178.0	201516
160.0	8.666	8.658	8.538	8.721	9.146	8.721	9.126	8.376	155-160	172.2	201688
165.0	9.541	9.469	9.372	9.397	9.944	9.507	9.863	9.154	160-165	150.0	201838
170.0	10.23	10.07	9.949	9.839	10.64	10.12	10.42	9.751	165-170	115.8	201954
175.0	10.84	10.52	10.44	10.16	11.11	10.52	10.73	10.12	170-175	73.25	202027
180.0	11.13	10.72	10.69	10.29	11.21	10.67	10.78	10.27	175-180	25.09	202052
DEG	LUMINOUS INTENSITY:×100cd								UNIT:lm		

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Temperature:25.3DEG
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Remarks:

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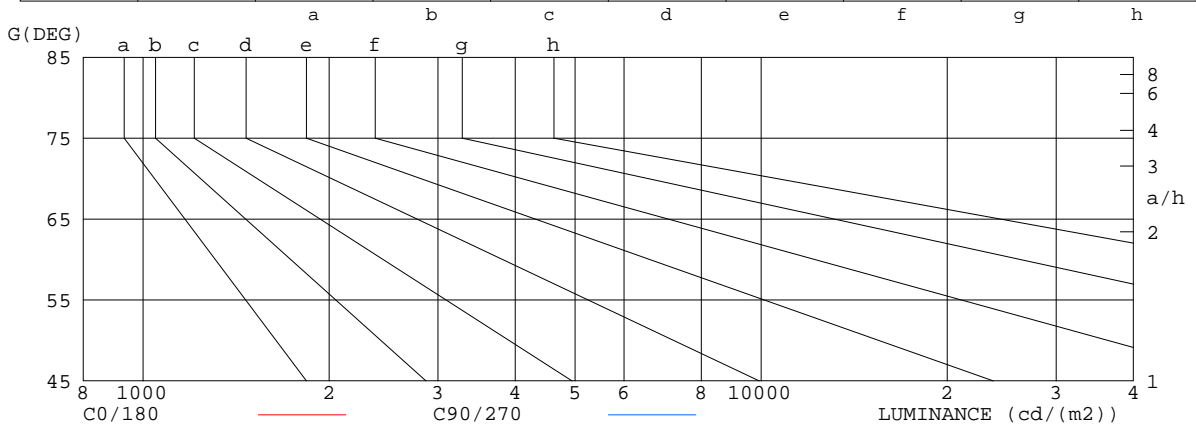
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
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SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:

LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
1.15	A	2000	1000	500	<=300				
1.50	B		2000	1000	500	<=300			
1.85	C			2000	1000	500	<=300		
2.20	D				2000	1000	500	<=300	
2.55	E					2000	1000	500	<=300



LUMINANCE cd/(m2)		
G(DEC)	C0/180	C90/270
85	76382	100648
80	69549	85673
75	71652	84691
70	76844	82165
65	80815	81822
60	83423	81952
55	81982	79971
50	76777	76840
45	87026	82236

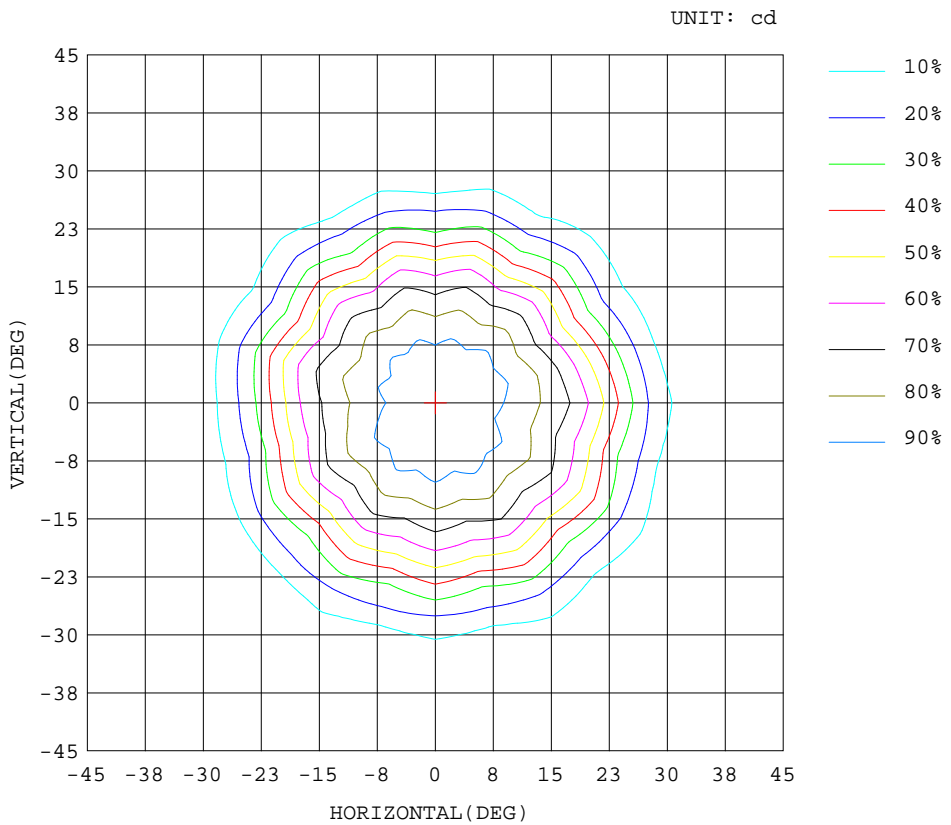
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ISOCANDELA DIAGRAM

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