

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

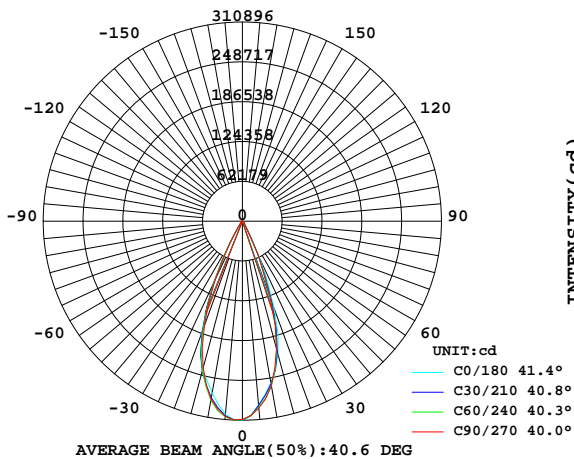
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

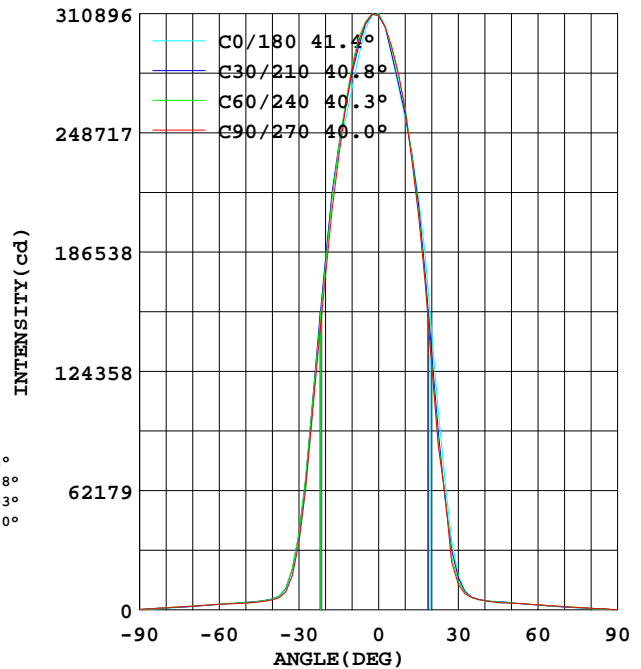
MANUFACTURER:	Address:		
NAME: LSHM-900W-LV (50K)PLUS 40	TYPE:	WEIGHT:	
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	311074	S/MH(C0/180)	0.66
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.66
NOMINAL POWER(W)	900	TOTAL FLUX(lm)	143259	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	159.6	Current(A)	4.223
NOMINAL FLUX(lm)	143259.0	η up(%)	0.8	Power(W)	897.7
LAMPS QUANTITY	1	η down(%)	99.2	Power Factor(PF)	0.989
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	123769.6	EI	0.099

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

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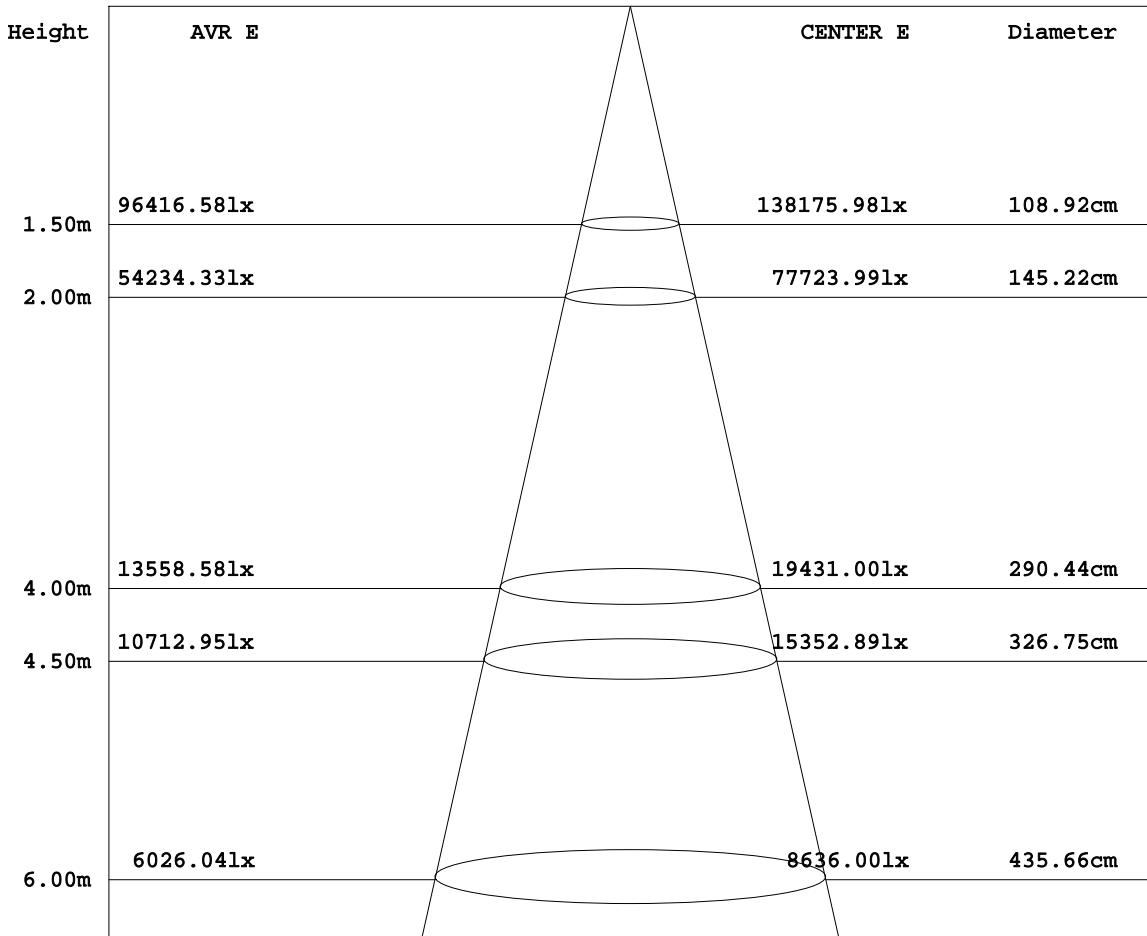
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MANUFACTURER:	Address:	
NAME: LSHM-900W-LV (50K)PLUS 40	TYPE:	WEIGHT:
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:



Angle:39.9deg

Test System:HOPOO HPG1800
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 Operators:
 Test Date:03-31-2020

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ZONAL FLUX DIAGRAM

Report number:

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NAME: LSHM-900W-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	3030	3030	3059	2991	2887	2972	2932	3029	0- 5	7287	7287
10.0	2722	2754	2821	2692	2563	2684	2606	2767	5- 10	20363	27651
15.0	2401	2291	2366	2163	2146	2230	2059	2282	10- 15	29377	57027
20.0	1841	1664	1744	1485	1440	1512	1271	1548	15- 20	31440	88467
25.0	1021	889.6	1009	738.9	672.0	730.4	597.0	783.4	20- 25	24138	112606
30.0	352.3	297.3	351.5	240.6	179.5	219.0	132.6	224.3	25- 30	12401	125007
35.0	96.41	92.03	92.28	86.28	63.84	79.20	64.32	93.83	30- 35	4381	129388
40.0	55.58	54.36	52.29	54.96	47.52	53.52	46.95	62.62	35- 40	2174	131562
45.0	43.63	44.81	41.22	46.59	36.30	45.05	37.92	49.28	40- 45	1769	133332
50.0	34.99	38.83	35.01	41.33	33.56	39.44	34.61	42.06	45- 50	1619	134950
55.0	33.33	33.35	32.52	33.67	31.19	32.06	31.25	35.41	50- 55	1527	136477
60.0	29.57	27.63	29.05	27.28	25.91	26.90	26.55	29.00	55- 60	1398	137875
65.0	24.21	22.08	24.51	22.09	20.57	21.81	21.54	23.09	60- 65	1212	139087
70.0	18.63	17.79	19.92	17.72	15.47	17.35	16.90	18.96	65- 70	1005	140092
75.0	13.14	14.40	15.54	14.32	10.45	13.86	12.89	15.39	70- 75	808.2	140900
80.0	8.562	10.85	10.54	10.28	6.576	10.20	8.600	11.39	75- 80	611.6	141512
85.0	4.720	5.818	6.219	5.321	3.196	5.607	5.376	6.337	80- 85	392.2	141904
90.0	2.206	1.925	2.455	1.676	1.184	2.125	1.073	2.142	85- 90	188.8	142093
95.0	1.206	0.990	1.470	0.952	0.967	0.640	0.253	0.739	90- 95	66.98	142160
100.0	1.008	0.797	1.312	0.776	0.729	0.463	0.346	0.464	95-100	40.82	142201
105.0	0.733	0.716	1.257	0.689	0.529	0.458	0.869	0.559	100-105	36.28	142237
110.0	0.520	0.638	1.209	0.620	0.442	0.366	0.742	0.365	105-110	33.39	142270
115.0	0.463	0.579	1.128	0.578	0.434	0.641	0.544	0.524	110-115	28.52	142299
120.0	0.466	0.559	1.342	0.580	0.504	0.734	0.759	0.770	115-120	29.07	142328
125.0	0.573	0.664	1.055	0.710	0.695	0.805	1.089	0.854	120-125	32.73	142361
130.0	0.854	0.975	1.245	1.057	1.135	1.132	1.539	1.096	125-130	40.73	142401
135.0	1.416	1.576	1.738	1.670	1.854	1.739	2.143	1.613	130-135	56.28	142458
140.0	2.221	2.388	2.352	2.499	2.731	2.631	2.907	2.411	135-140	76.99	142535
145.0	3.160	3.430	3.143	3.553	3.799	3.600	3.933	3.338	140-145	98.96	142633
150.0	4.298	4.517	4.212	4.613	4.872	4.638	4.951	4.377	145-150	118.4	142752
155.0	5.344	5.408	5.212	5.496	5.779	5.519	5.783	5.269	150-155	126.2	142878
160.0	6.144	6.139	6.054	6.183	6.484	6.183	6.470	5.939	155-160	122.1	143000
165.0	6.764	6.714	6.645	6.662	7.050	6.740	6.993	6.490	160-165	106.3	143107
170.0	7.256	7.143	7.054	6.976	7.550	7.177	7.394	6.914	165-170	82.14	143189
175.0	7.691	7.464	7.407	7.205	7.879	7.459	7.608	7.181	170-175	51.94	143241
180.0	7.896	7.603	7.582	7.301	7.952	7.572	7.647	7.287	175-180	17.78	143259
DEG	LUMINOUS INTENSITY:×100cd								UNIT:lm		

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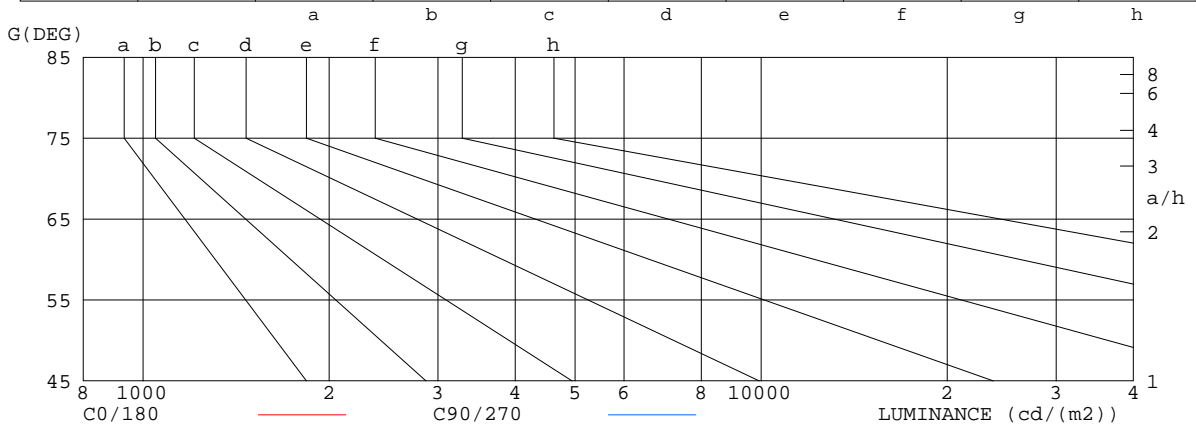
LUMINANCE LIMITATION CURVES

Report number:

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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(DEG)	C0/180	C90/270
85	54156	71361
80	49312	60744
75	50802	60047
70	54483	58257
65	57299	58013
60	59148	58105
55	58126	56701
50	54436	54481
45	61703	58306

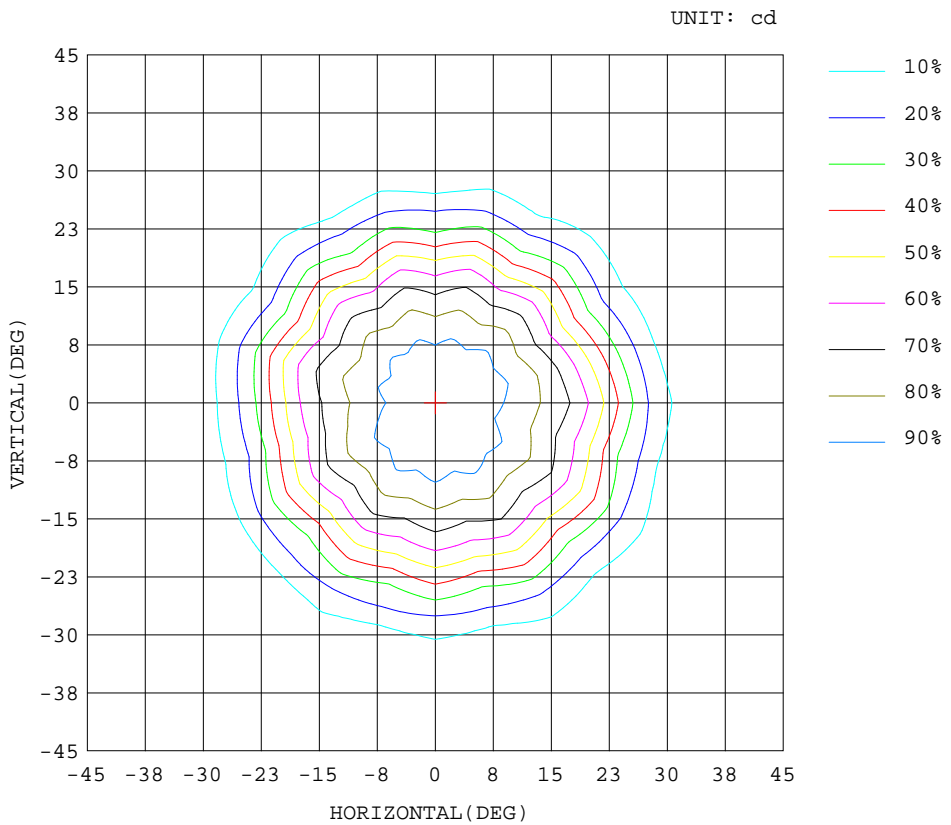
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ISOCANDELA DIAGRAM

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