

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

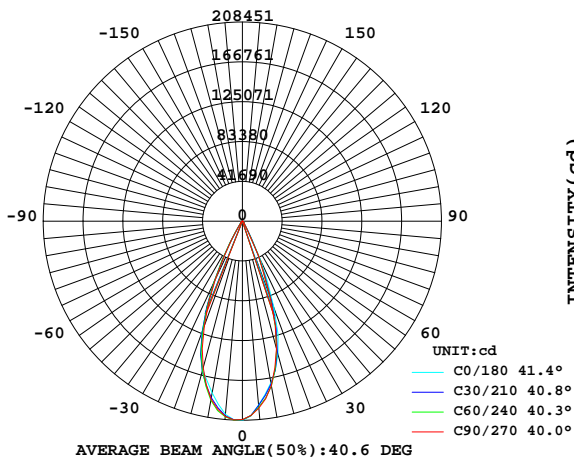
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

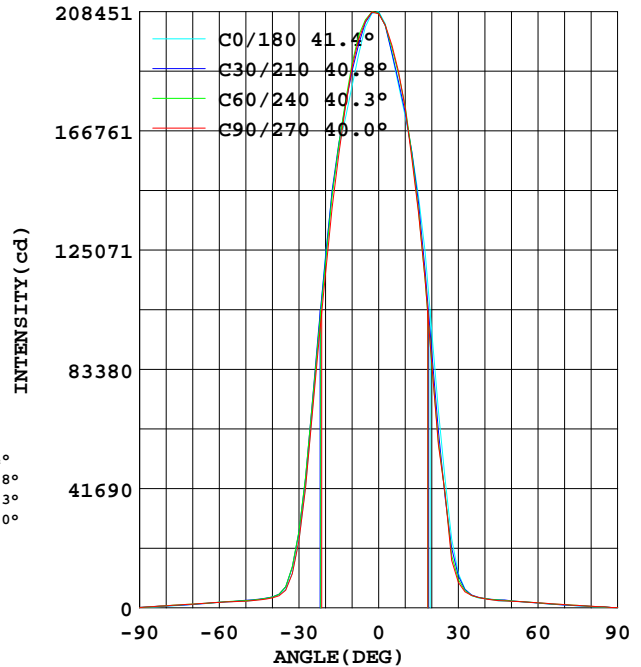
MANUFACTURER:	Address:		
NAME: LSHM-600W-LV (50K)PLUS 40	TYPE:	WEIGHT:	
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	208571	S/MH(C0/180)	0.66
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.66
NOMINAL POWER(W)	600	TOTAL FLUX(lm)	96053	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	160.1	Current(A)	2.716
NOMINAL FLUX(lm)	96053.0	$\eta$ up(%)	0.8	Power(W)	599.7
LAMPS QUANTITY	1	$\eta$ down(%)	99.2	Power Factor(PF)	0.987
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	82985.6	EI	0.098

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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Temperature:25.3DEG  
Operators:  
Test Date:03-31-2020

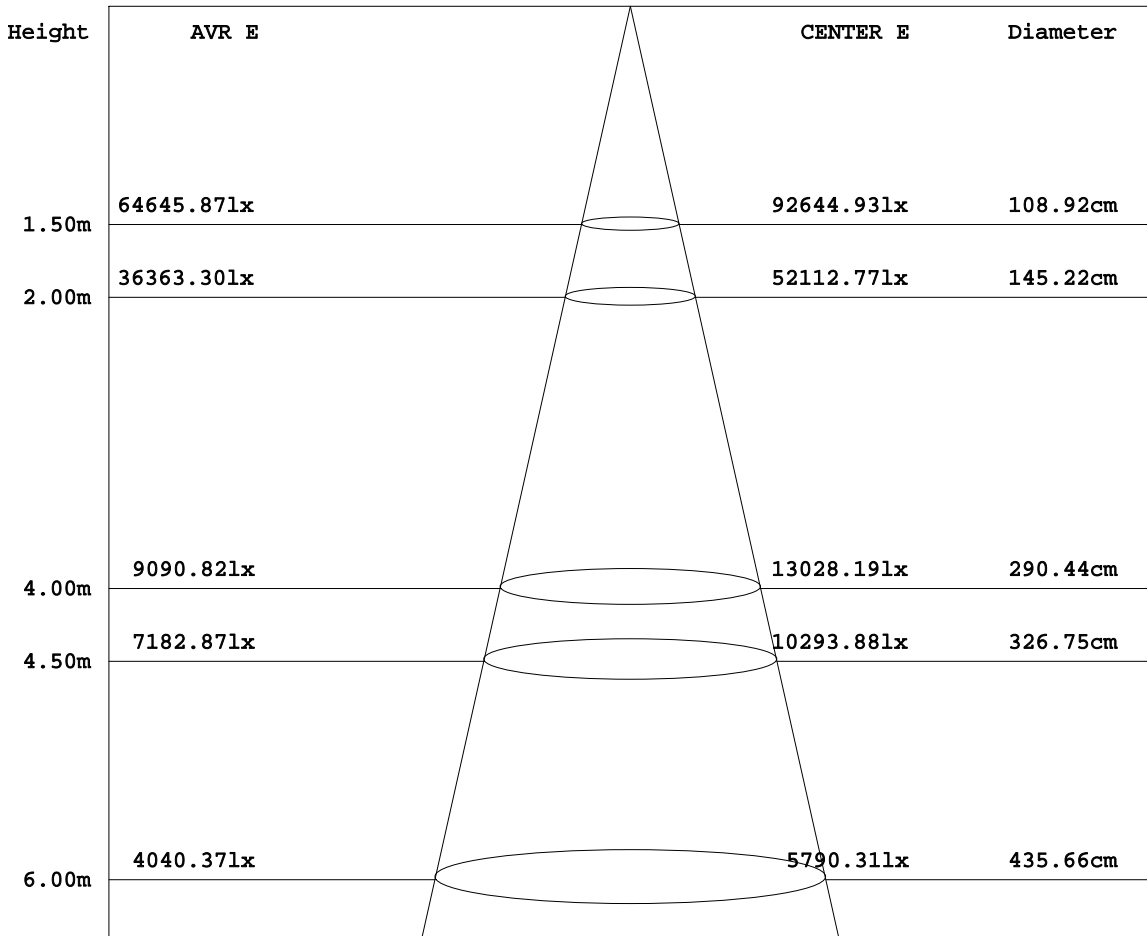
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## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-600W-LV (50K)PLUS 40	TYPE:	WEIGHT:
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:



Angle:39.9deg

Test System:HOPOO HPG1800  
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 Operators:  
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## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:		
NAME: LSHM-600W-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	2031	2032	2051	2005	1936	1992	1966	2031	0- 5	4886	4886
10.0	1825	1846	1891	1805	1718	1799	1747	1855	5- 10	13653	18539
15.0	1610	1536	1586	1450	1439	1495	1381	1530	10- 15	19697	38236
20.0	1234	1116	1169	995.7	965.2	1014	851.9	1038	15- 20	21080	59316
25.0	684.6	596.5	676.2	495.4	450.6	489.7	400.3	525.2	20- 25	16184	75500
30.0	236.2	199.3	235.7	161.3	120.3	146.8	88.95	150.4	25- 30	8315	83815
35.0	64.64	61.70	61.87	57.85	42.81	53.10	43.12	62.91	30- 35	2937	86753
40.0	37.26	36.44	35.06	36.85	31.86	35.88	31.48	41.98	35- 40	1458	88211
45.0	29.25	30.04	27.64	31.24	24.34	30.21	25.42	33.04	40- 45	1186	89397
50.0	23.46	26.04	23.48	27.71	22.50	26.44	23.21	28.20	45- 50	1085	90482
55.0	22.35	22.36	21.80	22.57	20.91	21.49	20.95	23.74	50- 55	1024	91506
60.0	19.82	18.52	19.47	18.29	17.37	18.03	17.80	19.44	55- 60	937.5	92443
65.0	16.23	14.80	16.43	14.81	13.79	14.62	14.44	15.48	60- 65	812.5	93256
70.0	12.49	11.92	13.35	11.88	10.37	11.63	11.33	12.71	65- 70	673.5	93929
75.0	8.815	9.658	10.42	9.604	7.011	9.299	8.648	10.32	70- 75	541.9	94471
80.0	5.741	7.276	7.072	6.893	4.409	6.843	5.766	7.643	75- 80	410.0	94881
85.0	3.164	3.901	4.170	3.568	2.143	3.759	3.605	4.249	80- 85	262.9	95144
90.0	1.479	1.290	1.646	1.123	0.794	1.424	0.720	1.436	85- 90	126.6	95271
95.0	0.809	0.664	0.986	0.638	0.648	0.429	0.169	0.496	90- 95	44.91	95316
100.0	0.676	0.534	0.880	0.520	0.489	0.310	0.232	0.311	95-100	27.37	95343
105.0	0.491	0.480	0.843	0.462	0.355	0.307	0.583	0.375	100-105	24.32	95368
110.0	0.349	0.428	0.811	0.416	0.296	0.246	0.497	0.245	105-110	22.38	95390
115.0	0.310	0.388	0.757	0.387	0.291	0.430	0.365	0.351	110-115	19.12	95409
120.0	0.313	0.375	0.900	0.389	0.338	0.492	0.509	0.517	115-120	19.49	95429
125.0	0.384	0.445	0.707	0.476	0.466	0.540	0.731	0.573	120-125	21.95	95451
130.0	0.573	0.654	0.835	0.709	0.761	0.759	1.032	0.735	125-130	27.31	95478
135.0	0.950	1.056	1.165	1.120	1.243	1.166	1.437	1.081	130-135	37.73	95516
140.0	1.489	1.601	1.577	1.675	1.831	1.764	1.949	1.616	135-140	51.62	95567
145.0	2.119	2.300	2.107	2.382	2.547	2.414	2.637	2.238	140-145	66.35	95634
150.0	2.882	3.029	2.824	3.093	3.267	3.110	3.320	2.935	145-150	79.39	95713
155.0	3.583	3.626	3.494	3.685	3.875	3.700	3.877	3.533	150-155	84.65	95798
160.0	4.120	4.116	4.059	4.146	4.347	4.146	4.338	3.982	155-160	81.89	95880
165.0	4.535	4.501	4.455	4.467	4.727	4.519	4.688	4.351	160-165	71.31	95951
170.0	4.865	4.789	4.729	4.677	5.062	4.812	4.957	4.635	165-170	55.07	96006
175.0	5.156	5.004	4.966	4.831	5.283	5.001	5.101	4.815	170-175	34.82	96041
180.0	5.294	5.097	5.083	4.895	5.331	5.076	5.127	4.886	175-180	11.92	96053
DEG	LUMINOUS INTENSITY:×100cd								UNIT:lm		

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Remarks:

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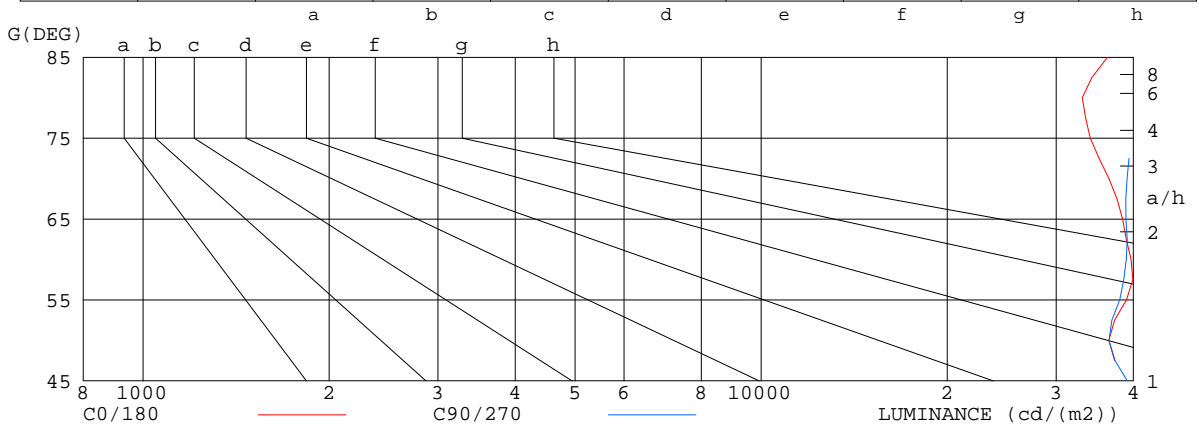
## LUMINANCE LIMITATION CURVES

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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	36311	47846
80	33063	40728
75	34062	40261
70	36530	39060
65	38418	38897
60	39658	38959
55	38973	38017
50	36499	36529
45	41371	39094

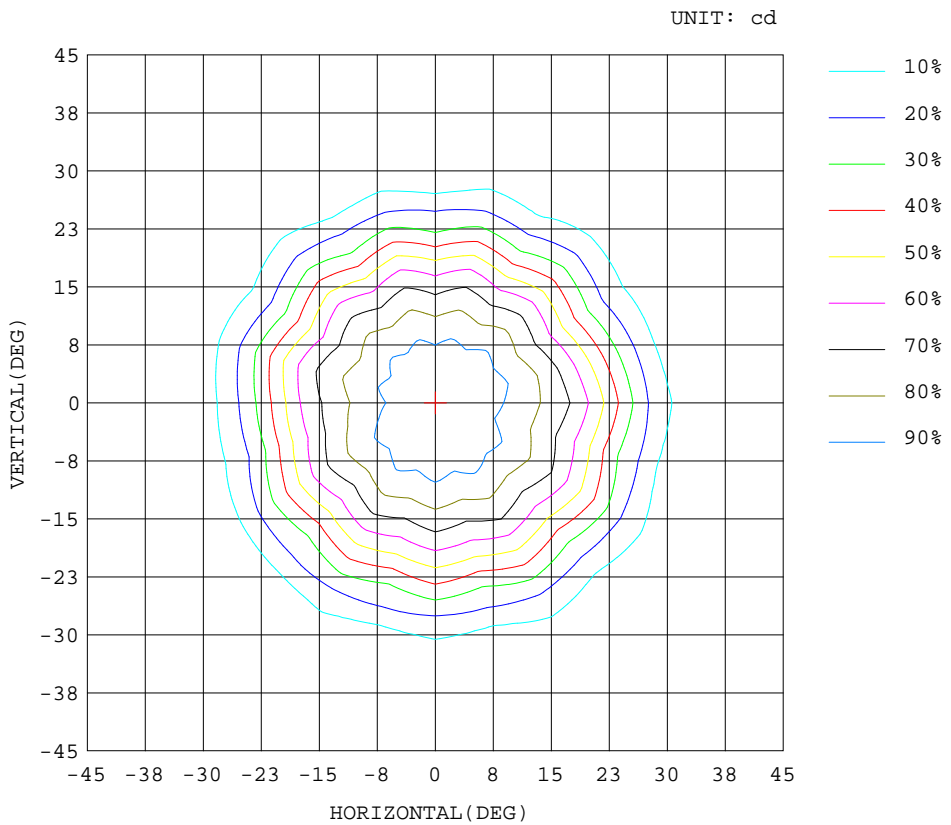
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## ISOCANDELA DIAGRAM

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