

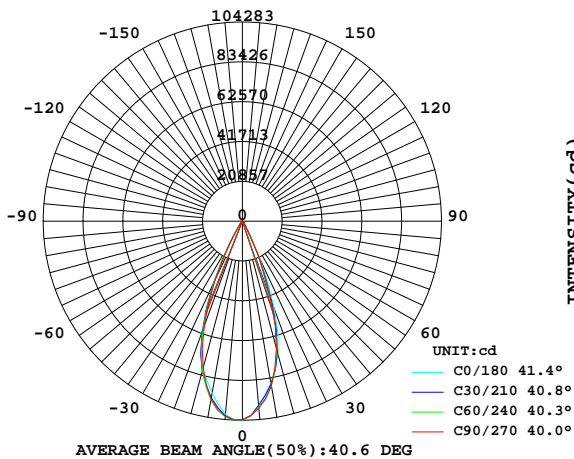
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

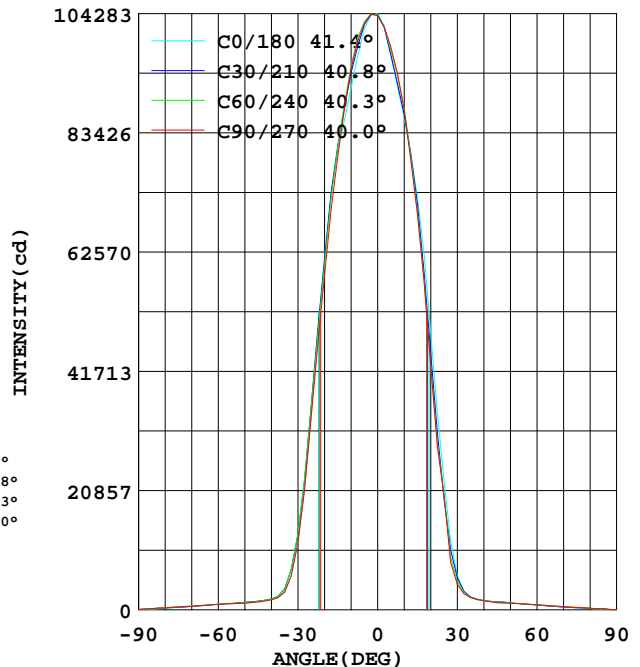
MANUFACTURER:	Address:		
NAME: LSHM-300W-LV (50K)PLUS 40	TYPE:	WEIGHT:	
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	104343	S/MH(C0/180)	0.66
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.66
NOMINAL POWER(W)	300	TOTAL FLUX(lm)	48053	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	160.3	Current(A)	1.386
NOMINAL FLUX(lm)	48053.0	η up(%)	0.8	Power(W)	299.7
LAMPS QUANTITY	1	η down(%)	99.2	Power Factor(PF)	0.987
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	41515.7	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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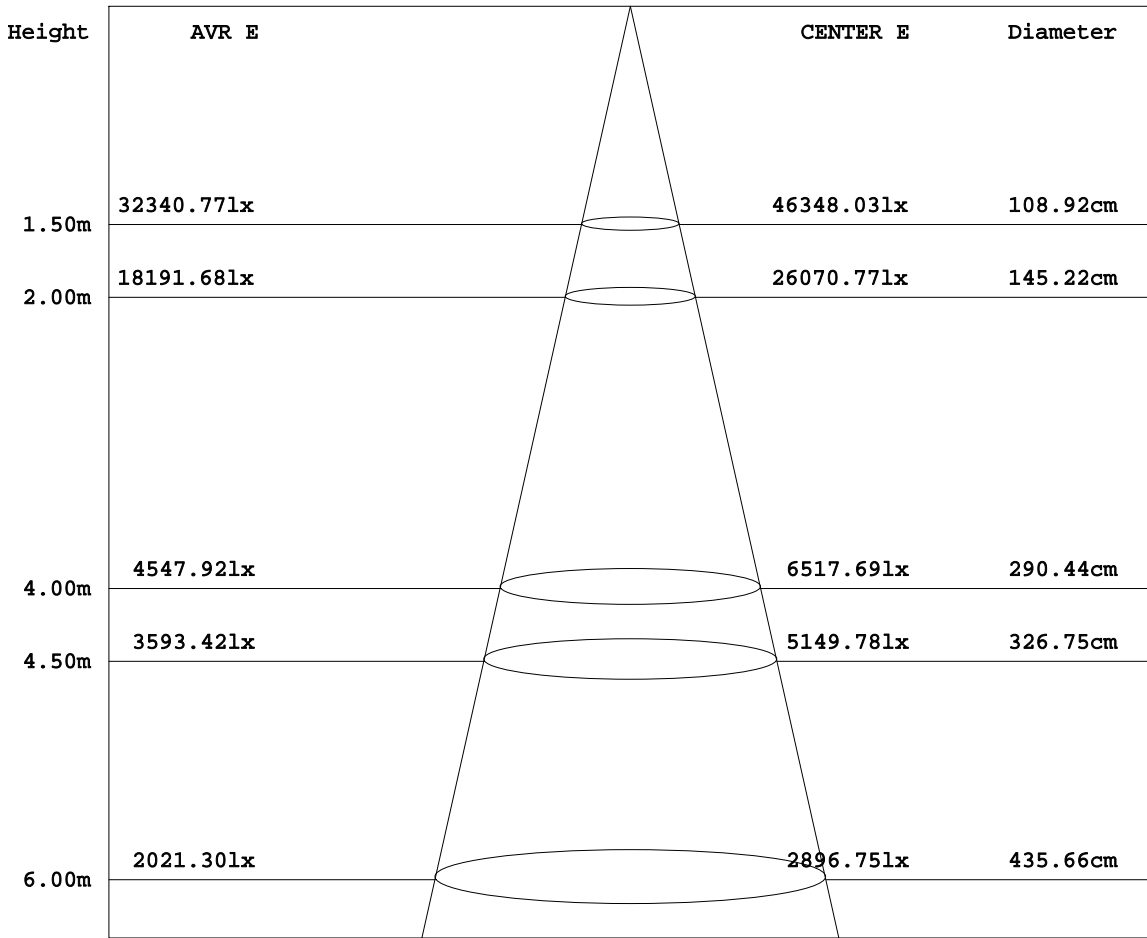
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Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-300W-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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 Humidity:65.0%
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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-300W-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	1016	1017	1026	1003	968.4	996.7	983.5	1016	0- 5	2444	2444
10.0	912.8	923.6	946.1	902.9	859.6	900.1	874.1	927.9	5- 10	6830	9275
15.0	805.3	768.4	793.5	725.5	719.8	748.0	690.7	765.5	10- 15	9854	19129
20.0	617.5	558.2	584.9	498.1	482.8	507.2	426.2	519.1	15- 20	10546	29674
25.0	342.5	298.4	338.3	247.8	225.4	245.0	200.2	262.7	20- 25	8097	37771
30.0	118.1	99.73	117.9	80.72	60.22	73.46	44.50	75.26	25- 30	4160	41931
35.0	32.33	30.87	30.95	28.94	21.41	26.56	21.57	31.47	30- 35	1470	43400
40.0	18.64	18.23	17.54	18.43	15.94	17.95	15.74	21.00	35- 40	729.2	44130
45.0	14.63	15.03	13.82	15.63	12.17	15.11	12.72	16.53	40- 45	593.4	44723
50.0	11.73	13.02	11.74	13.86	11.25	13.22	11.61	14.10	45- 50	542.9	45266
55.0	11.18	11.18	10.90	11.29	10.46	10.75	10.48	11.87	50- 55	512.1	45778
60.0	9.919	9.269	9.745	9.152	8.693	9.023	8.908	9.730	55- 60	469.0	46247
65.0	8.122	7.408	8.223	7.410	6.902	7.317	7.228	7.745	60- 65	406.5	46654
70.0	6.250	5.967	6.683	5.945	5.191	5.821	5.669	6.360	65- 70	336.9	46991
75.0	4.410	4.831	5.212	4.804	3.507	4.652	4.326	5.164	70- 75	271.1	47262
80.0	2.872	3.640	3.538	3.448	2.205	3.423	2.884	3.823	75- 80	205.1	47467
85.0	1.583	1.951	2.086	1.785	1.072	1.880	1.803	2.125	80- 85	131.5	47598
90.0	0.740	0.646	0.824	0.562	0.397	0.713	0.360	0.719	85- 90	63.33	47662
95.0	0.405	0.332	0.493	0.319	0.324	0.215	0.085	0.248	90- 95	22.46	47684
100.0	0.338	0.267	0.440	0.260	0.245	0.155	0.116	0.156	95-100	13.69	47698
105.0	0.246	0.240	0.422	0.231	0.178	0.154	0.292	0.188	100-105	12.16	47710
110.0	0.174	0.214	0.406	0.208	0.148	0.123	0.249	0.122	105-110	11.20	47721
115.0	0.155	0.194	0.379	0.194	0.146	0.215	0.183	0.176	110-115	9.567	47731
120.0	0.156	0.188	0.450	0.194	0.169	0.246	0.255	0.258	115-120	9.751	47741
125.0	0.192	0.223	0.354	0.238	0.233	0.270	0.365	0.287	120-125	10.98	47752
130.0	0.287	0.327	0.418	0.355	0.381	0.380	0.516	0.368	125-130	13.66	47765
135.0	0.475	0.529	0.583	0.560	0.622	0.583	0.719	0.541	130-135	18.87	47784
140.0	0.745	0.801	0.789	0.838	0.916	0.883	0.975	0.809	135-140	25.82	47810
145.0	1.060	1.150	1.054	1.191	1.274	1.207	1.319	1.119	140-145	33.19	47843
150.0	1.441	1.515	1.413	1.547	1.634	1.555	1.661	1.468	145-150	39.71	47883
155.0	1.792	1.814	1.748	1.843	1.938	1.851	1.939	1.767	150-155	42.35	47925
160.0	2.061	2.059	2.030	2.074	2.175	2.074	2.170	1.992	155-160	40.96	47966
165.0	2.269	2.252	2.229	2.234	2.365	2.261	2.345	2.177	160-165	35.67	48002
170.0	2.433	2.396	2.366	2.339	2.532	2.407	2.480	2.319	165-170	27.55	48029
175.0	2.579	2.503	2.484	2.417	2.643	2.502	2.552	2.408	170-175	17.42	48047
180.0	2.648	2.550	2.543	2.448	2.667	2.539	2.565	2.444	175-180	5.967	48053
DEG	LUMINOUS INTENSITY:×100cd								UNIT:lm		

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
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Humidity:65.0%
Test Distance:6.000 m
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

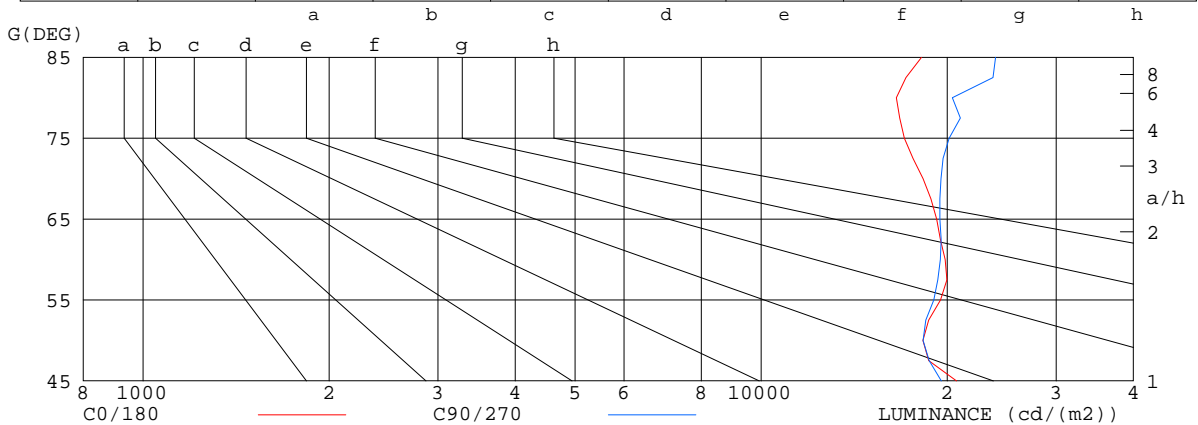
LUMINANCE LIMITATION CURVES

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(DEC)	C0/180	C90/270
85	18166	23936
80	16540	20375
75	17040	20141
70	18275	19541
65	19220	19459
60	19840	19490
55	19497	19019
50	18259	18274
45	20697	19558

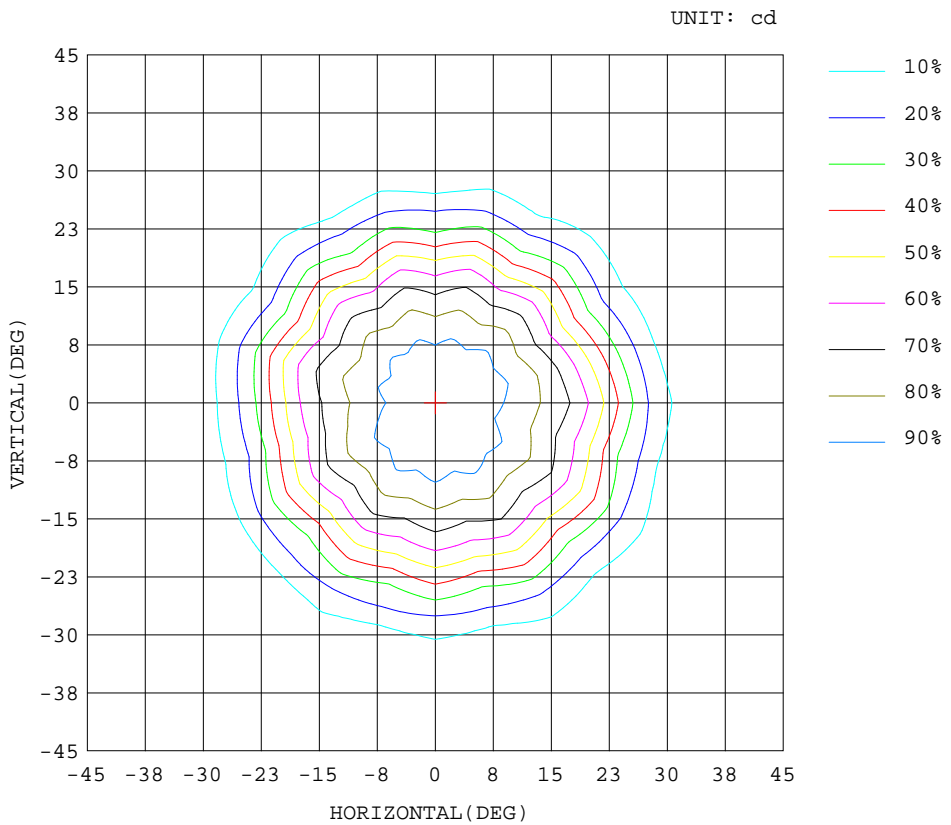
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ISOCANDELA DIAGRAM

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