

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

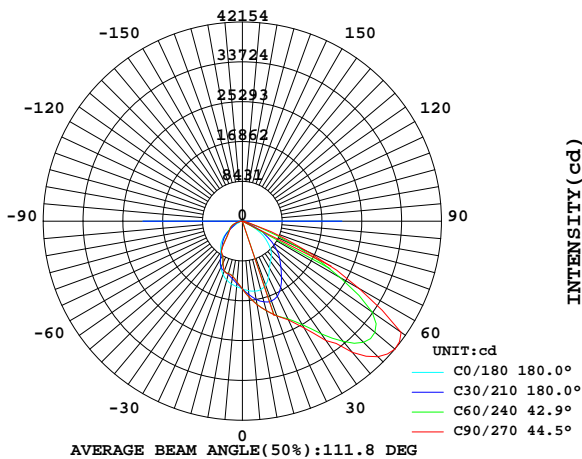
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

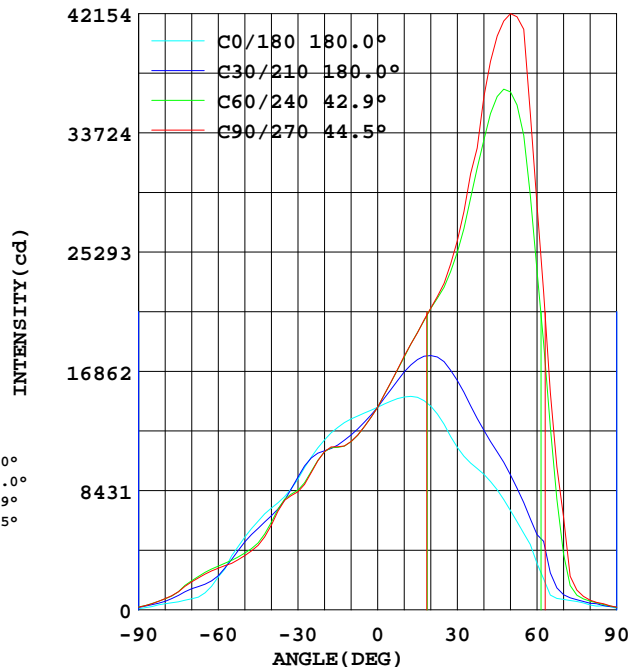
MANUFACTURER:	Address:		
NAME: LSHM-300W-LV (50K)PLUS P50	TYPE:	WEIGHT:	
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	58281	S/MH(C0/180)	1.03
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.94
NOMINAL POWER(W)	300	TOTAL FLUX(lm)	44723	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	149.8	Current(A)	1.380
NOMINAL FLUX(lm)	44723.0	$\eta$ up(%)	0.0	Power(W)	298.5
LAMPS QUANTITY	1	$\eta$ down(%)	100.0	Power Factor(PF)	0.969
TEST VOLTAGE(V)	220.7	Effective Flux(lm)	0.0	EI	0.000

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:03-30-2020

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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Operators:  
Test Date:03-30-2020

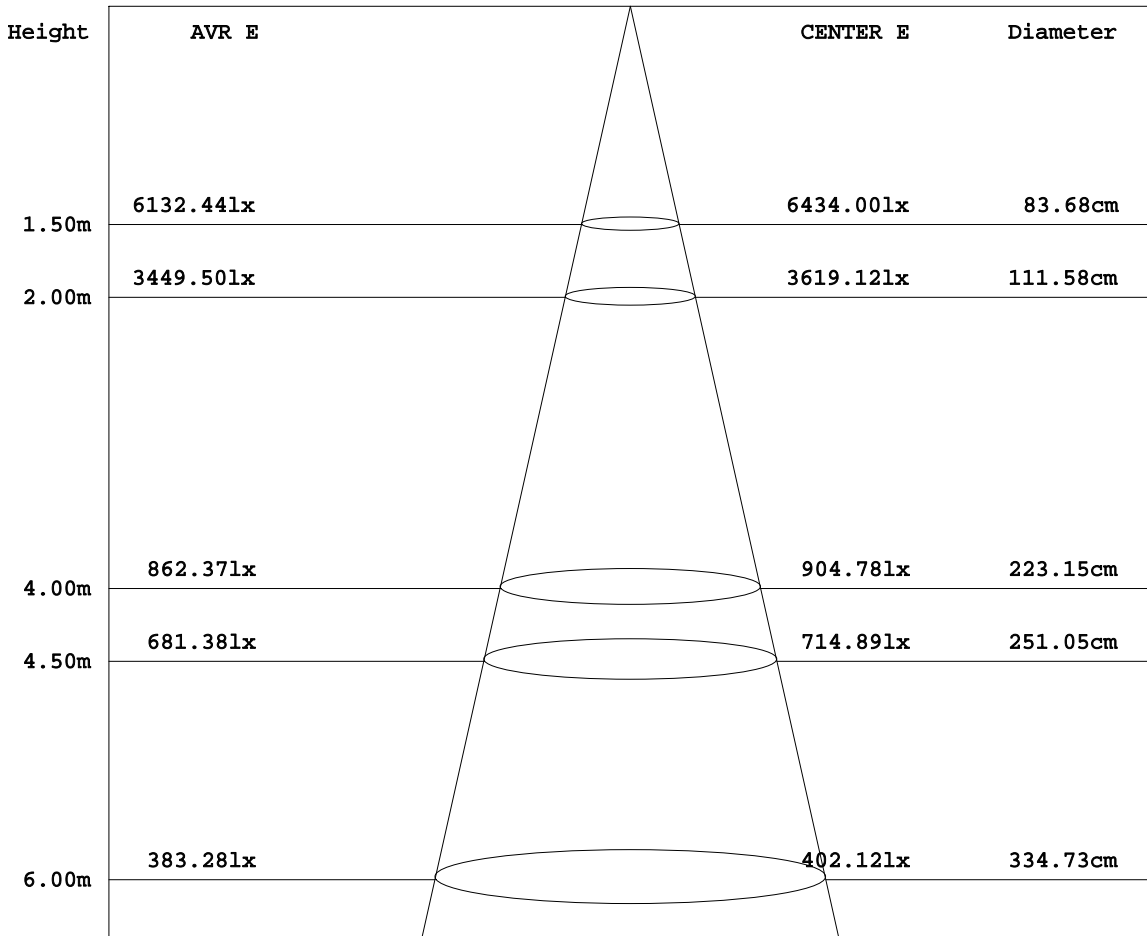
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## AVERAGE AND CENTER E Figure

Report number:

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SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:



Angle:31.2deg

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## ZONAL FLUX DIAGRAM

Report number:

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SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1392	1306	1296	1356	1476	1588	1610	1521	0- 5	343.9	343.9
10.0	1350	1205	1191	1279	1505	1750	1795	1606	5- 10	1038	1382
15.0	1290	1147	1153	1202	1503	1885	1959	1660	10- 15	1741	3123
20.0	1202	1139	1119	1122	1441	1990	2134	1649	15- 20	2433	5556
25.0	1080	1049	970.7	1025	1313	2034	2308	1560	20- 25	3039	8595
30.0	924.4	888.3	835.7	896.5	1149	2026	2610	1405	25- 30	3497	12093
35.0	801.1	786.8	775.0	777.7	1038	2006	3084	1228	30- 35	3906	15999
40.0	720.0	696.9	599.9	691.0	958.5	1984	3628	1095	35- 40	4341	20340
45.0	627.3	567.4	456.3	614.5	848.4	1889	4057	980.7	40- 45	4743	25083
50.0	514.7	429.8	383.9	507.6	701.8	1688	4215	826.5	45- 50	4945	30028
55.0	381.3	332.6	328.6	365.8	541.6	1361	4104	650.7	50- 55	4849	34877
60.0	233.9	272.1	294.7	218.3	328.5	937.6	2861	474.7	55- 60	4173	39050
65.0	120.0	220.5	252.5	152.6	104.9	486.0	1539	241.5	60- 65	2734	41784
70.0	79.02	156.9	198.9	117.0	73.83	128.0	653.5	95.83	65- 70	1438	43222
75.0	57.40	105.5	128.5	79.87	58.92	70.21	139.9	68.80	70- 75	704.2	43926
80.0	43.79	71.21	79.32	49.36	34.94	50.13	68.24	47.75	75- 80	410.0	44336
85.0	23.57	44.26	43.95	24.22	29.29	28.04	43.75	28.41	80- 85	252.5	44588
90.0	8.968	20.00	19.13	10.22	10.67	17.41	18.76	20.23	85- 90	134.5	44723
95.0									90- 95		
100.0									95-100		
105.0									100-105		
110.0									105-110		
115.0									110-115		
120.0									115-120		
125.0									120-125		
130.0									125-130		
135.0									130-135		
140.0									135-140		
145.0									140-145		
150.0									145-150		
155.0									150-155		
160.0									155-160		
165.0									160-165		
170.0									165-170		
175.0									170-175		
180.0									175-180		
DEG	LUMINOUS INTENSITY:×10cd								UNIT:lm		

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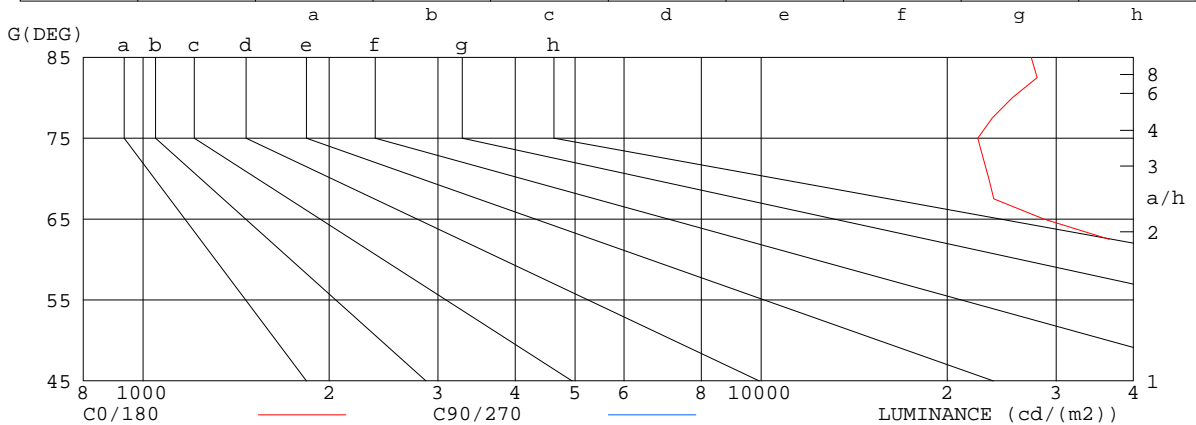
## LUMINANCE LIMITATION CURVES

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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	27332	50209
80	25477	45478
75	22409	49465
70	23343	57918
65	28695	59497
60	47274	58688
55	67176	57035
50	80896	59472
45	89633	64253

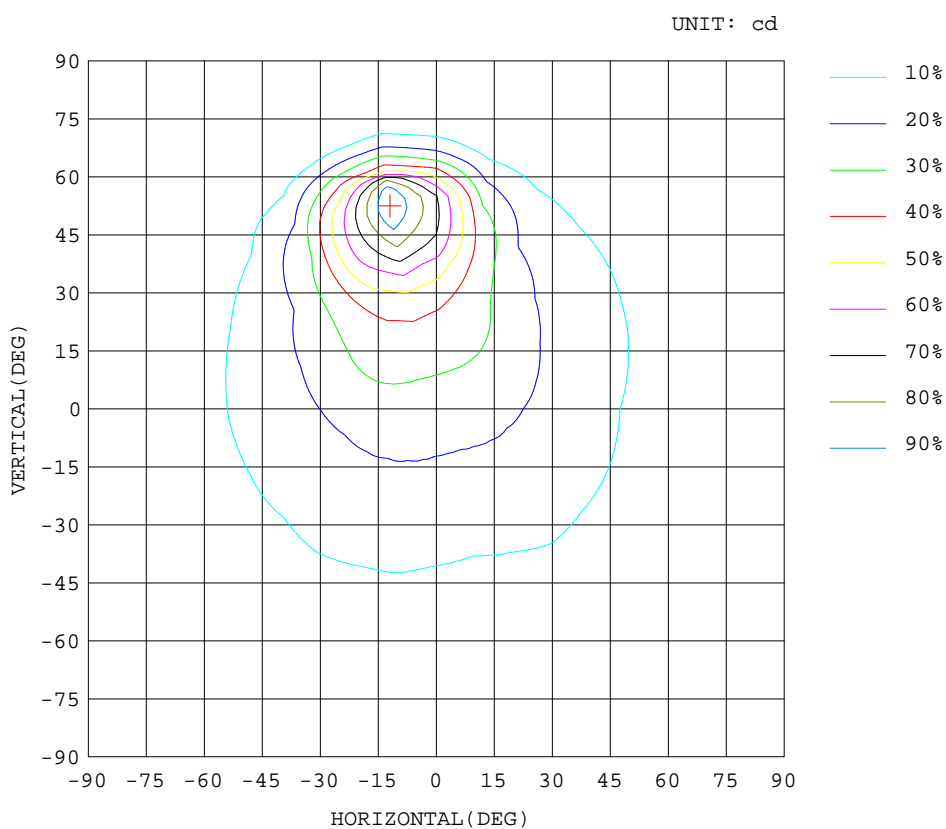
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## ISOCANDELA DIAGRAM

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