

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

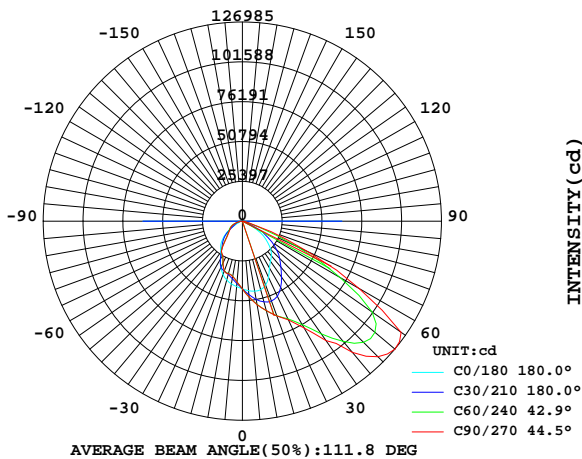
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

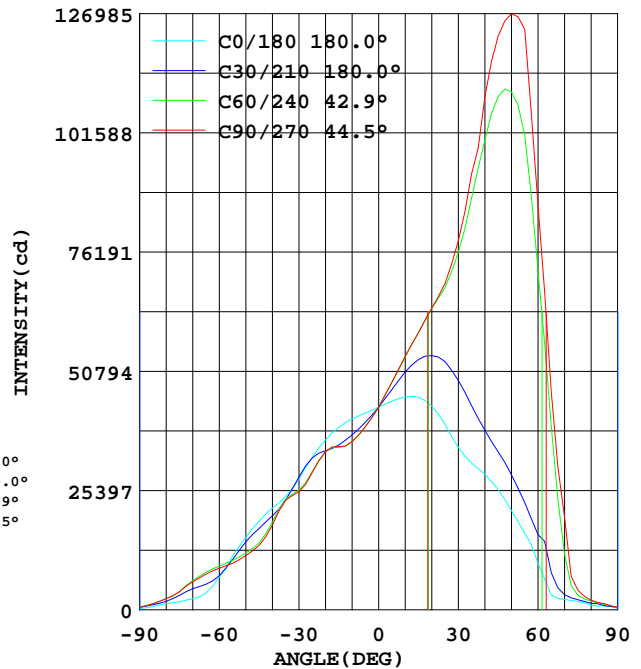
MANUFACTURER:	Address:	
NAME: LSHM-900W-LV (50K)PLUS P50	TYPE:	WEIGHT:
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	175566	S/MH(C0/180)	1.03
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.94
NOMINAL POWER(W)	900	TOTAL FLUX(lm)	134723	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	150.4	Current(A)	4.012
NOMINAL FLUX(lm)	134723.0	η up(%)	0.0	Power(W)	895.7
LAMPS QUANTITY	1	η 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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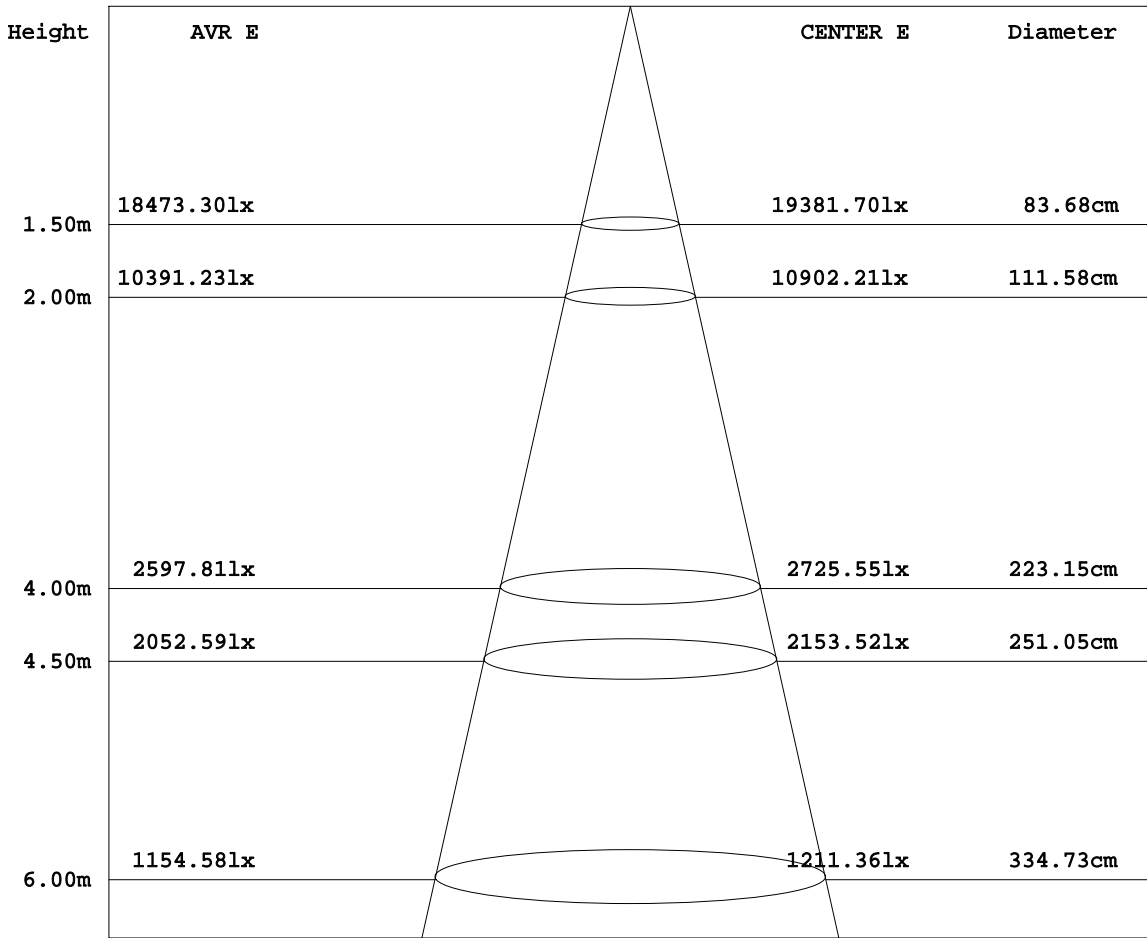
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SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:



Angle:31.2deg

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ZONAL FLUX DIAGRAM

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SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	419.2	393.4	390.3	408.3	444.5	478.4	485.0	458.2	0- 5	1036	1036
10.0	406.6	362.9	358.6	385.3	453.3	527.1	540.6	483.7	5- 10	3127	4163
15.0	388.5	345.6	347.3	362.1	452.7	567.9	590.2	500.0	10- 15	5244	9408
20.0	362.1	343.0	337.2	337.8	434.0	599.4	642.8	496.6	15- 20	7330	16738
25.0	325.2	316.1	292.4	308.9	395.5	612.7	695.3	469.9	20- 25	9155	25893
30.0	278.4	267.5	251.7	270.0	346.1	610.3	786.1	423.3	25- 30	10535	36427
35.0	241.3	237.0	233.4	234.2	312.5	604.1	929.1	370.0	30- 35	11767	48194
40.0	216.9	209.9	180.7	208.1	288.7	597.5	1093	329.7	35- 40	13077	61271
45.0	188.9	170.9	137.4	185.1	255.5	569.0	1222	295.4	40- 45	14289	75560
50.0	155.0	129.4	115.6	152.9	211.4	508.3	1270	248.9	45- 50	14896	90456
55.0	114.8	100.1	98.98	110.2	163.1	410.0	1236	196.0	50- 55	14607	105064
60.0	70.48	81.96	88.79	65.78	98.96	282.4	861.7	143.0	55- 60	12570	117634
65.0	36.16	66.43	76.08	45.99	31.60	146.4	463.4	72.76	60- 65	8236	125870
70.0	23.80	47.26	59.93	35.27	22.24	38.57	196.8	28.86	65- 70	4330	130200
75.0	17.29	31.80	38.73	24.06	17.75	21.15	42.15	20.72	70- 75	2121	132322
80.0	13.19	21.45	23.89	14.87	10.52	15.10	20.55	14.38	75- 80	1235	133557
85.0	7.103	13.33	13.24	7.298	8.824	8.447	13.18	8.560	80- 85	760.7	134318
90.0	2.701	6.026	5.764	3.081	3.215	5.245	5.654	6.096	85- 90	405.2	134723
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:×100cd								UNIT:lm		

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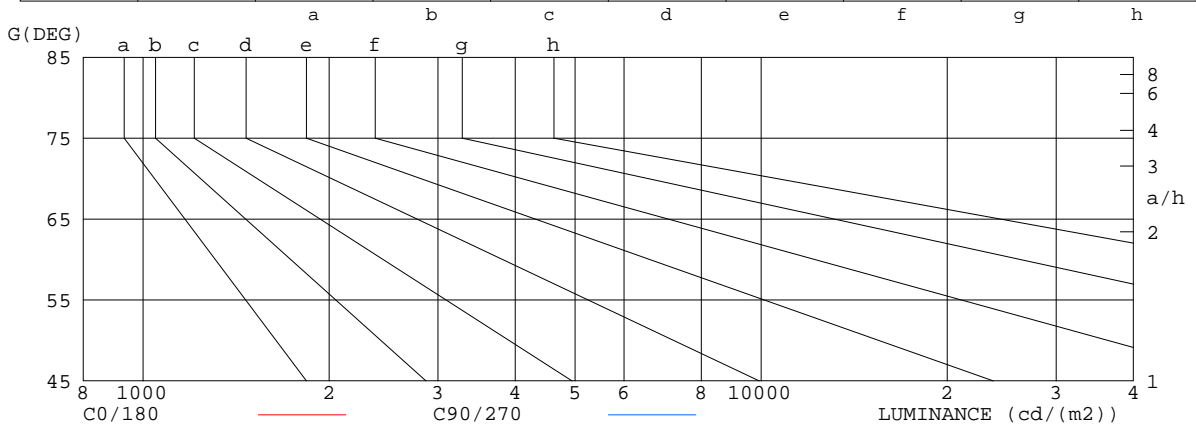
LUMINANCE LIMITATION CURVES

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	82336	151250
80	76747	136996
75	67505	149007
70	70318	174471
65	86440	179227
60	142408	176791
55	202359	171811
50	243689	179152
45	270011	193555

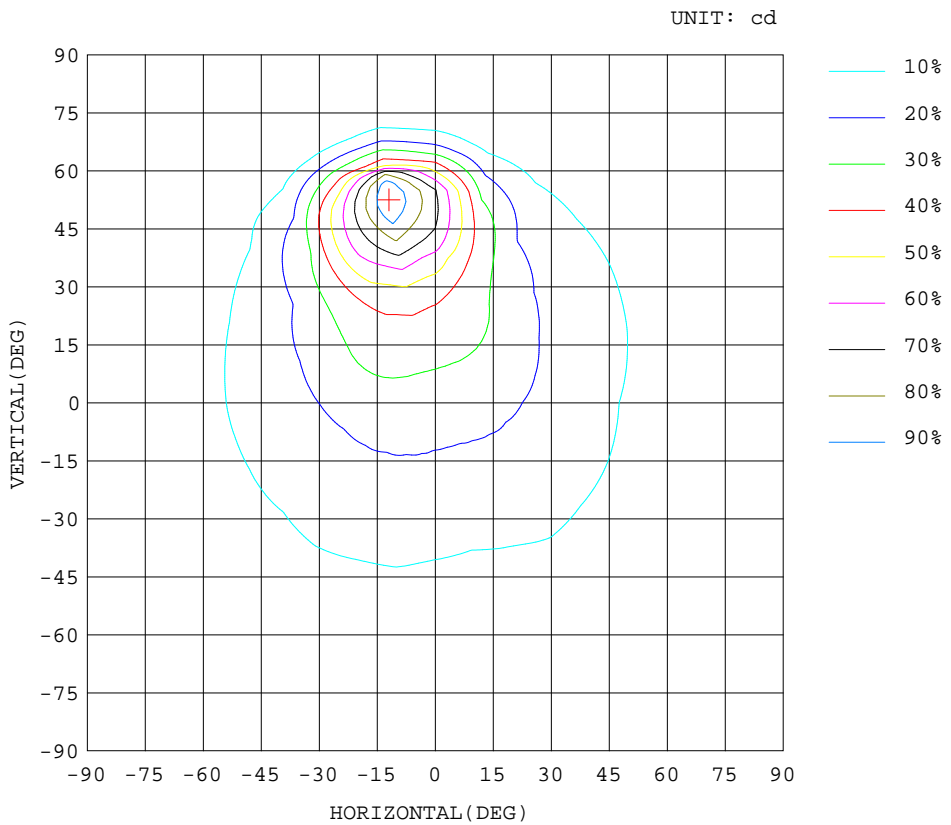
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ISOCANDELA DIAGRAM

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