

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

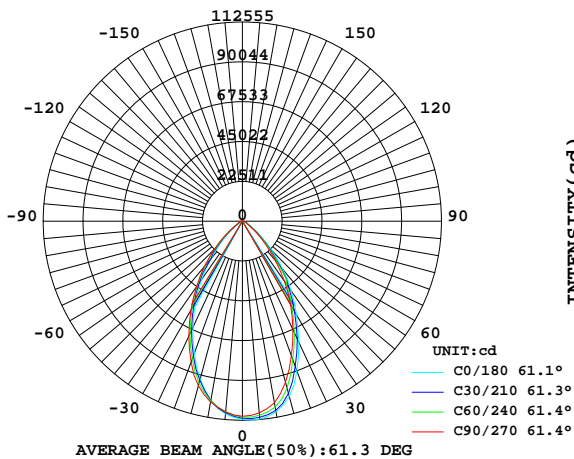
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

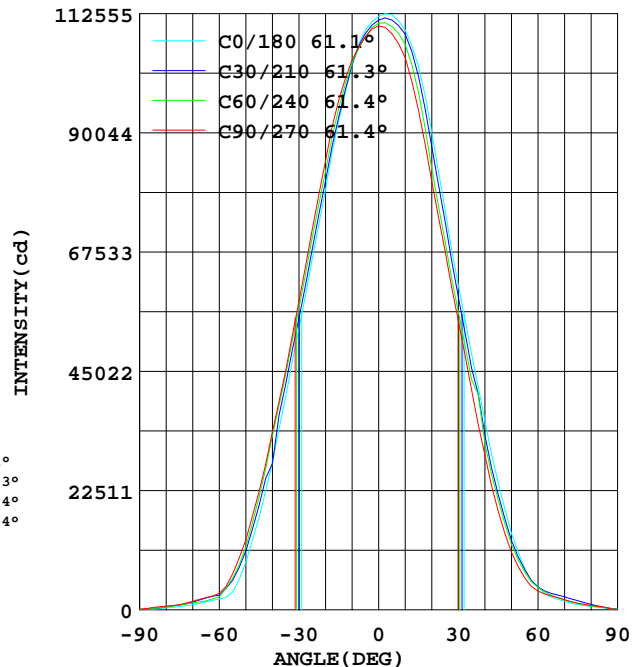
MANUFACTURER:	Address:		
NAME: LSHM-720W-LV (50K)PLUS 60	TYPE:	WEIGHT:	
SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	112555	S/MH(C0/180)	0.85
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.92
NOMINAL POWER(W)	720	TOTAL FLUX(lm)	121981	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	170.4	Current(A)	3.428
NOMINAL FLUX(lm)	121981.0	η up(%)	0.0	Power(W)	715.7
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.992
TEST VOLTAGE(V)	219.8	Effective Flux(lm)	112883.5	EI	0.086

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-21-2020

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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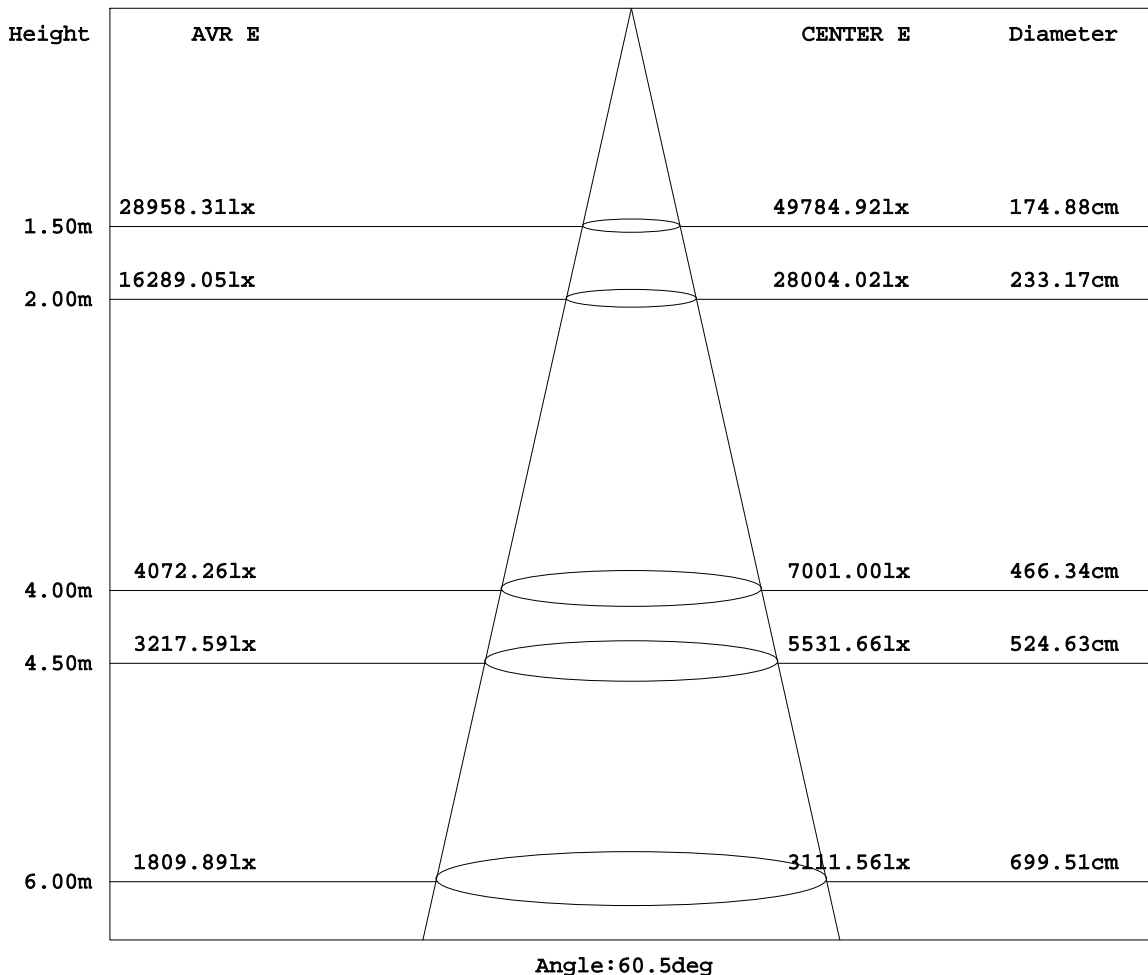
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	one	total
5.0	1094	1086	1082	1089	1123	1108	1087	1072	0- 5	2622	2622
10.0	1029	1031	1038	1054	1095	1077	1042	1019	5- 10	7639	10261
15.0	922.9	937.1	962.3	981.4	1026	995.3	942.8	920.2	10- 15	11897	22158
20.0	793.6	820.1	847.7	859.4	900.6	854.2	808.9	785.6	15- 20	14760	36918
25.0	663.0	691.8	718.2	719.8	755.4	708.8	677.6	652.2	20- 25	16002	52920
30.0	531.2	560.2	582.8	583.6	612.7	576.1	545.4	527.3	25- 30	15895	68815
35.0	402.3	439.7	451.6	462.2	482.1	443.5	414.8	402.0	30- 35	14687	83501
40.0	277.7	317.3	336.4	339.2	356.9	317.8	292.3	277.7	35- 40	12549	96051
45.0	174.9	209.6	223.9	233.5	240.1	211.0	186.5	180.0	40- 45	9541	105592
50.0	89.72	118.9	132.0	141.3	144.6	127.0	108.8	97.68	45- 50	6521	112112
55.0	33.77	57.09	67.80	73.86	78.10	72.67	60.20	46.96	50- 55	3892	116004
60.0	20.14	29.96	31.53	35.22	44.03	44.09	35.46	27.26	55- 60	2129	118133
65.0	15.25	19.47	23.09	22.26	24.39	28.79	26.39	20.30	60- 65	1323	119456
70.0	9.962	14.24	16.13	18.01	16.43	23.23	19.20	14.29	65- 70	982.8	120439
75.0	6.206	9.645	9.877	13.28	10.23	15.69	12.52	9.808	70- 75	706.5	121145
80.0	3.756	5.839	7.009	8.205	6.363	9.439	8.404	6.193	75- 80	460.4	121606
85.0	1.474	2.626	4.696	4.408	3.362	4.864	5.278	2.163	80- 85	265.1	121871
90.0	0.585	0.767	1.291	1.320	1.126	1.456	0.442	0.522	85- 90	110.1	121981
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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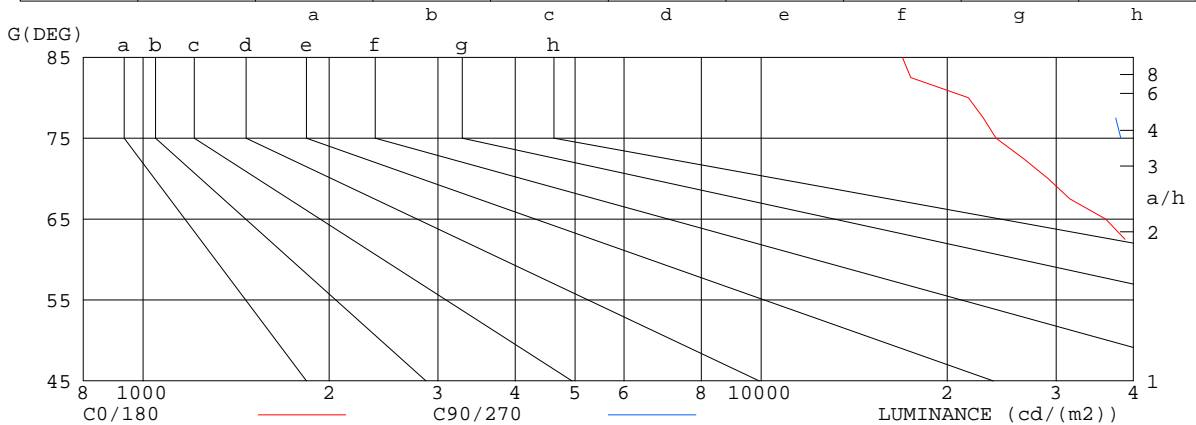
LUMINANCE LIMITATION CURVES

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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	16922	53884
80	21633	40364
75	23979	38162
70	29129	47175
65	36097	54643
60	40281	63077
55	58892	118216
50	139593	205431
45	247479	316645

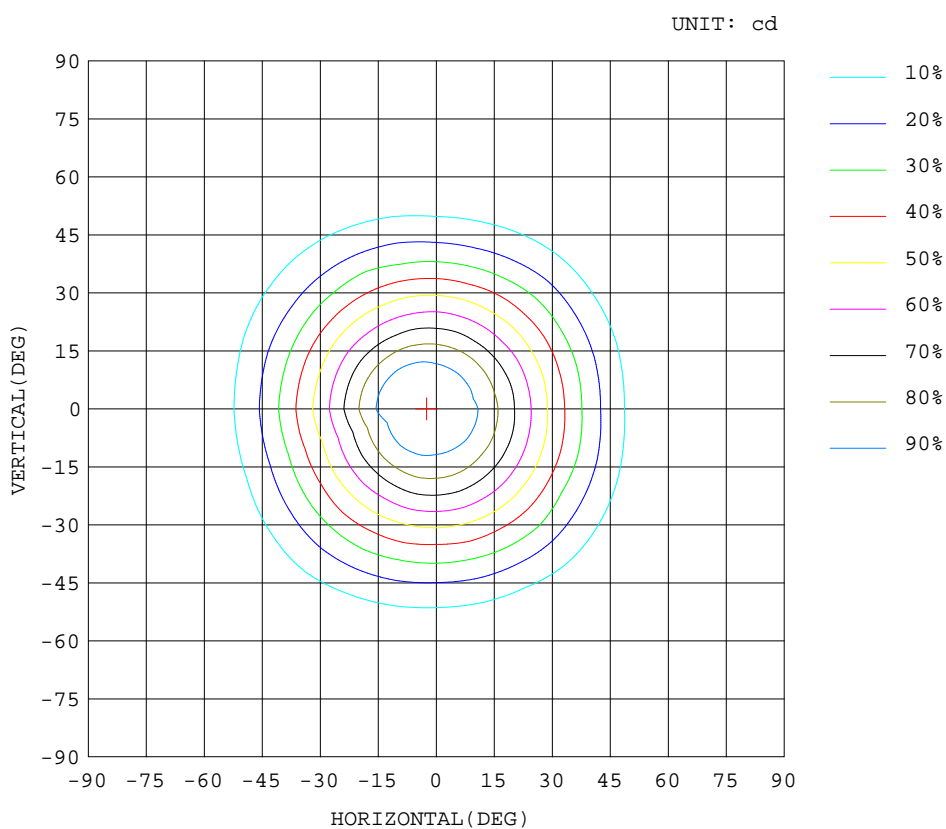
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