

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

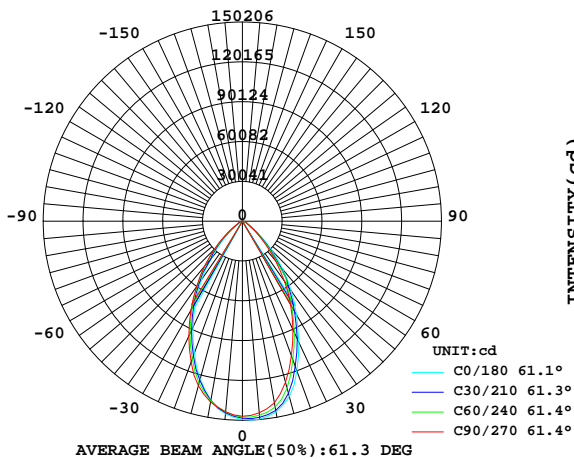
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

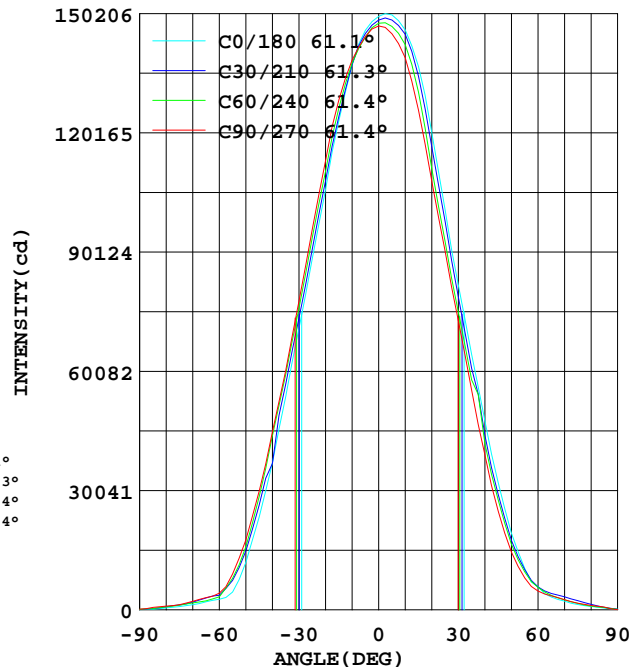
MANUFACTURER:	Address:		
NAME: LSHM-960W-LV (50K)PLUS 60	TYPE:	WEIGHT:	
SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	150206	S/MH(C0/180)	0.85
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.92
NOMINAL POWER(W)	960	TOTAL FLUX(lm)	162785	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	170.3	Current(A)	4.556
NOMINAL FLUX(lm)	162785.0	η up(%)	0.0	Power(W)	955.7
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.988
TEST VOLTAGE(V)	219.8	Effective Flux(lm)	150644.3	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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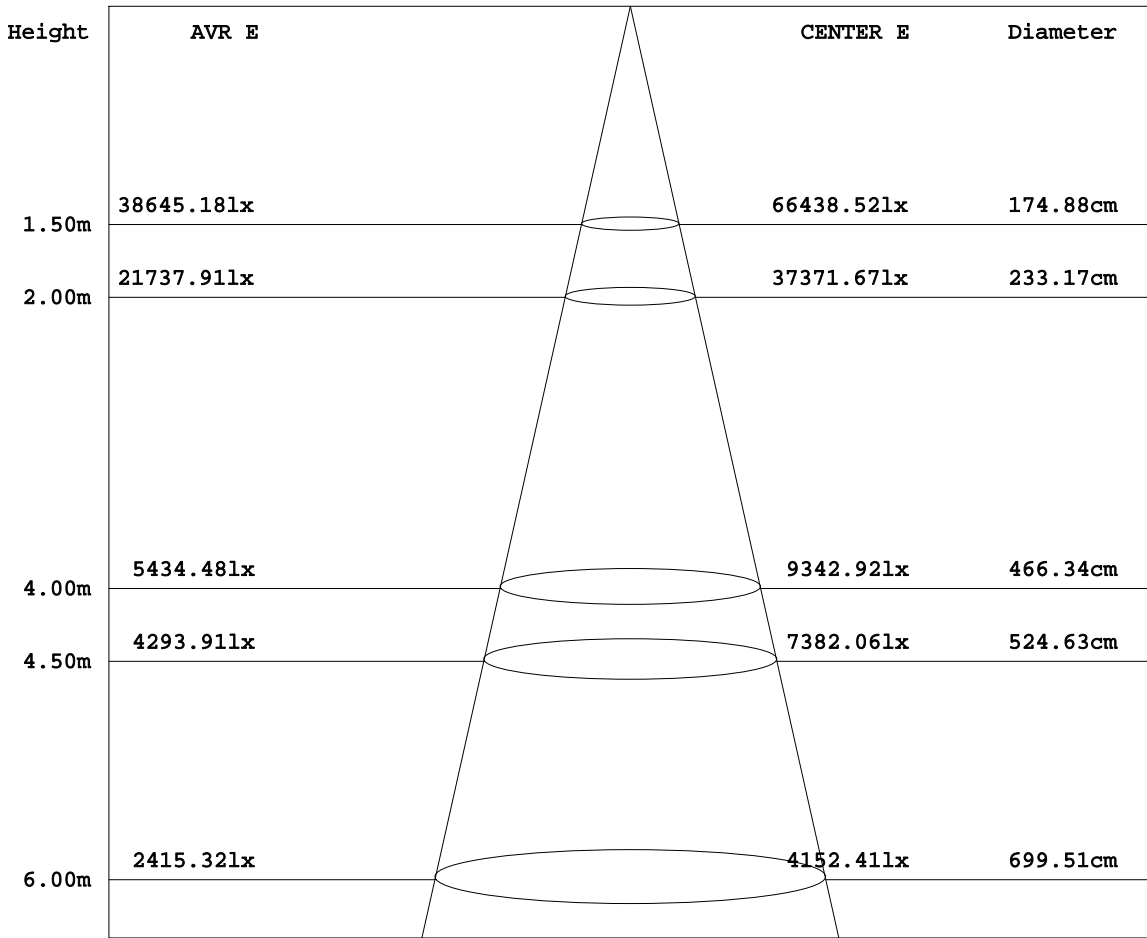
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SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:



Angle:60.5deg

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ZONAL FLUX DIAGRAM

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SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	One	total
5.0	1460	1449	1444	1453	1498	1479	1451	1431	0- 5	3500	3500
10.0	1373	1375	1385	1407	1461	1437	1390	1360	5- 10	10194	13694
15.0	1232	1251	1284	1310	1369	1328	1258	1228	10- 15	15877	29570
20.0	1059	1095	1131	1147	1202	1140	1080	1048	15- 20	19698	49268
25.0	884.8	923.3	958.5	960.6	1008	946.0	904.3	870.4	20- 25	21355	70623
30.0	708.9	747.6	777.8	778.8	817.7	768.9	727.8	703.7	25- 30	21211	91834
35.0	536.9	586.8	602.7	616.8	643.4	591.9	553.5	536.5	30- 35	19599	111434
40.0	370.5	423.4	448.9	452.7	476.3	424.1	390.2	370.6	35- 40	16747	128181
45.0	233.5	279.8	298.7	311.7	320.4	281.6	248.9	240.2	40- 45	12732	140913
50.0	119.7	158.7	176.2	188.5	192.9	169.5	145.2	130.3	45- 50	8702	149615
55.0	45.07	76.19	90.48	98.57	104.2	96.98	80.34	62.67	50- 55	5193	154809
60.0	26.87	39.99	42.08	47.01	58.77	58.84	47.33	36.38	55- 60	2841	157650
65.0	20.35	25.99	30.81	29.70	32.56	38.42	35.22	27.10	60- 65	1765	159415
70.0	13.29	19.01	21.53	24.03	21.93	31.01	25.63	19.08	65- 70	1312	160727
75.0	8.282	12.87	13.18	17.72	13.65	20.94	16.71	13.08	70- 75	942.9	161670
80.0	5.013	7.792	9.353	10.94	8.492	12.59	11.21	8.265	75- 80	614.4	162284
85.0	1.968	3.504	6.267	5.883	4.487	6.491	7.044	2.886	80- 85	353.8	162638
90.0	0.781	1.023	1.723	1.762	1.503	1.943	0.590	0.697	85- 90	147.0	162785
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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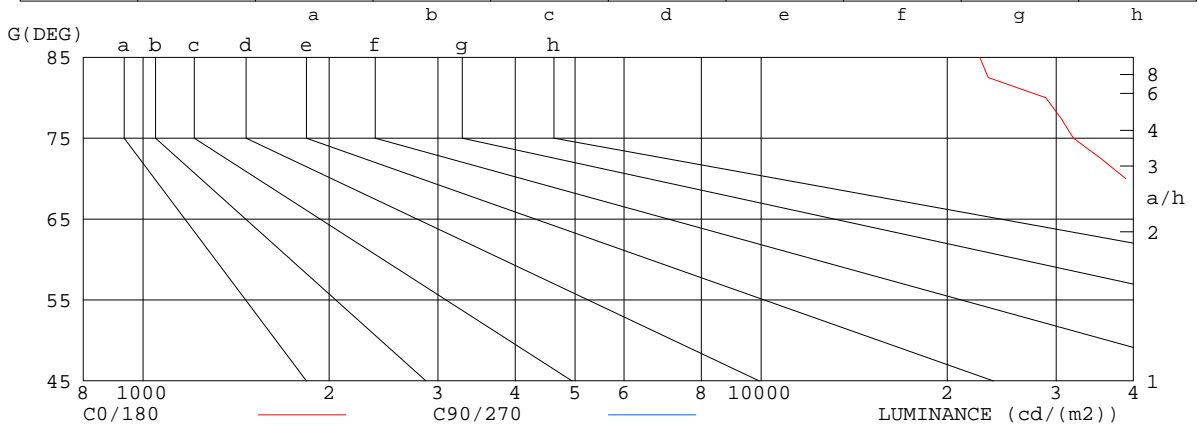
LUMINANCE LIMITATION CURVES

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	22582	71909
80	28869	53866
75	32000	50928
70	38873	62955
65	48171	72922
60	53756	84176
55	78592	157761
50	186288	274150
45	330264	422566

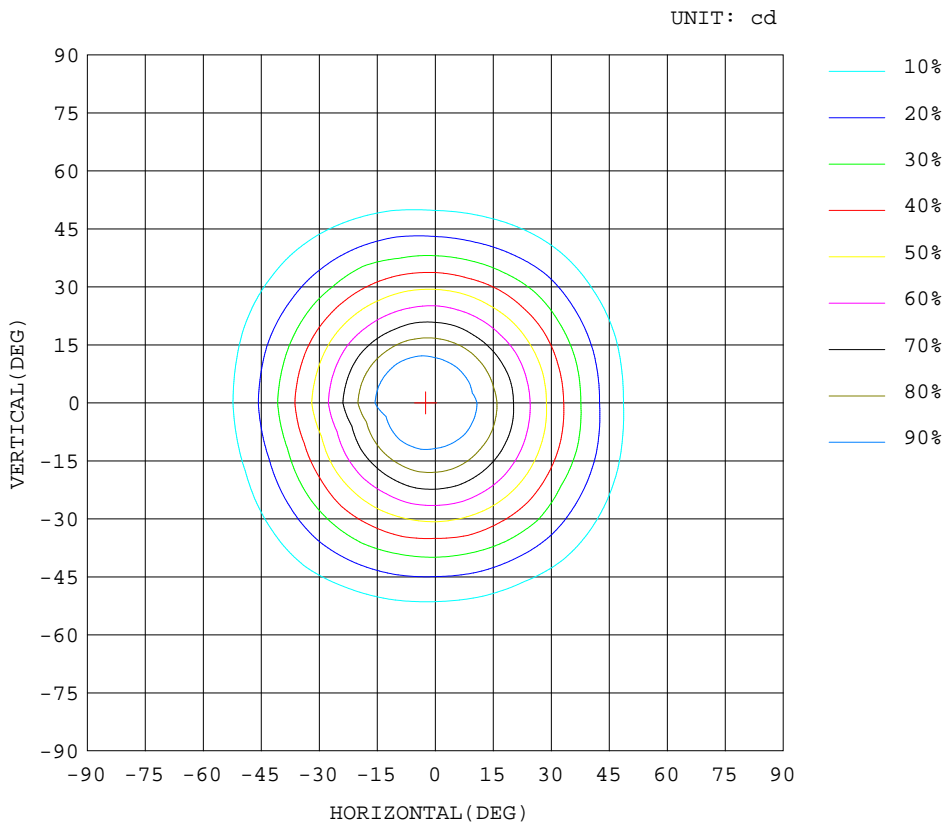
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ISOCANDELA DIAGRAM

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