

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

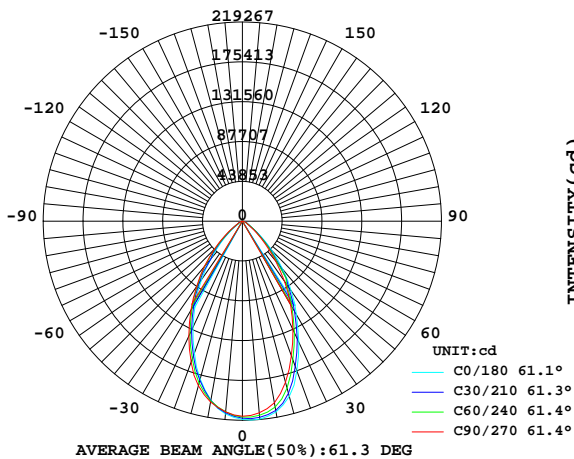
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

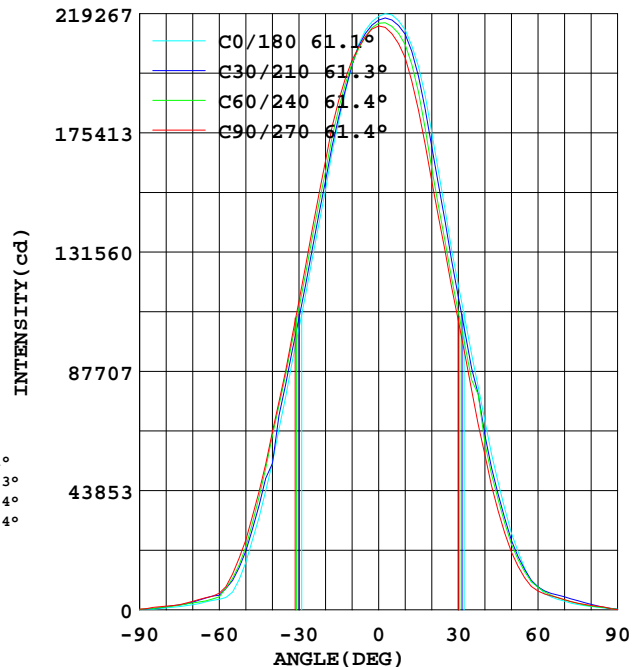
MANUFACTURER:	Address:		
NAME: LSHM-1500W-LV (50K)PLUS 60	TYPE:	WEIGHT:	
SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	219267	S/MH(C0/180)	0.85
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.92
NOMINAL POWER(W)	1500	TOTAL FLUX(lm)	237629	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	159.1	Current(A)	7.012
NOMINAL FLUX(lm)	237629.0	η up(%)	0.0	Power(W)	1494
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.987
TEST VOLTAGE(V)	219.8	Effective Flux(lm)	219906.3	EI	0.093

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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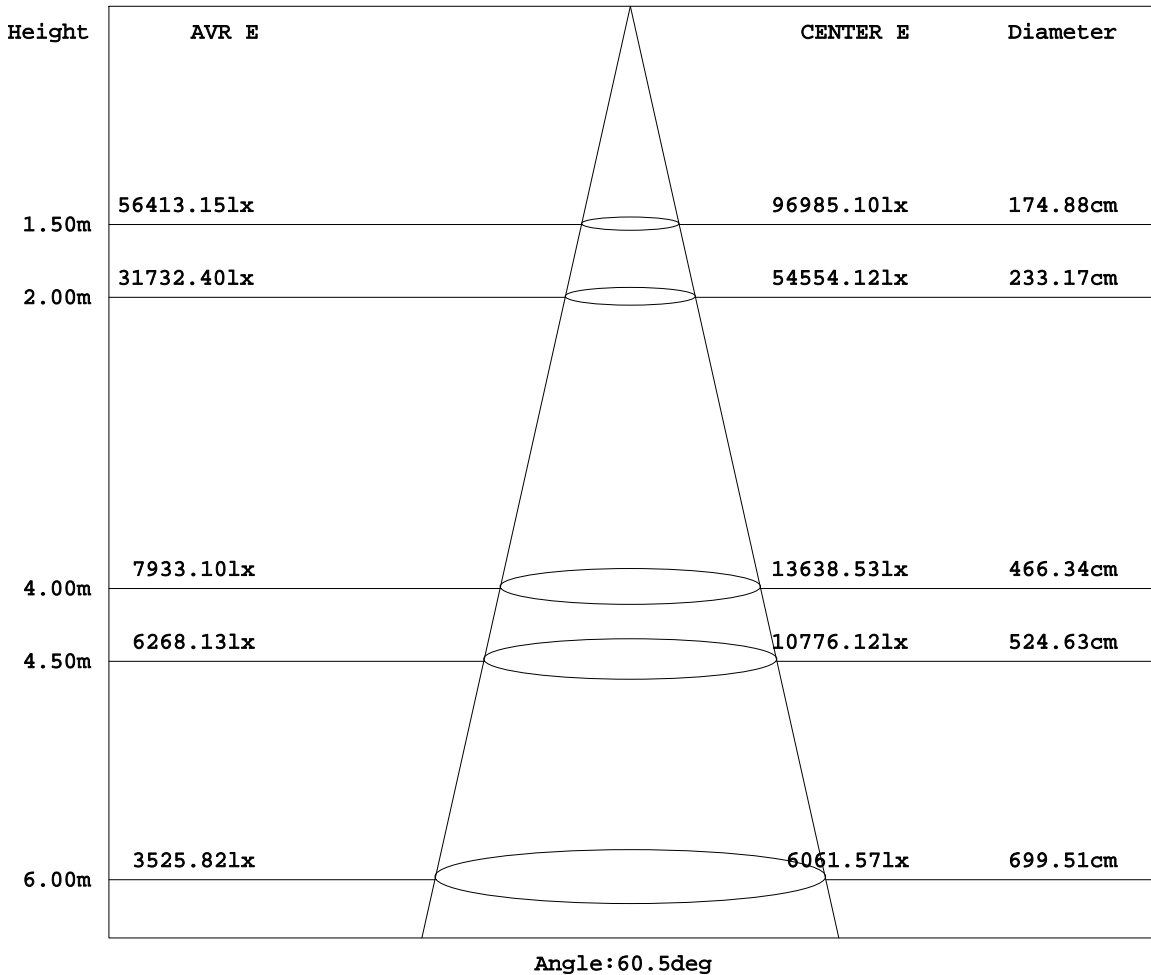
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ZONAL FLUX DIAGRAM

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γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	One	total
5.0	2131	2115	2107	2121	2187	2158	2118	2088	0- 5	5109	5109
10.0	2004	2008	2021	2053	2132	2097	2030	1985	5- 10	14881	19990
15.0	1798	1826	1875	1912	1998	1939	1837	1793	10- 15	23176	43166
20.0	1546	1598	1652	1674	1754	1664	1576	1531	15- 20	28754	71920
25.0	1292	1348	1399	1402	1472	1381	1320	1271	20- 25	31173	103093
30.0	1035	1091	1136	1137	1194	1122	1063	1027	25- 30	30964	134057
35.0	783.7	856.6	879.9	900.4	939.3	864.0	808.0	783.2	30- 35	28611	162668
40.0	540.9	618.1	655.3	660.9	695.3	619.1	569.6	541.0	35- 40	24447	187115
45.0	340.9	408.4	436.1	455.0	467.7	411.2	363.4	350.7	40- 45	18586	205701
50.0	174.7	231.7	257.2	275.2	281.7	247.5	212.0	190.2	45- 50	12703	218404
55.0	65.80	111.2	132.0	143.8	152.1	141.5	117.2	91.49	50- 55	7581	225985
60.0	39.23	58.38	61.43	68.62	85.79	85.89	69.09	53.12	55- 60	4148	230133
65.0	29.71	37.94	44.98	43.36	47.53	56.09	51.41	39.56	60- 65	2577	232710
70.0	19.40	27.75	31.43	35.08	32.02	45.27	37.42	27.85	65- 70	1915	234624
75.0	12.09	18.78	19.24	25.87	19.92	30.57	24.39	19.10	70- 75	1376	236001
80.0	7.317	11.37	13.65	15.98	12.39	18.38	16.37	12.06	75- 80	896.9	236898
85.0	2.873	5.116	9.148	8.588	6.550	9.476	10.28	4.214	80- 85	516.5	237414
90.0	1.140	1.494	2.515	2.572	2.194	2.837	0.861	1.017	85- 90	214.6	237629
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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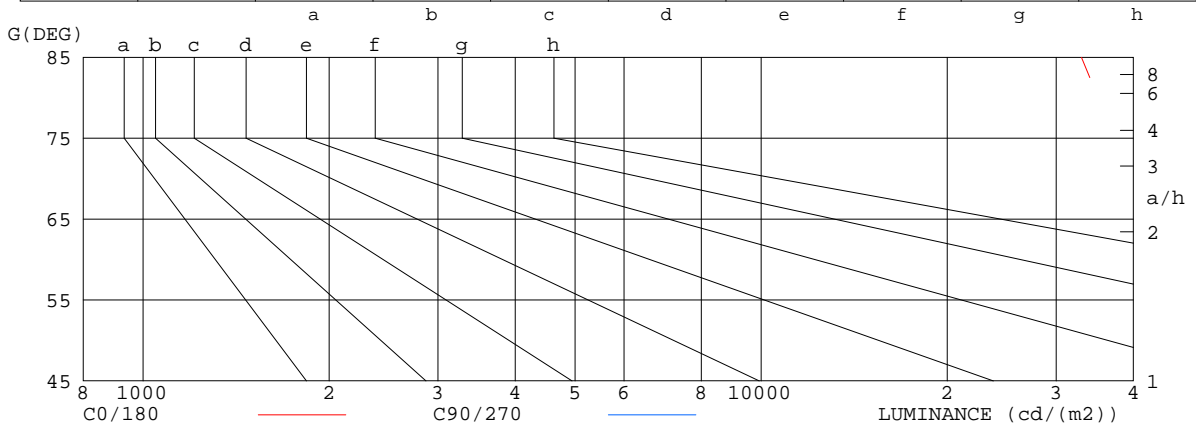
LUMINANCE LIMITATION CURVES

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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	32965	104971
80	42142	78631
75	46712	74343
70	56745	91900
65	70319	106450
60	78472	122878
55	114727	230295
50	271938	400197
45	482110	616849

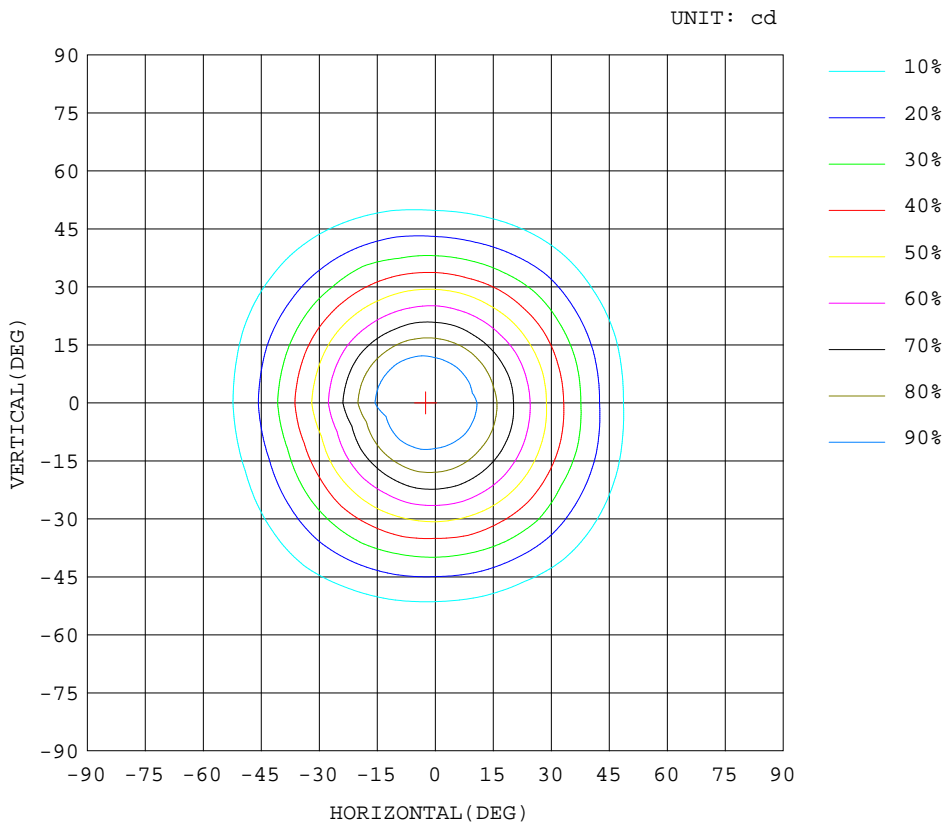
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