

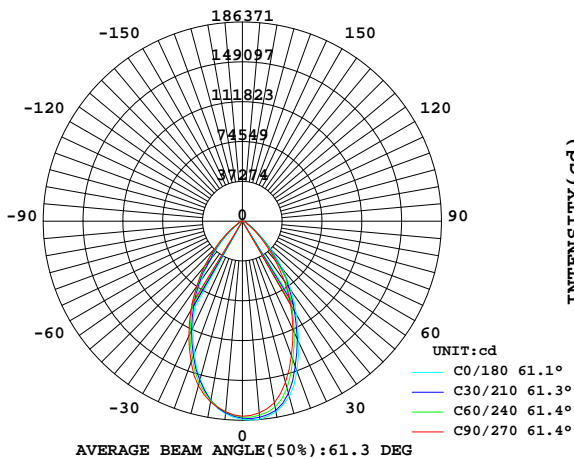
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

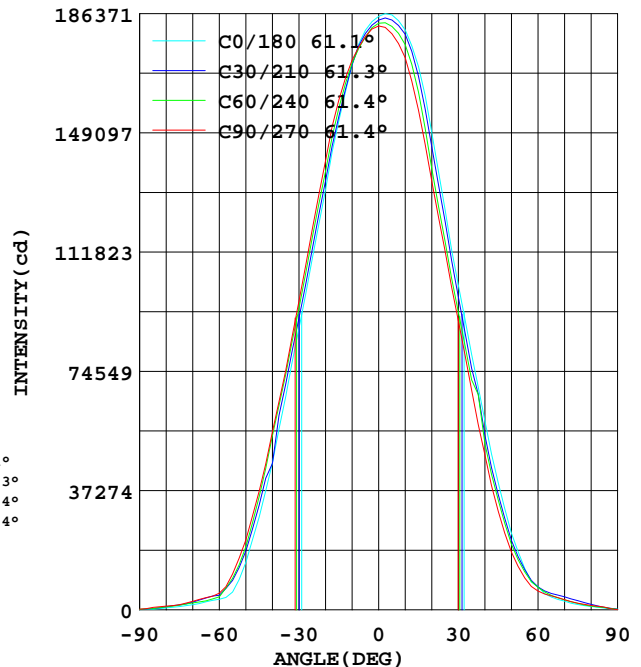
MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS 60	TYPE:	WEIGHT:	
SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	186371	S/MH(C0/180)	0.85
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.92
NOMINAL POWER(W)	1200	TOTAL FLUX(lm)	201979	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	169.2	Current(A)	5.587
NOMINAL FLUX(lm)	201979.0	$\eta$ up(%)	0.0	Power(W)	1194
LAMPS QUANTITY	1	$\eta$ down(%)	100.0	Power Factor(PF)	0.993
TEST VOLTAGE(V)	219.8	Effective Flux(lm)	186915.3	EI	0.087

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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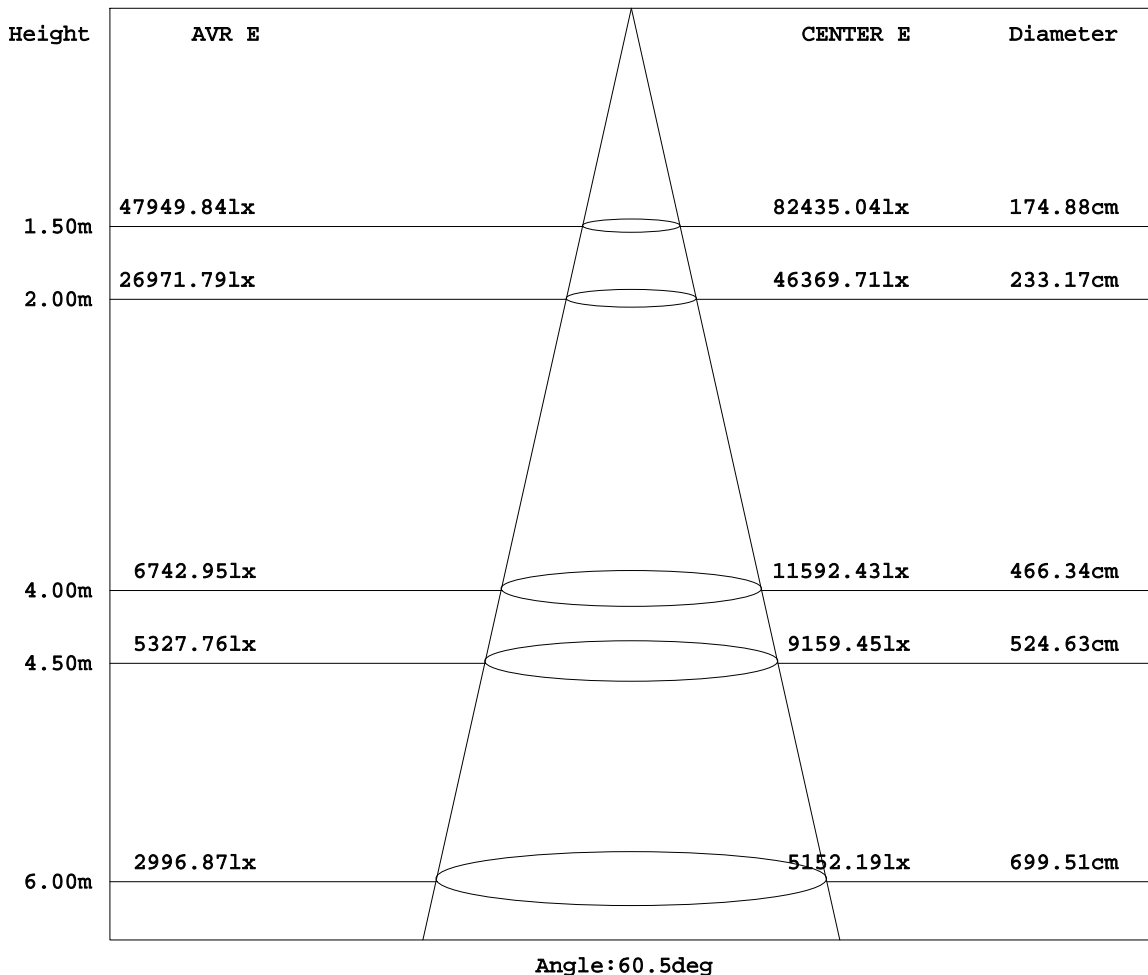
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## AVERAGE AND CENTER E Figure

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SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:



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Operators:  
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Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-LV (50K)PLUS 60	TYPE:	WEIGHT:
SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	One	total
5.0	1812	1798	1791	1803	1859	1835	1800	1775	0- 5	4342	4342
10.0	1704	1706	1718	1745	1813	1783	1725	1687	5- 10	12648	16991
15.0	1528	1552	1593	1625	1698	1648	1561	1524	10- 15	19699	36690
20.0	1314	1358	1404	1423	1491	1415	1339	1301	15- 20	24440	61130
25.0	1098	1146	1189	1192	1251	1174	1122	1080	20- 25	26496	87627
30.0	879.6	927.7	965.1	966.3	1015	954.0	903.1	873.1	25- 30	26319	113945
35.0	666.1	728.1	747.9	765.3	798.4	734.4	686.8	665.7	30- 35	24318	138264
40.0	459.8	525.4	557.0	561.7	591.0	526.2	484.1	459.8	35- 40	20780	159043
45.0	289.7	347.1	370.7	386.7	397.6	349.5	308.8	298.1	40- 45	15798	174841
50.0	148.5	196.9	218.6	233.9	239.4	210.3	180.2	161.7	45- 50	10797	185638
55.0	55.93	94.54	112.2	122.3	129.3	120.3	99.68	77.76	50- 55	6444	192082
60.0	33.34	49.62	52.22	58.33	72.92	73.00	58.72	45.15	55- 60	3525	195608
65.0	25.25	32.25	38.23	36.85	40.40	47.67	43.70	33.62	60- 65	2190	197798
70.0	16.49	23.58	26.71	29.82	27.22	38.47	31.80	23.67	65- 70	1627	199425
75.0	10.27	15.97	16.35	21.99	16.94	25.98	20.73	16.24	70- 75	1170	200595
80.0	6.220	9.668	11.60	13.58	10.53	15.62	13.91	10.25	75- 80	762.4	201357
85.0	2.442	4.348	7.776	7.300	5.567	8.054	8.740	3.581	80- 85	439.0	201797
90.0	0.969	1.270	2.138	2.186	1.864	2.411	0.731	0.865	85- 90	182.4	201979
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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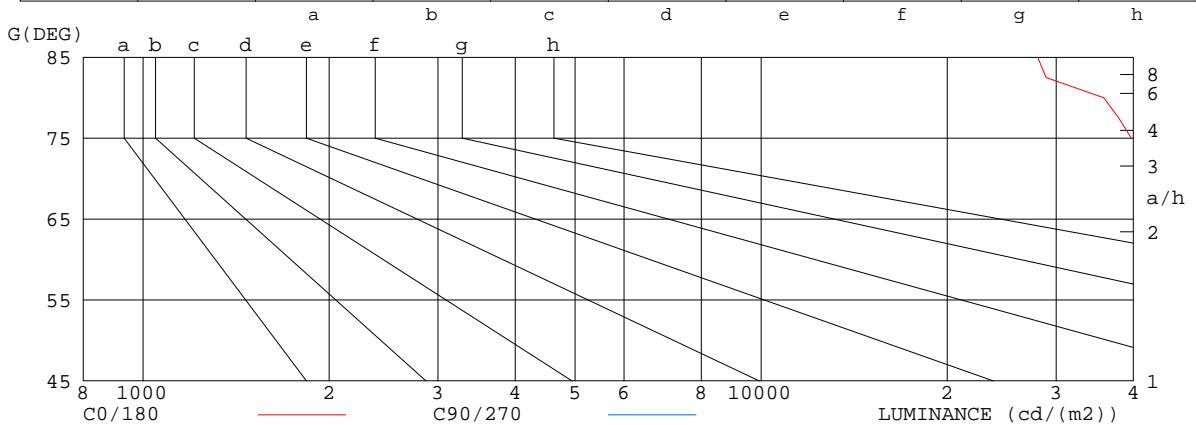
## LUMINANCE LIMITATION CURVES

Report number:

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SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:

### 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	28019	89223
80	35820	66835
75	39704	63190
70	48232	78113
65	59770	90480
60	66699	104444
55	97515	195745
50	231141	340158
45	409782	524307

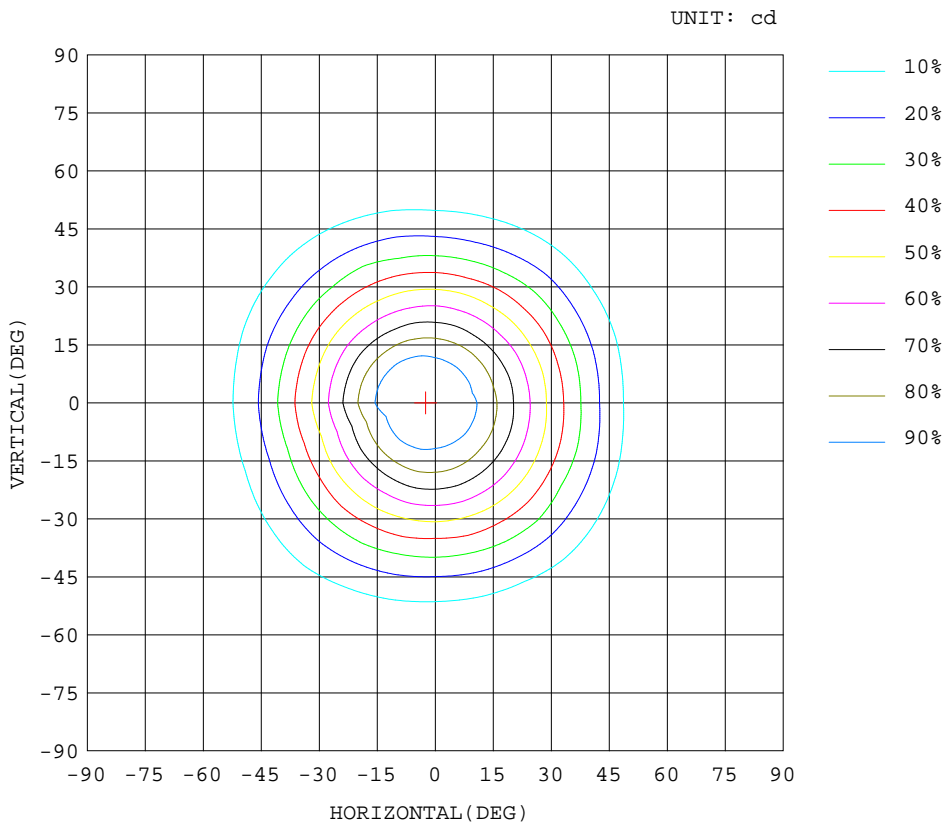
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## ISOCANDELA DIAGRAM

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Operators:  
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