

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

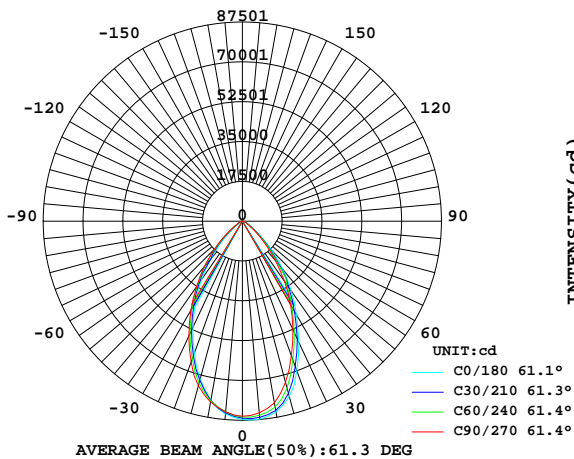
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

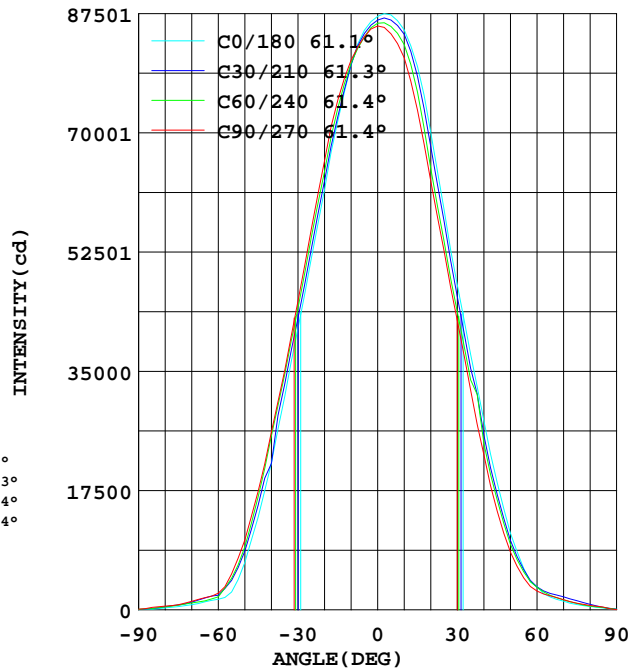
MANUFACTURER:	Address:		
NAME: LSHM-600W-LV (50K)PLUS 60	TYPE:	WEIGHT:	
SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	87501	S/MH(C0/180)	0.85
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.92
NOMINAL POWER(W)	600	TOTAL FLUX(lm)	94829	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	158.4	Current(A)	2.699
NOMINAL FLUX(lm)	94829.0	η up(%)	0.0	Power(W)	598.7
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.988
TEST VOLTAGE(V)	219.8	Effective Flux(lm)	87756.6	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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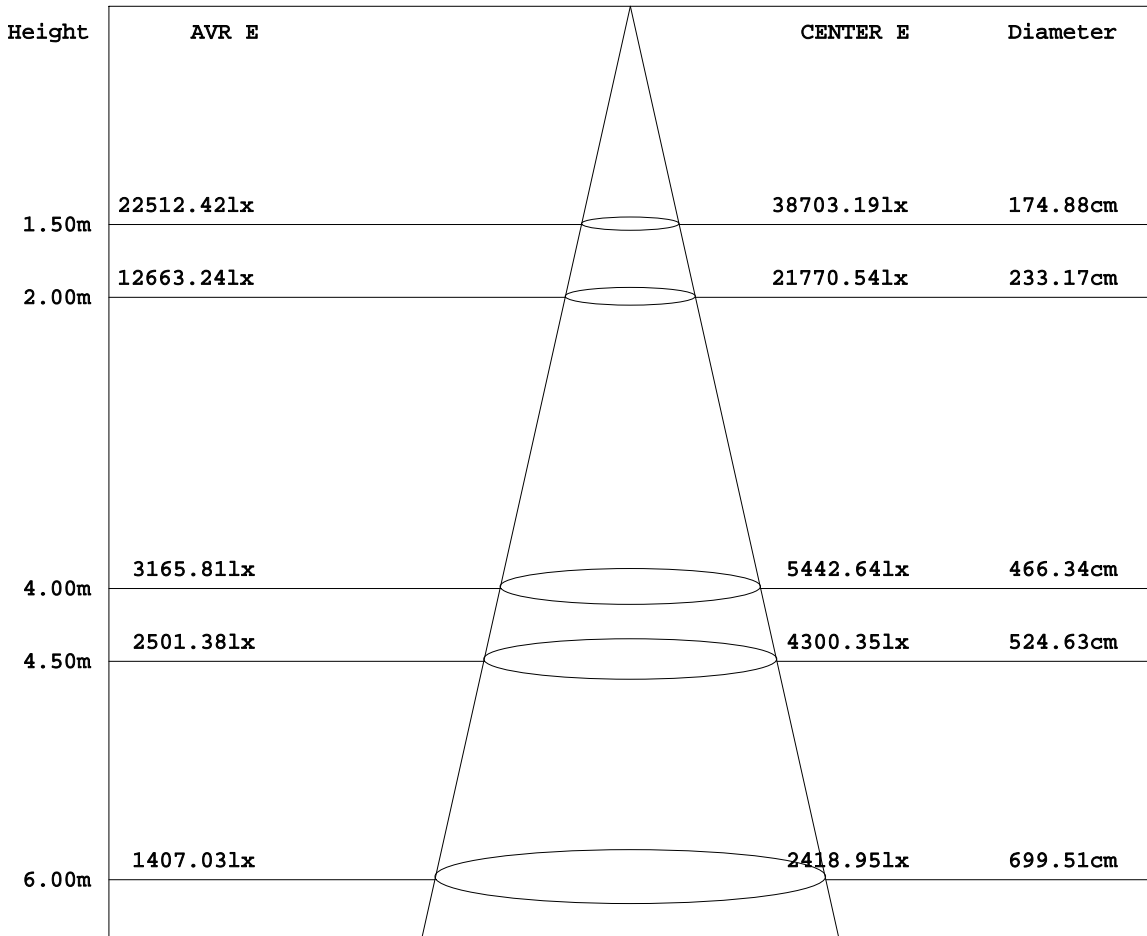
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SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:



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	8505	8440	8410	8463	8729	8613	8453	8334	0- 5	2039	2039
10.0	7998	8011	8067	8194	8510	8369	8100	7921	5- 10	5938	7977
15.0	7175	7286	7481	7630	7972	7738	7330	7154	10- 15	9249	17226
20.0	6170	6376	6591	6681	7002	6641	6289	6108	15- 20	11475	28701
25.0	5155	5379	5584	5596	5873	5511	5268	5071	20- 25	12440	41141
30.0	4130	4356	4531	4537	4764	4479	4240	4100	25- 30	12357	53497
35.0	3128	3418	3511	3593	3749	3448	3225	3126	30- 35	11417	64915
40.0	2159	2467	2615	2638	2775	2471	2273	2159	35- 40	9756	74671
45.0	1360	1630	1741	1816	1867	1641	1450	1400	40- 45	7417	82088
50.0	697.5	924.9	1027	1099	1124	987.7	846.3	759.3	45- 50	5069	87157
55.0	262.6	443.8	527.1	574.2	607.1	564.9	468.0	365.1	50- 55	3025	90182
60.0	156.5	232.9	245.1	273.8	342.3	342.7	275.7	211.9	55- 60	1655	91838
65.0	118.5	151.4	179.5	173.0	189.6	223.8	205.1	157.8	60- 65	1028	92866
70.0	77.44	110.7	125.4	140.0	127.8	180.6	149.3	111.1	65- 70	764.0	93630
75.0	48.24	74.98	76.78	103.2	79.53	122.0	97.36	76.24	70- 75	549.2	94179
80.0	29.20	45.39	54.48	63.78	49.46	73.38	65.33	48.14	75- 80	357.9	94537
85.0	11.46	20.41	36.50	34.27	26.13	37.81	41.03	16.81	80- 85	206.1	94743
90.0	4.551	5.962	10.03	10.26	8.755	11.32	3.434	4.060	85- 90	85.64	94829
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:×10cd								UNIT:lm		

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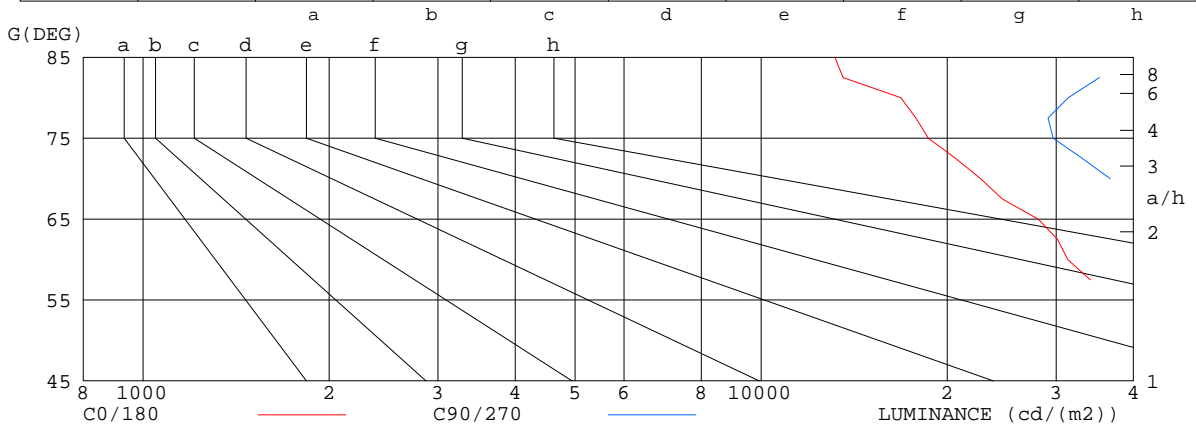
LUMINANCE LIMITATION CURVES

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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	13155	41890
80	16817	31379
75	18641	29668
70	22645	36674
65	28062	42480
60	31315	49036
55	45783	91902
50	108520	159704
45	192392	246162

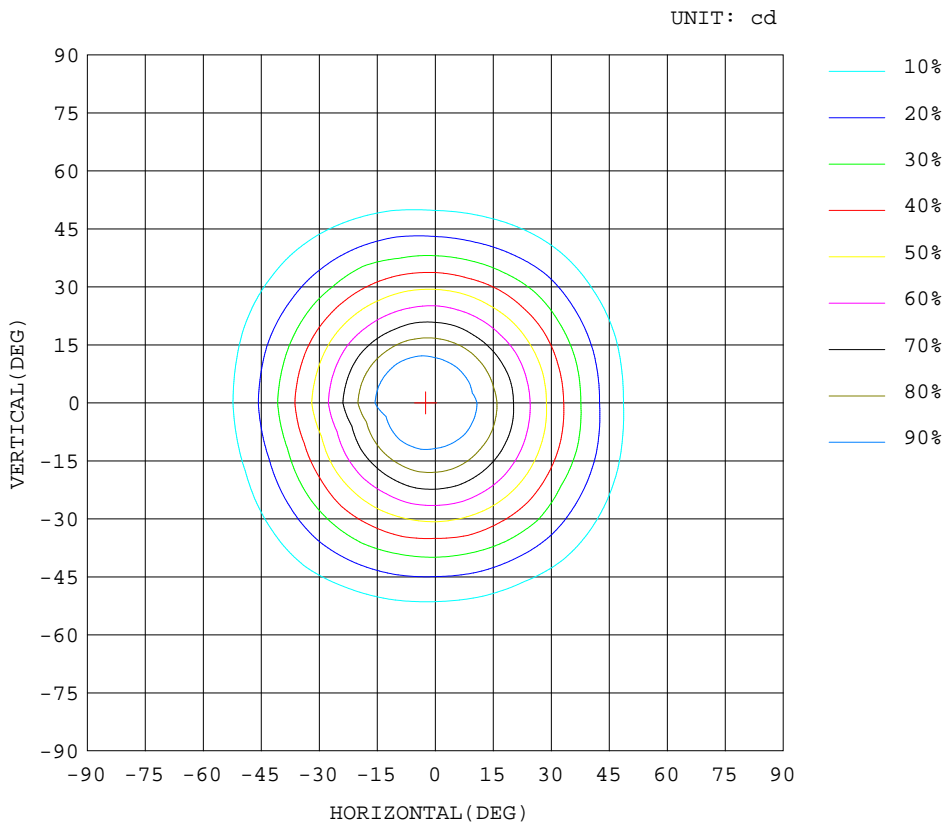
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