

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

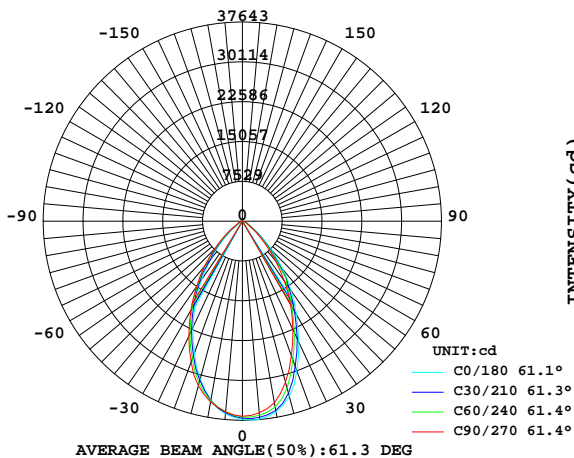
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

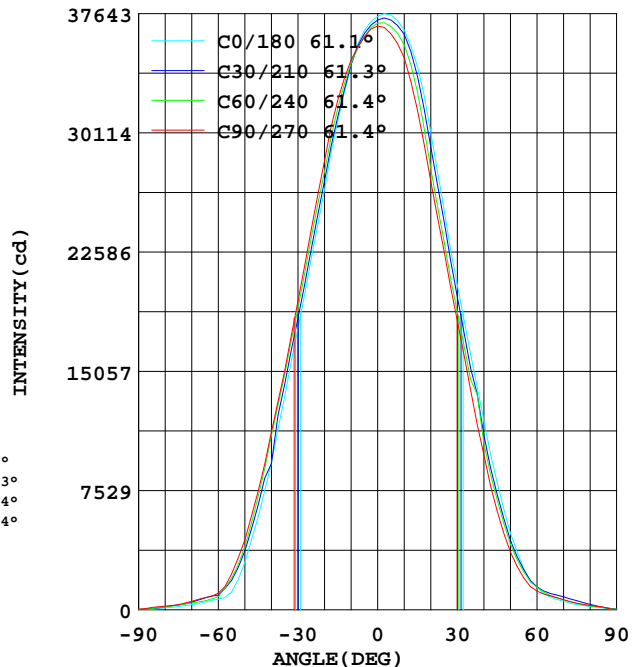
MANUFACTURER:	Address:		
NAME: LSHM-240W-LV (50K)PLUS 60	TYPE:	WEIGHT:	
SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	37643	S/MH(C0/180)	0.85
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.92
NOMINAL POWER(W)	240	TOTAL FLUX(lm)	40795	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	170.9	Current(A)	1.112
NOMINAL FLUX(lm)	40795.0	η up(%)	0.0	Power(W)	238.6
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.987
TEST VOLTAGE(V)	219.8	Effective Flux(lm)	37752.5	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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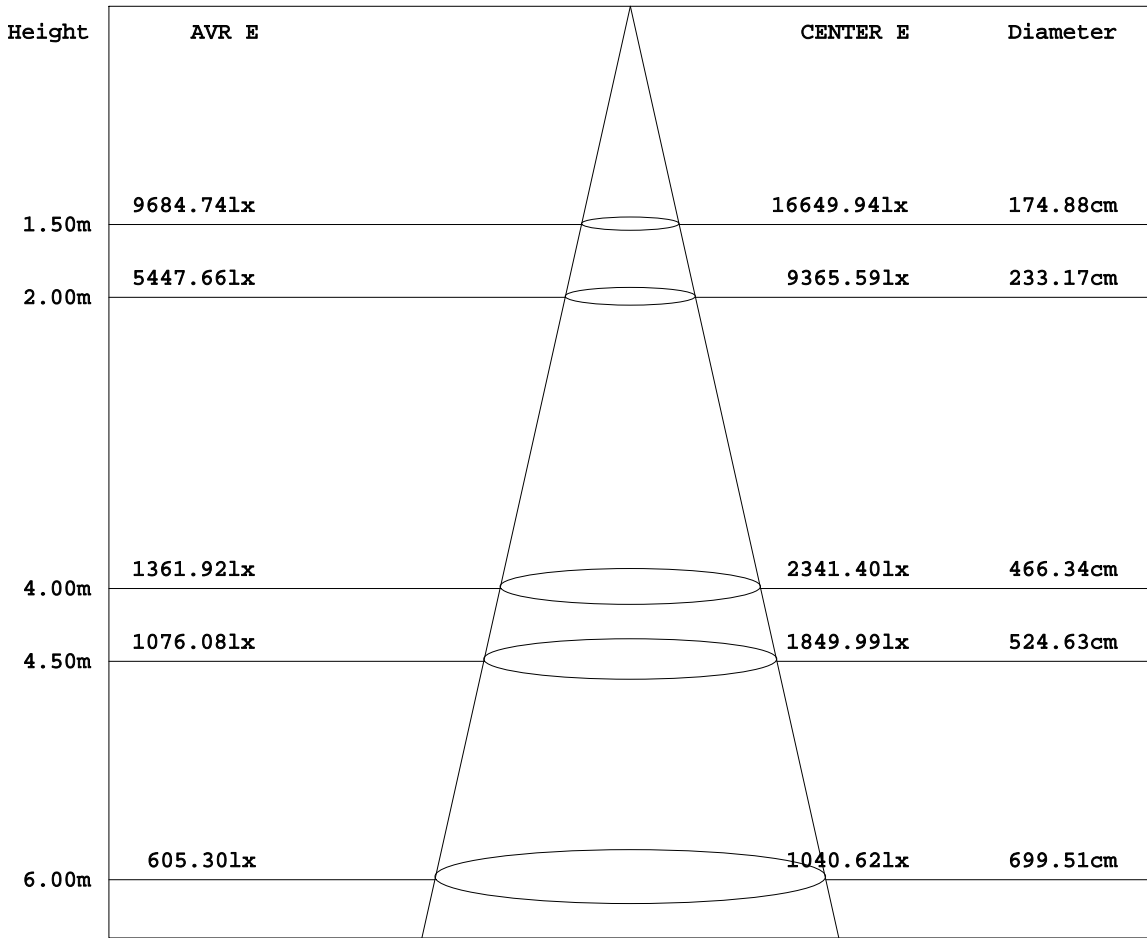
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SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:



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	3659	3631	3618	3641	3755	3705	3637	3585	0- 5	877.0	877.0
10.0	3441	3446	3470	3525	3661	3600	3485	3407	5- 10	2555	3432
15.0	3087	3134	3218	3282	3430	3329	3153	3078	10- 15	3979	7411
20.0	2654	2743	2835	2874	3012	2857	2705	2628	15- 20	4936	12347
25.0	2218	2314	2402	2408	2526	2371	2266	2182	20- 25	5352	17699
30.0	1777	1874	1949	1952	2049	1927	1824	1764	25- 30	5316	23014
35.0	1346	1471	1511	1546	1613	1483	1387	1345	30- 35	4912	27926
40.0	928.7	1061	1125	1135	1194	1063	977.8	928.8	35- 40	4197	32123
45.0	585.2	701.2	748.8	781.1	803.0	705.9	623.8	602.1	40- 45	3191	35314
50.0	300.0	397.8	441.6	472.6	483.6	424.9	364.0	326.6	45- 50	2181	37495
55.0	112.9	190.9	226.7	247.0	261.2	243.0	201.3	157.0	50- 55	1301	38796
60.0	67.35	100.2	105.4	117.8	147.2	147.4	118.6	91.19	55- 60	712.0	39508
65.0	51.01	65.14	77.23	74.44	81.59	96.29	88.26	67.91	60- 65	442.3	39950
70.0	33.31	47.64	53.96	60.24	54.98	77.71	64.24	47.82	65- 70	328.7	40279
75.0	20.75	32.25	33.03	44.42	34.21	52.49	41.88	32.80	70- 75	236.3	40515
80.0	12.56	19.52	23.44	27.44	21.28	31.56	28.10	20.71	75- 80	153.9	40669
85.0	4.932	8.783	15.70	14.74	11.24	16.26	17.65	7.234	80- 85	88.68	40758
90.0	1.958	2.565	4.318	4.416	3.766	4.870	1.477	1.746	85- 90	36.84	40795
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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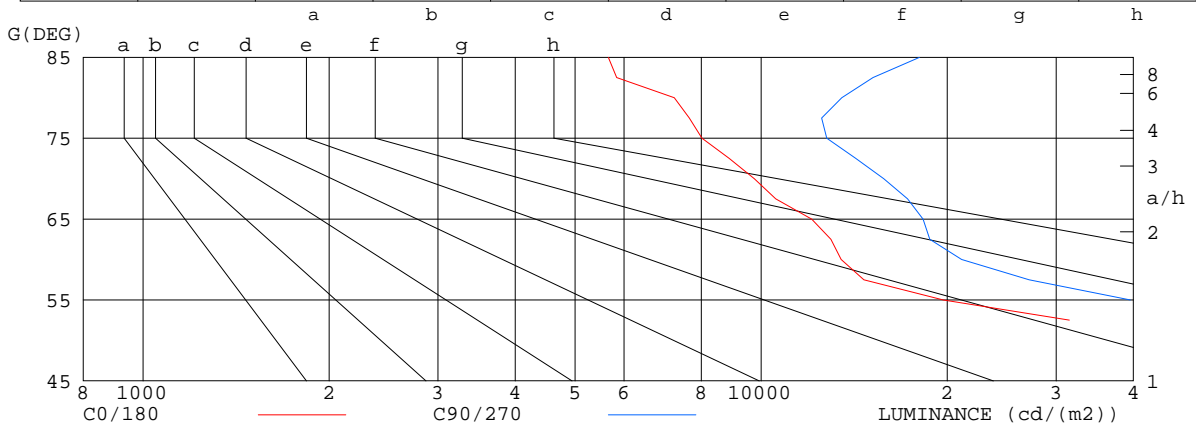
LUMINANCE LIMITATION CURVES

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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	5659	18021
80	7235	13499
75	8019	12763
70	9742	15777
65	12072	18275
60	13472	21095
55	19696	39536
50	46685	68704
45	82766	105898

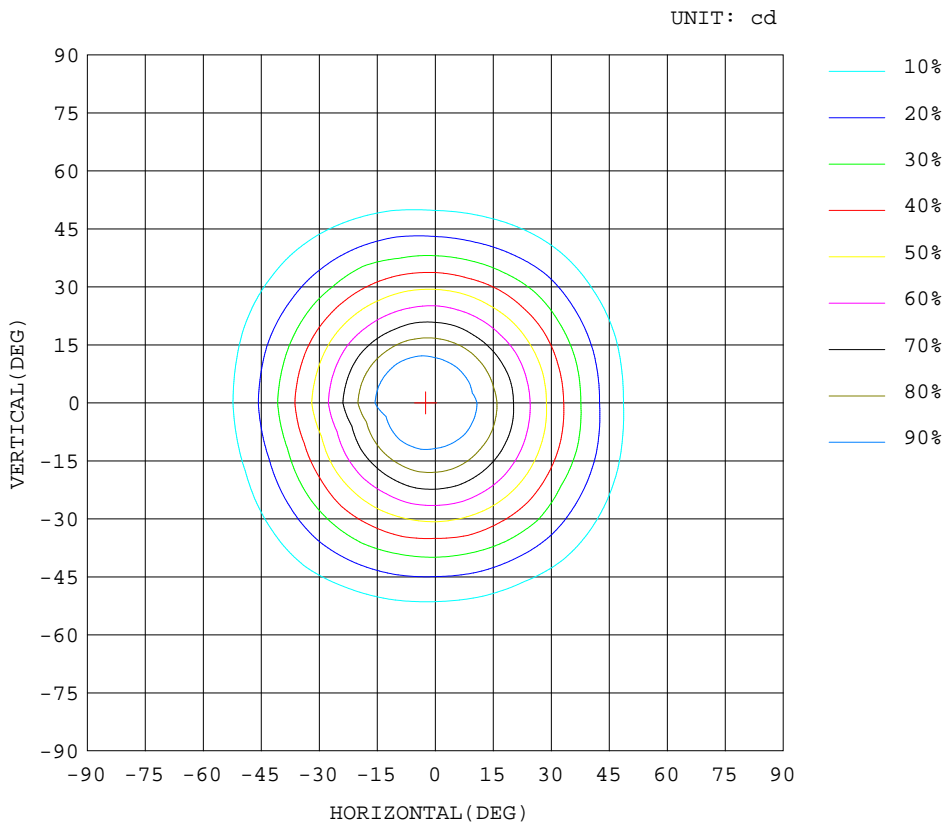
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ISOCANDELA DIAGRAM

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