

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

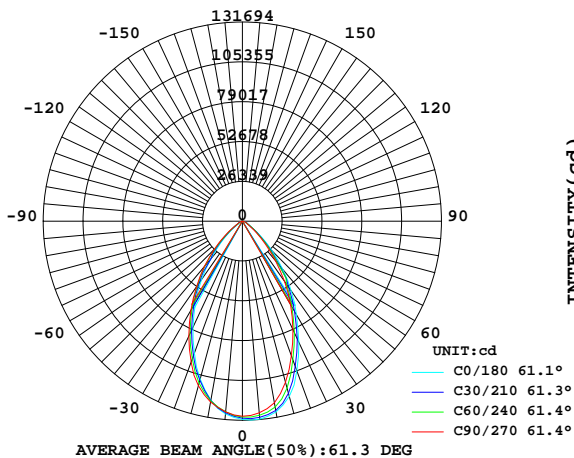
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

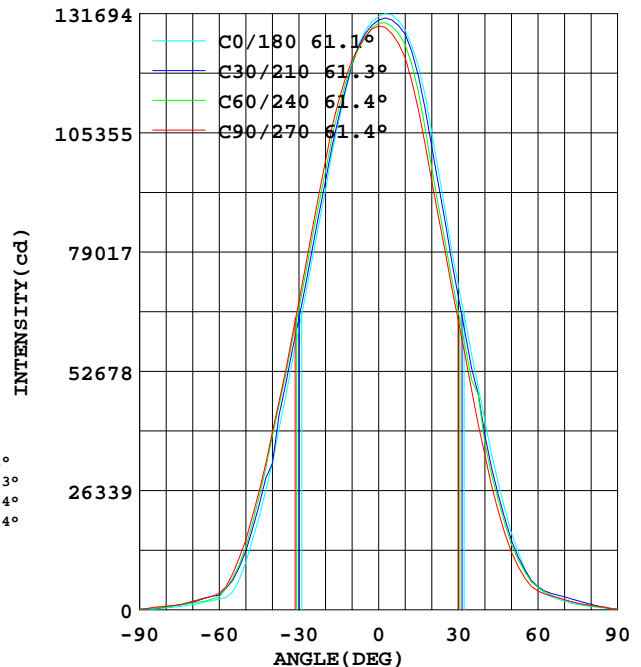
MANUFACTURER:	Address:		
NAME: LSHM-900W-LV (50K)PLUS 60	TYPE:	WEIGHT:	
SPECIFICATION:5000K 60	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	131694	S/MH(C0/180)	0.85
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.92
NOMINAL POWER(W)	900	TOTAL FLUX(lm)	142723	Voltage(V)	219.8
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	159.1	Current(A)	4.128
NOMINAL FLUX(lm)	142723.0	η up(%)	0.0	Power(W)	896.9
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.992
TEST VOLTAGE(V)	219.8	Effective Flux(lm)	132078.5	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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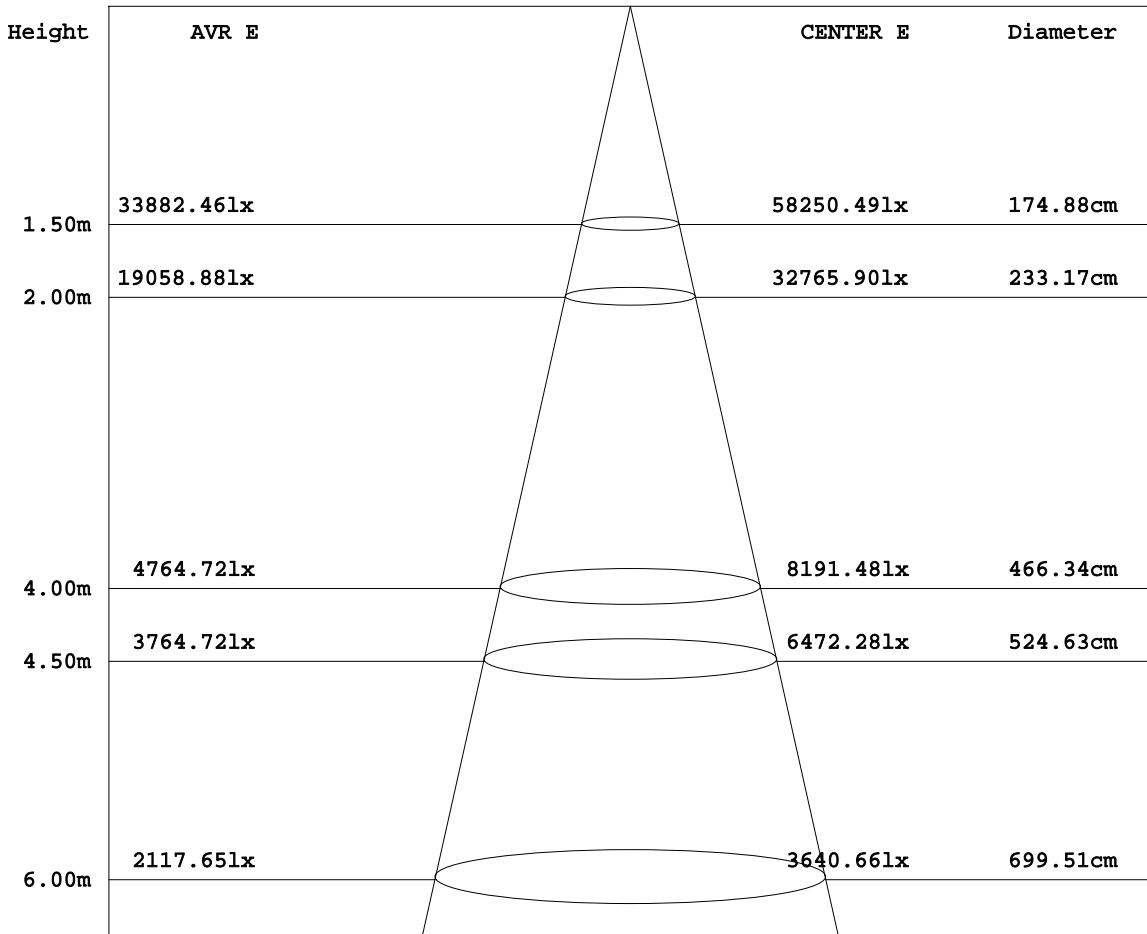
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Angle:60.5deg

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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	1280	1270	1266	1274	1314	1296	1272	1254	0- 5	3068	3068
10.0	1204	1206	1214	1233	1281	1260	1219	1192	5- 10	8938	12006
15.0	1080	1097	1126	1148	1200	1165	1103	1077	10- 15	13920	25926
20.0	928.5	959.6	991.9	1006	1054	999.5	946.4	919.2	15- 20	17270	43196
25.0	775.8	809.5	840.4	842.2	883.8	829.4	792.9	763.2	20- 25	18723	61919
30.0	621.5	655.5	682.0	682.8	716.9	674.1	638.1	617.0	25- 30	18597	80516
35.0	470.7	514.5	528.4	540.8	564.1	518.9	485.3	470.4	30- 35	17184	97700
40.0	324.9	371.2	393.6	396.9	417.6	371.8	342.1	324.9	35- 40	14683	112384
45.0	204.7	245.3	261.9	273.2	280.9	246.9	218.2	210.6	40- 45	11163	123547
50.0	104.9	139.2	154.5	165.3	169.2	148.6	127.3	114.2	45- 50	7630	131176
55.0	39.52	66.80	79.33	86.42	91.38	85.02	70.43	54.95	50- 55	4553	135730
60.0	23.56	35.06	36.90	41.21	51.52	51.58	41.49	31.90	55- 60	2491	138221
65.0	17.84	22.79	27.02	26.04	28.54	33.69	30.88	23.76	60- 65	1548	139768
70.0	11.65	16.66	18.87	21.07	19.23	27.19	22.47	16.73	65- 70	1150	140918
75.0	7.261	11.28	11.55	15.54	11.97	18.36	14.65	11.47	70- 75	826.7	141745
80.0	4.395	6.831	8.200	9.600	7.445	11.04	9.833	7.246	75- 80	538.7	142284
85.0	1.725	3.072	5.494	5.158	3.934	5.691	6.176	2.531	80- 85	310.2	142594
90.0	0.685	0.897	1.510	1.544	1.317	1.704	0.517	0.611	85- 90	128.8	142723
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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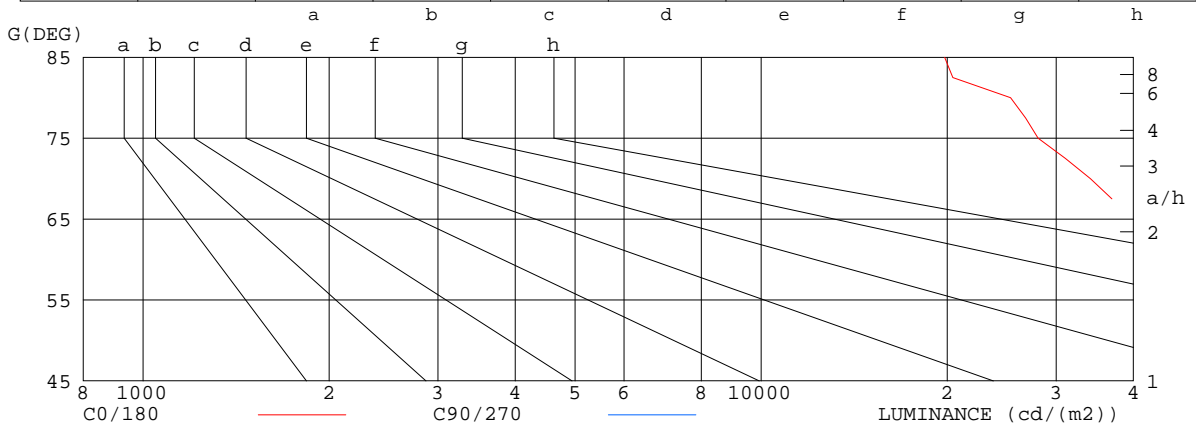
LUMINANCE LIMITATION CURVES

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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	19799	63047
80	25311	47227
75	28056	44652
70	34082	55196
65	42235	63935
60	47131	73802
55	68906	138318
50	163329	240363
45	289561	370488

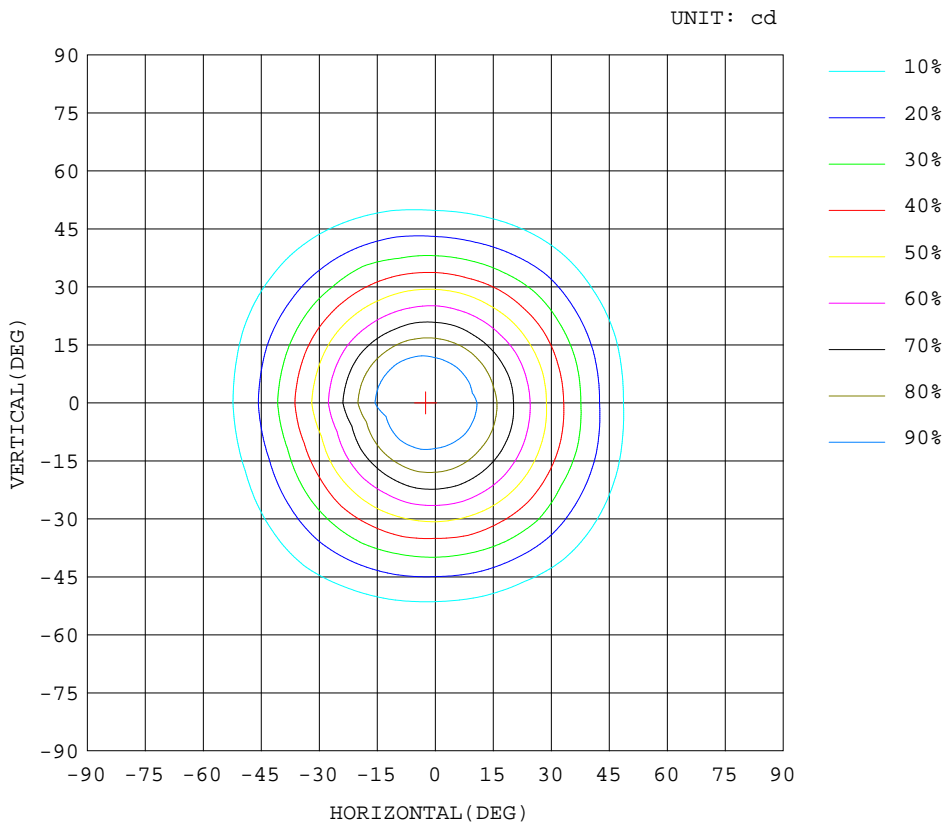
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ISOCANDELA DIAGRAM

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