

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

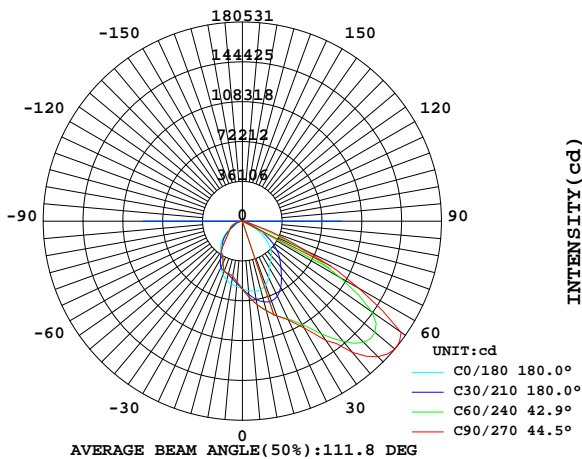
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

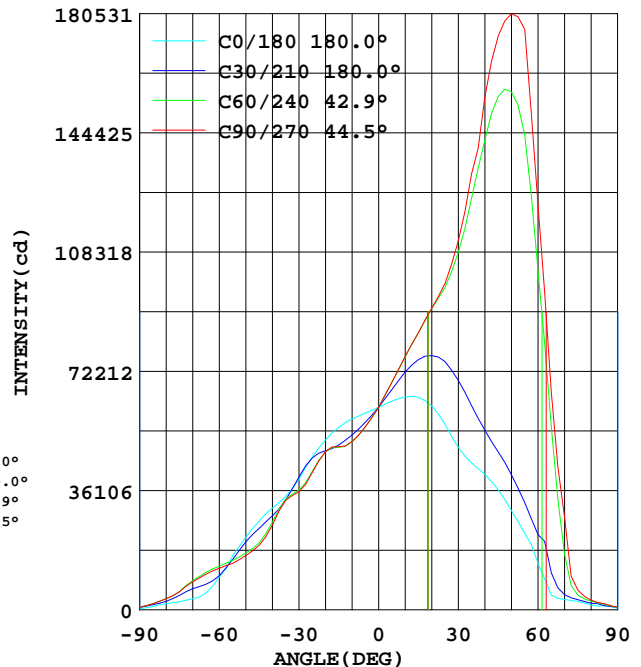
MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS P50	TYPE:	WEIGHT:	
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	249596	S/MH(C0/180)	1.03
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.94
NOMINAL POWER(W)	1200	TOTAL FLUX(lm)	191531	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	160.3	Current(A)	5.694
NOMINAL FLUX(lm)	191531.0	η up(%)	0.0	Power(W)	1195
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.994
TEST VOLTAGE(V)	220.7	Effective Flux(lm)	164756.5	EI	0.099

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-30-2020

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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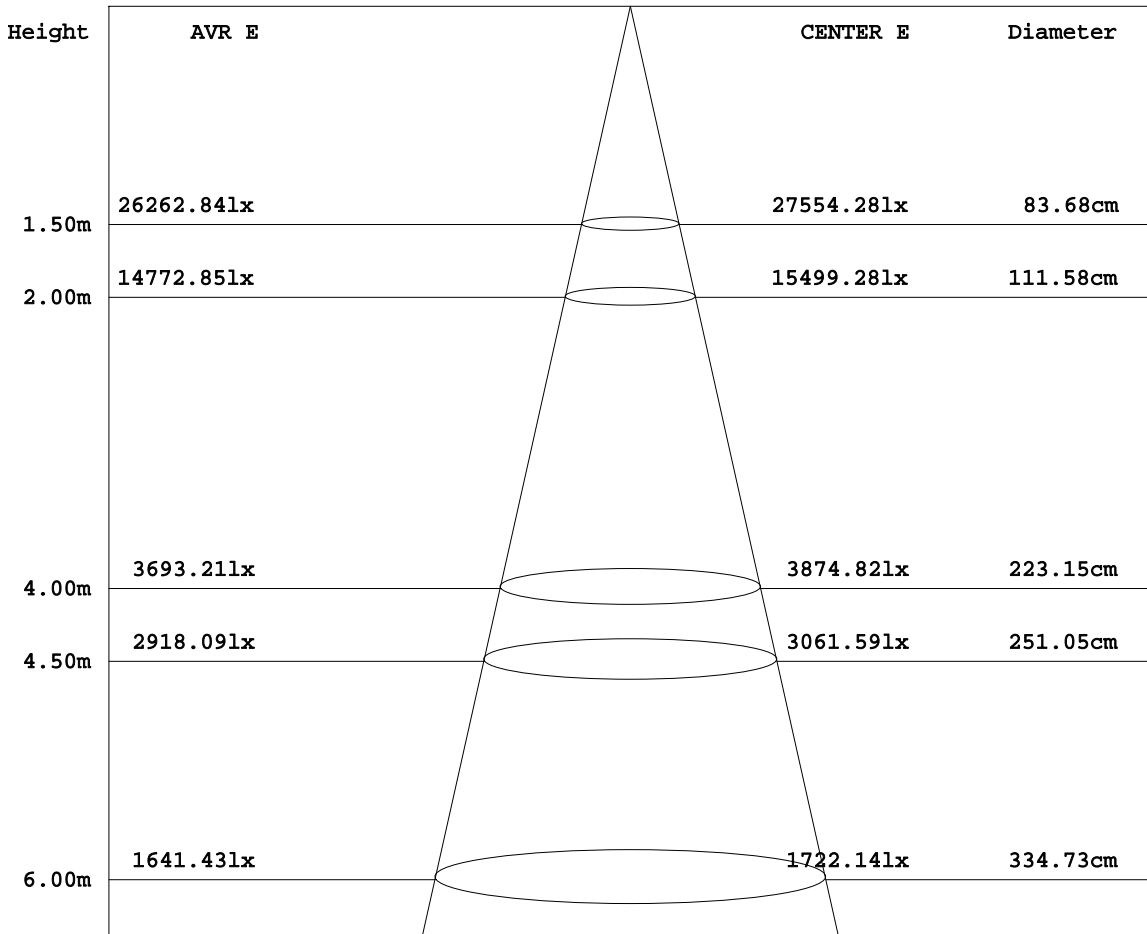
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SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:



Angle:31.2deg

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ZONAL FLUX DIAGRAM

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SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	one	total
5.0	596.0	559.3	554.8	580.5	632.0	680.1	689.5	651.5	0- 5	1473	1473
10.0	578.1	516.0	509.8	547.8	644.4	749.4	768.6	687.7	5- 10	4446	5919
15.0	552.4	491.4	493.8	514.9	643.6	807.4	839.0	710.8	10- 15	7456	13374
20.0	514.8	487.6	479.4	480.3	617.0	852.1	913.9	706.0	15- 20	10421	23796
25.0	462.4	449.4	415.7	439.1	562.2	871.1	988.6	668.0	20- 25	13015	36811
30.0	395.8	380.4	357.8	383.9	492.0	867.6	1118	601.8	25- 30	14977	51788
35.0	343.0	336.9	331.9	333.0	444.3	858.9	1321	526.0	30- 35	16729	68516
40.0	308.3	298.4	256.9	295.9	410.5	849.5	1554	468.7	35- 40	18591	87108
45.0	268.6	243.0	195.4	263.1	363.3	809.0	1737	420.0	40- 45	20314	107422
50.0	220.4	184.0	164.4	217.3	300.5	722.7	1805	353.9	45- 50	21177	128599
55.0	163.3	142.4	140.7	156.6	231.9	582.8	1757	278.6	50- 55	20767	149365
60.0	100.1	116.5	126.2	93.51	140.6	401.5	1225	203.3	55- 60	17871	167236
65.0	51.40	94.44	108.1	65.39	44.93	208.1	658.8	103.4	60- 65	11709	178945
70.0	33.84	67.19	85.21	50.14	31.62	54.83	279.8	41.04	65- 70	6156	185101
75.0	24.58	45.21	55.07	34.20	25.23	30.06	59.93	29.46	70- 75	3016	188117
80.0	18.75	30.50	33.97	21.14	14.96	21.47	29.22	20.45	75- 80	1756	189873
85.0	10.09	18.95	18.82	10.37	12.54	12.01	18.73	12.17	80- 85	1082	190955
90.0	3.841	8.568	8.195	4.380	4.571	7.456	8.038	8.666	85- 90	576.1	191531
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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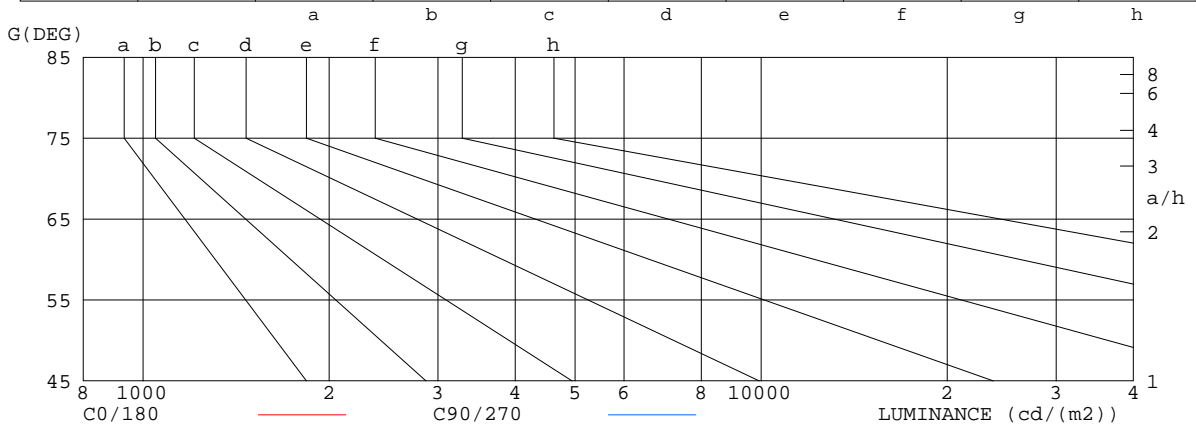
LUMINANCE LIMITATION CURVES

Report number:

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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	117054	215027
80	109108	194763
75	95969	211838
70	99969	248039
65	122889	254801
60	202456	251338
55	287687	244257
50	346444	254694
45	383865	275170

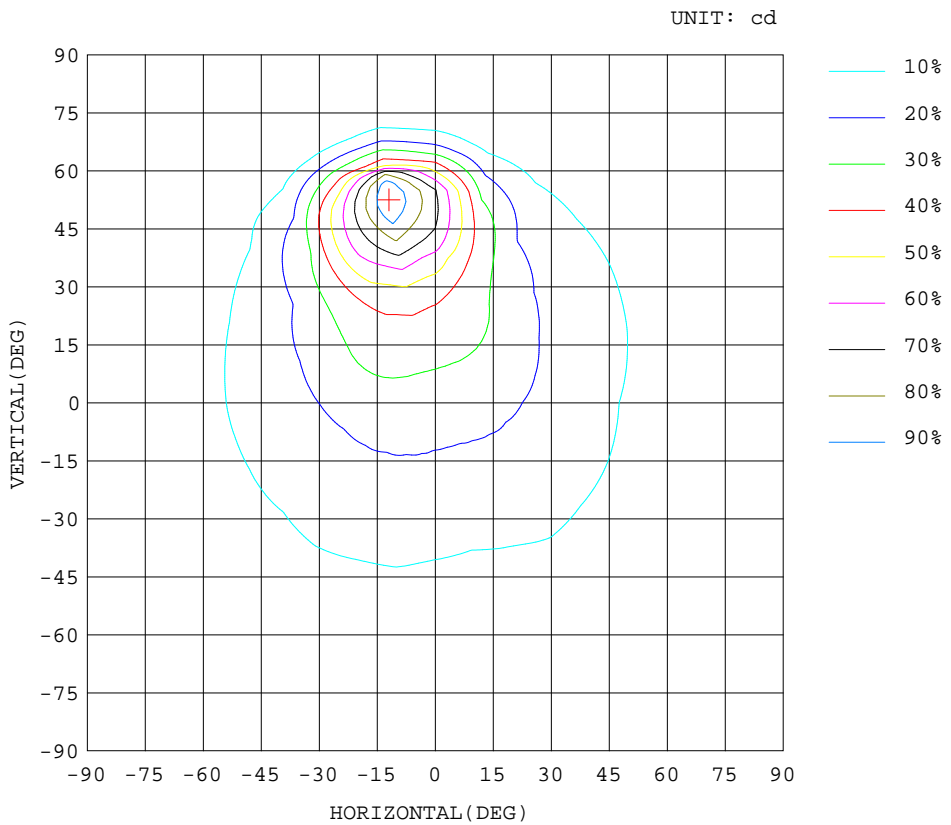
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