

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

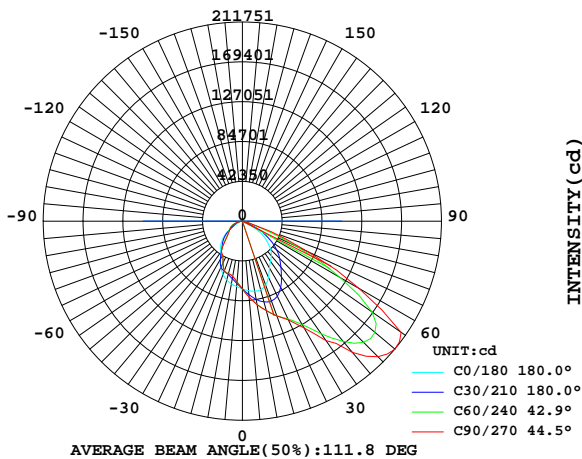
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

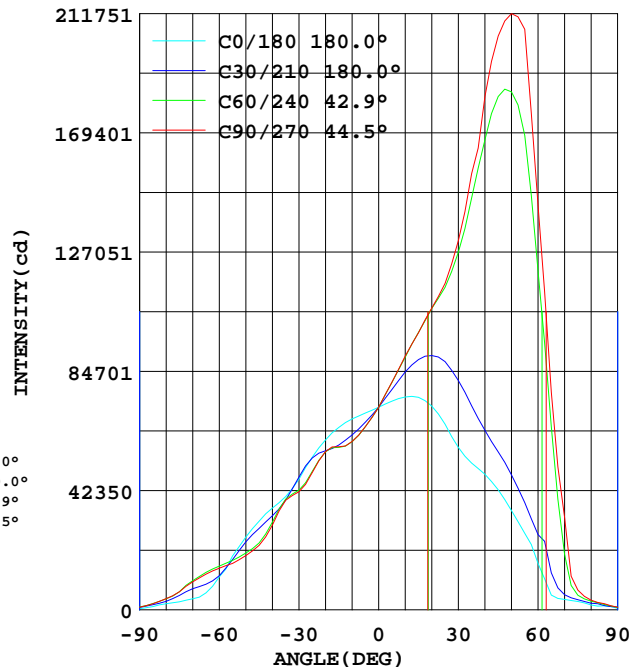
MANUFACTURER:	Address:	
NAME: LSHM-1500W-LV (50K)PLUS P50	TYPE:	WEIGHT:
SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	292761	S/MH(C0/180)	1.03
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.94
NOMINAL POWER(W)	1500	TOTAL FLUX(lm)	224654	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	150.6	Current(A)	7.120
NOMINAL FLUX(lm)	224654.0	η up(%)	0.0	Power(W)	1492
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.985
TEST VOLTAGE(V)	220.7	Effective Flux(lm)	0.0	EI	0.000

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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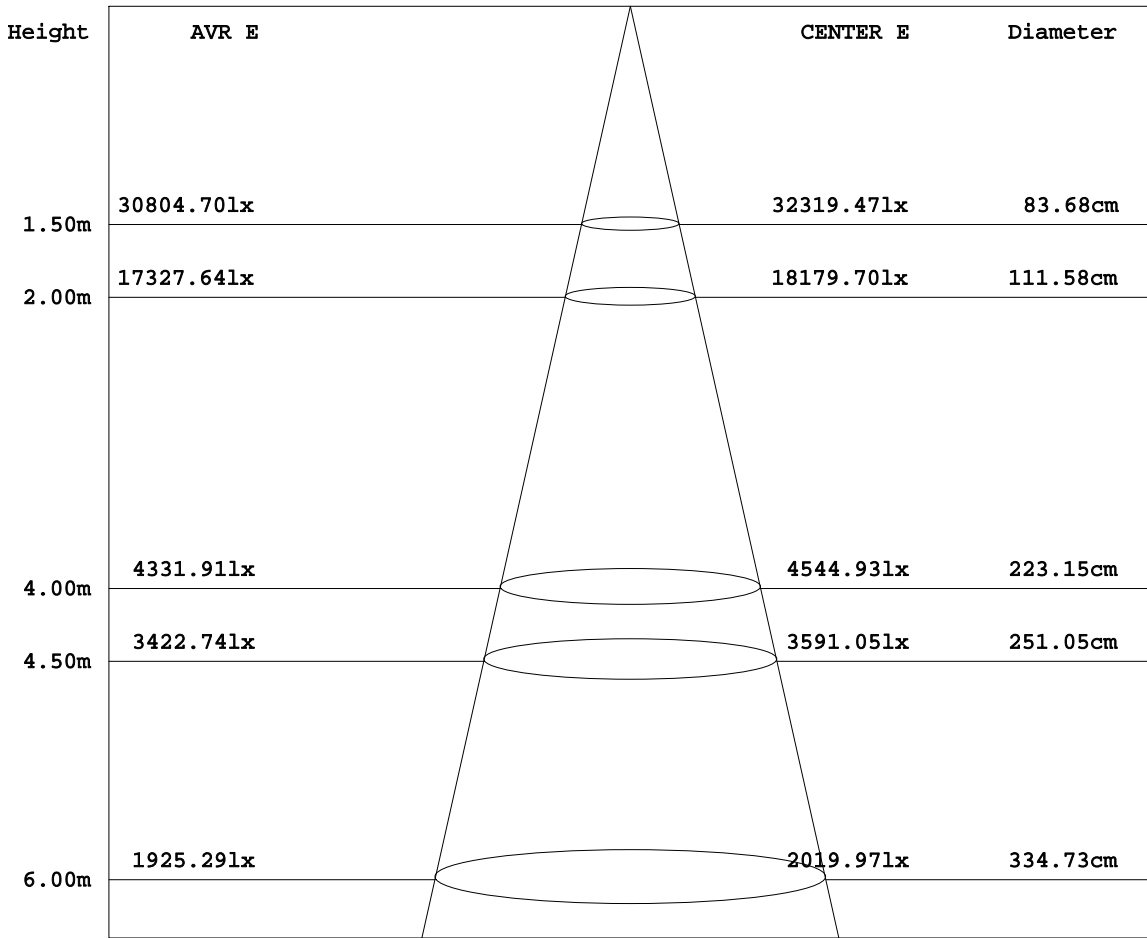
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SPECIFICATION:5000K P50	DIMENSION:	SERIAL No.:



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	699.1	656.0	650.8	680.9	741.3	797.7	808.7	764.2	0- 5	1728	1728
10.0	678.1	605.2	598.0	642.6	755.9	879.0	901.5	806.6	5- 10	5215	6942
15.0	647.9	576.4	579.2	603.9	754.9	947.1	984.1	833.7	10- 15	8745	15687
20.0	603.8	572.0	562.3	563.4	723.7	999.5	1072	828.1	15- 20	12224	27911
25.0	542.4	527.1	487.6	515.0	659.5	1022	1160	783.5	20- 25	15266	43177
30.0	464.3	446.2	419.7	450.3	577.1	1018	1311	705.9	25- 30	17567	60744
35.0	402.4	395.2	389.3	390.6	521.1	1007	1549	617.0	30- 35	19622	80365
40.0	361.6	350.1	301.3	347.1	481.5	996.4	1822	549.8	35- 40	21806	102172
45.0	315.1	285.0	229.2	308.7	426.1	948.9	2038	492.6	40- 45	23827	125999
50.0	258.5	215.9	192.8	254.9	352.5	847.6	2118	415.1	45- 50	24839	150838
55.0	191.5	167.0	165.0	183.7	272.0	683.6	2061	326.8	50- 55	24358	175196
60.0	117.5	136.6	148.0	109.6	165.0	470.9	1437	238.4	55- 60	20961	196157
65.0	60.29	110.7	126.8	76.70	52.70	244.1	772.8	121.3	60- 65	13734	209892
70.0	39.69	78.81	99.95	58.81	37.09	64.31	328.2	48.14	65- 70	7221	217112
75.0	28.83	53.03	64.59	40.12	29.60	35.27	70.30	34.56	70- 75	3538	220650
80.0	21.99	35.77	39.84	24.79	17.55	25.18	34.27	23.98	75- 80	2060	222710
85.0	11.84	22.23	22.08	12.17	14.71	14.08	21.98	14.27	80- 85	1269	223978
90.0	4.505	10.05	9.612	5.137	5.361	8.746	9.428	10.16	85- 90	675.8	224654
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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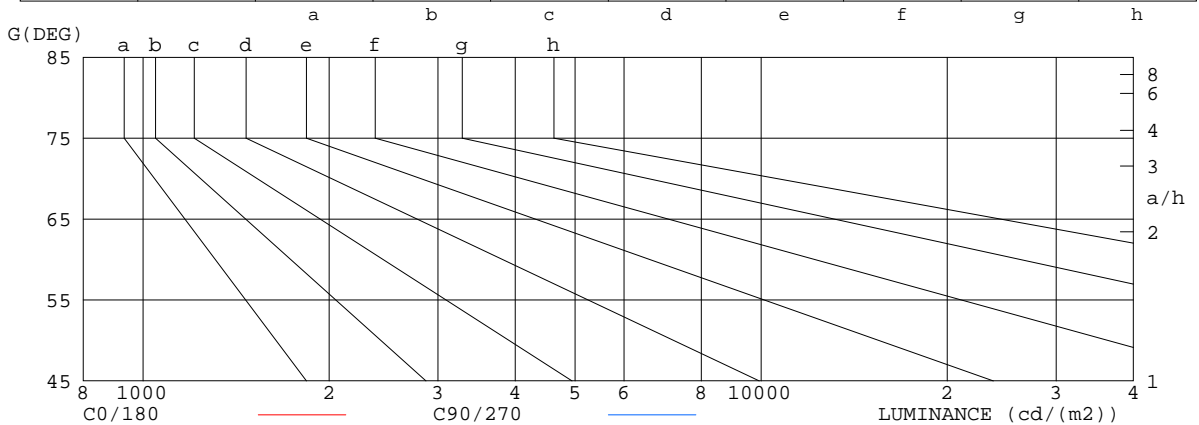
LUMINANCE LIMITATION CURVES

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	137297	252213
80	127977	228445
75	112566	248472
70	117257	290934
65	144141	298866
60	237469	294804
55	337439	286498
50	406358	298740
45	450250	322757

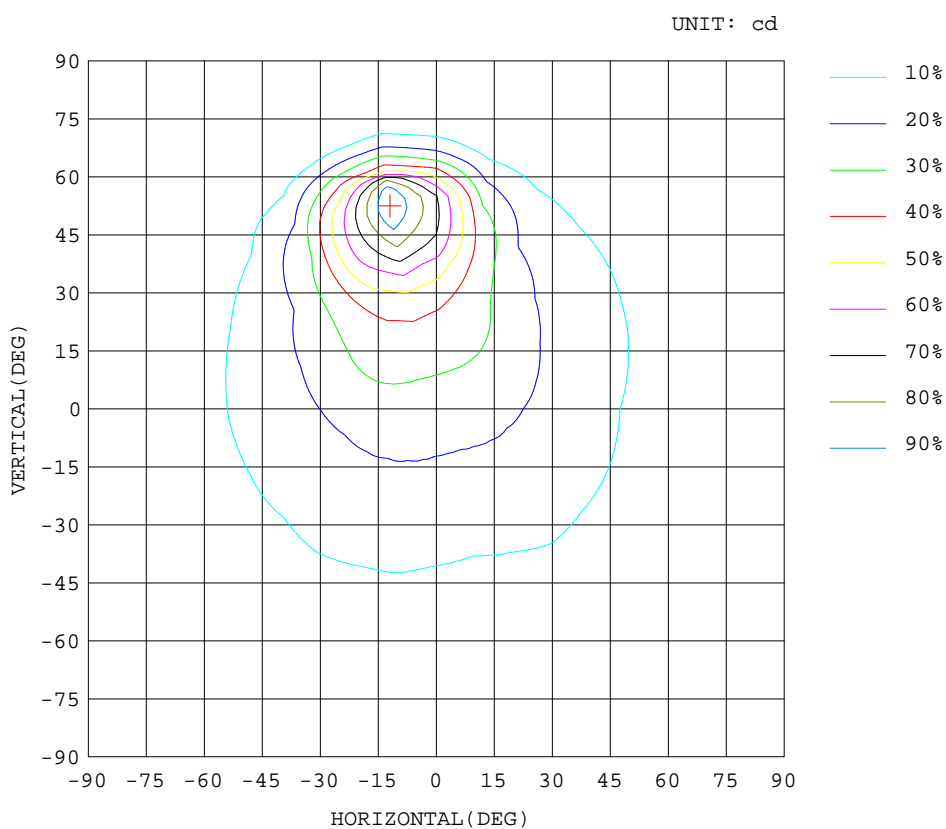
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