

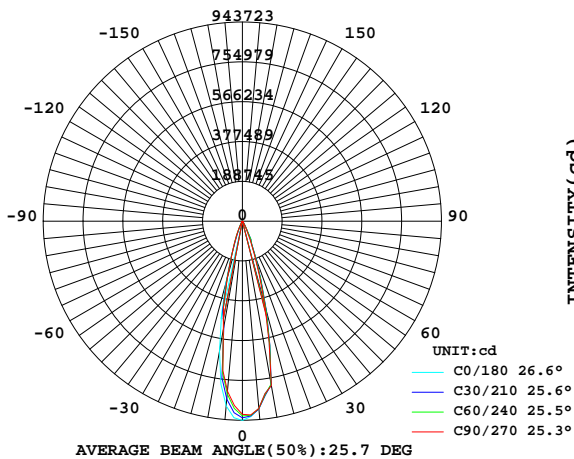
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

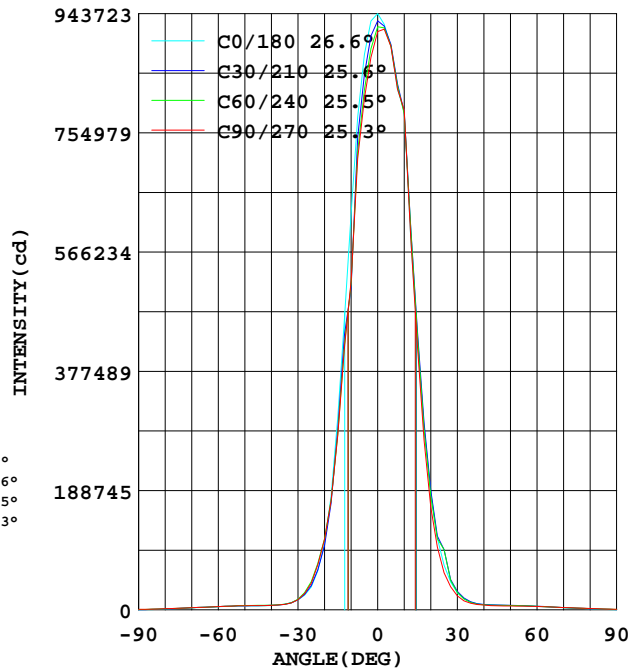
MANUFACTURER:	Address:	
NAME: LSHM-1500W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax(cd)	943723	S/MH(C0/180)	0.40
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.38
NOMINAL POWER(W)	1500	TOTAL FLUX(lm)	230074	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	154.2	Current(A)	6.989
NOMINAL FLUX(lm)	230074.0	η up(%)	0.0	Power(W)	1493
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.985
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	184336.3	EI	0.110

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:01-09-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)
Humidity:65.0%
Test Distance:6.000 m
Remarks:

Color Temperature Data List

Report number:

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Operators:
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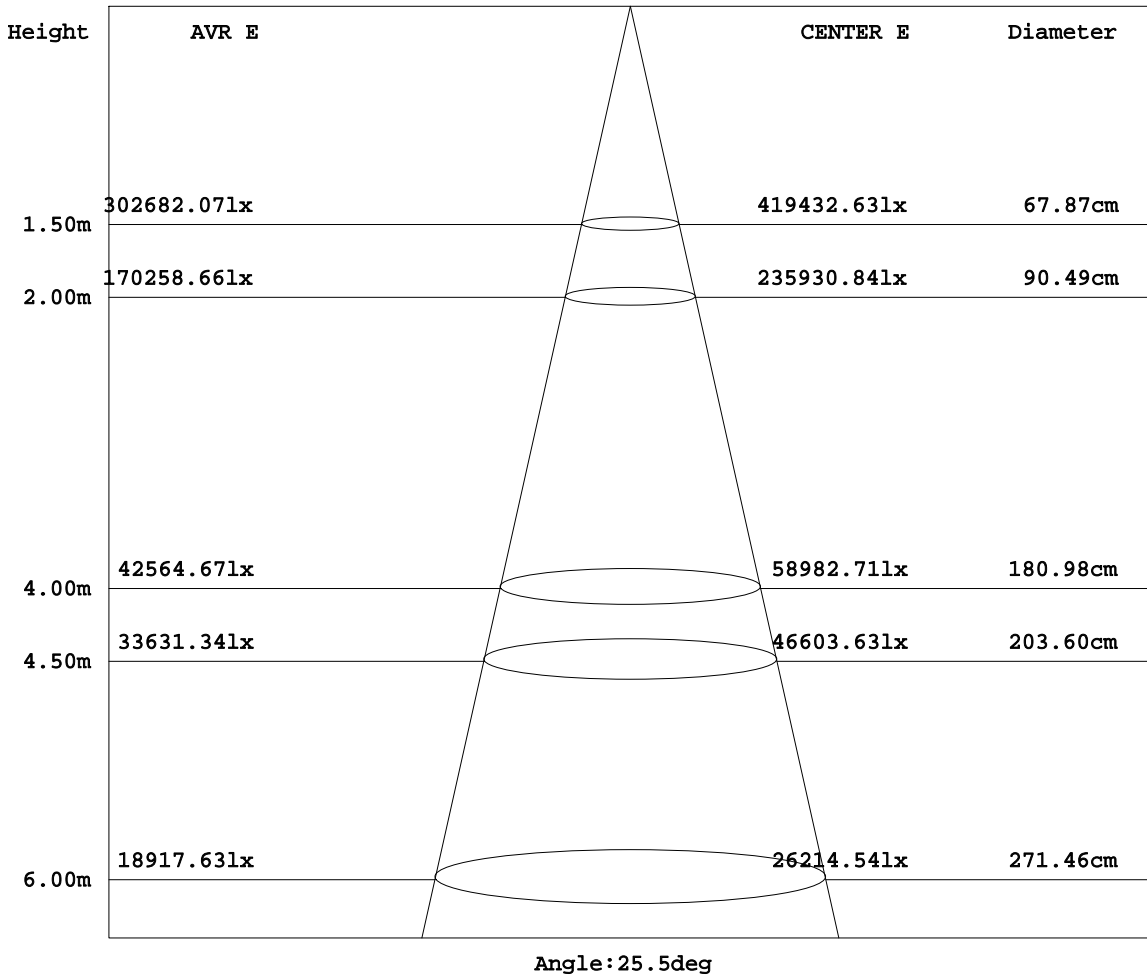
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Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

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NAME: LSHM-1500W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	8789	8322	8091	8130	8916	8947	8915	8932	0- 5	21271	21271
10.0	6265	5822	5205	5960	7898	7428	7909	7090	5- 10	54589	75860
15.0	3058	2802	2775	3257	4258	4434	4158	3990	10- 15	58504	134364
20.0	1051	1069	1118	1457	1854	1904	1625	1642	15- 20	39235	173599
25.0	364.1	422.4	422.6	637.5	706.6	778.8	587.2	636.2	20- 25	20133	193733
30.0	158.0	168.0	162.0	264.4	268.4	308.9	220.3	254.8	25- 30	9440	203172
35.0	90.82	88.48	88.58	125.5	124.1	130.6	104.9	119.9	30- 35	4557	207729
40.0	69.60	75.22	71.45	91.23	83.77	85.10	76.18	80.87	35- 40	3005	210734
45.0	62.85	71.73	66.37	83.09	72.22	78.22	63.80	71.69	40- 45	2739	213474
50.0	60.47	68.37	65.17	76.15	68.10	74.83	61.18	67.99	45- 50	2791	216264
55.0	56.12	62.21	59.67	66.11	63.48	68.18	59.16	62.41	50- 55	2816	219080
60.0	49.72	53.07	51.94	55.46	54.94	58.63	53.54	54.88	55- 60	2673	221753
65.0	40.95	43.53	42.60	44.85	45.20	49.16	45.87	46.24	60- 65	2385	224138
70.0	32.00	34.38	34.07	35.21	35.11	38.72	37.19	36.51	65- 70	2001	226139
75.0	22.38	24.84	26.02	25.67	24.87	28.29	29.14	27.37	70- 75	1580	227719
80.0	13.44	16.10	18.46	16.92	16.12	20.30	21.90	20.07	75- 80	1165	228884
85.0	4.274	9.216	12.07	9.840	8.498	13.08	14.47	12.81	80- 85	772.0	229656
90.0	2.289	4.824	8.126	4.988	2.283	5.722	8.403	5.556	85- 90	417.9	230074
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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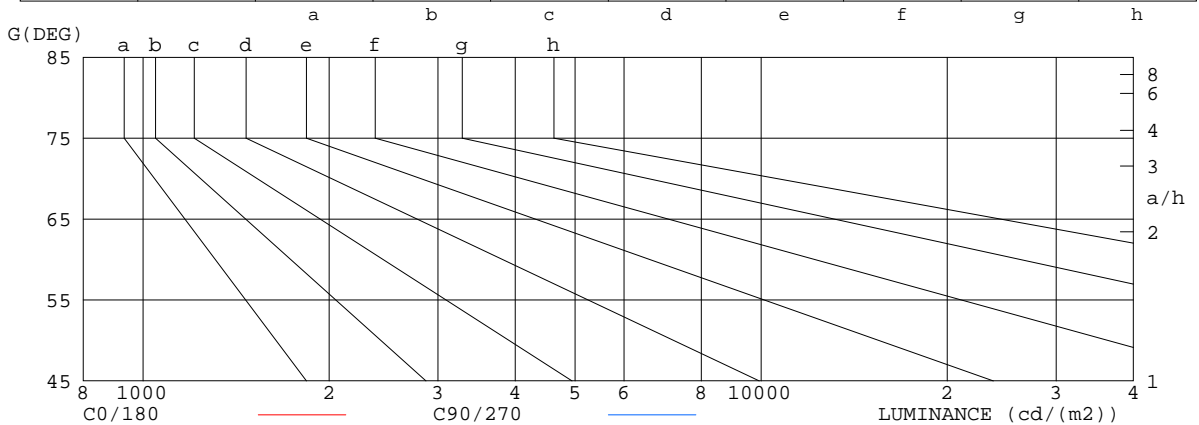
LUMINANCE LIMITATION CURVES

Report number:

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SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

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	49046	138595
80	77422	106337
75	86491	100561
70	93576	99628
65	96908	100814
60	99455	103893
55	97855	104041
50	94081	101394
45	88893	93865

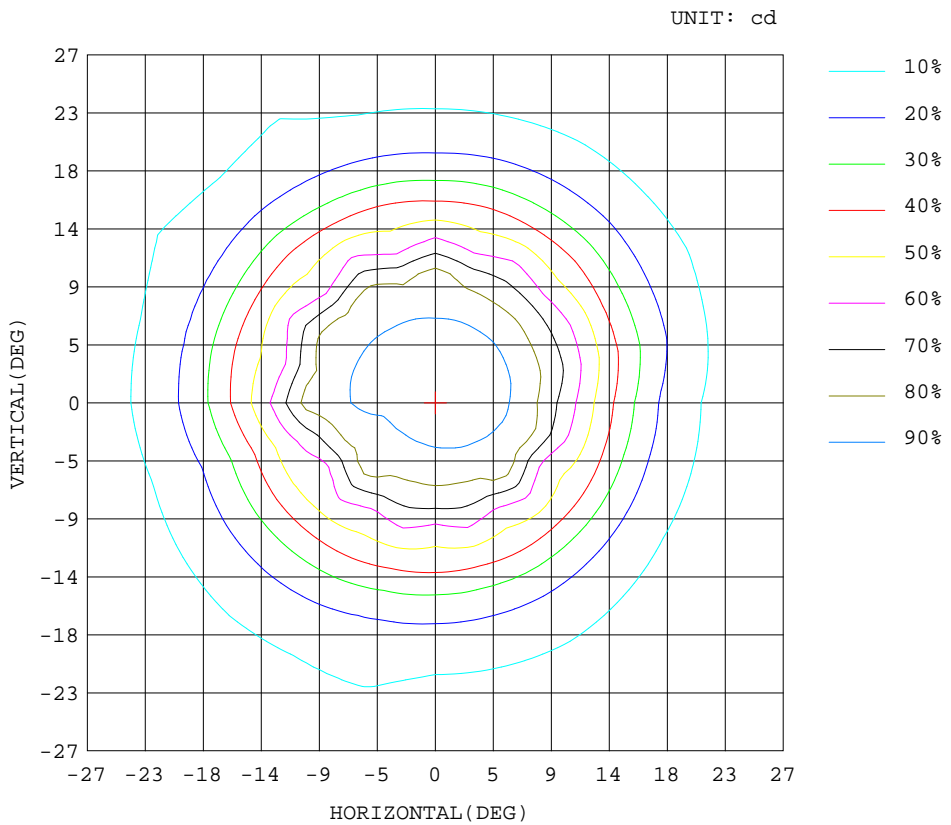
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ISOCANDELA DIAGRAM

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