

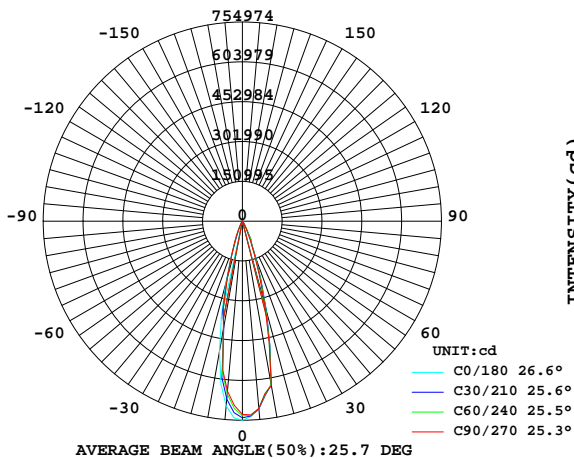
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

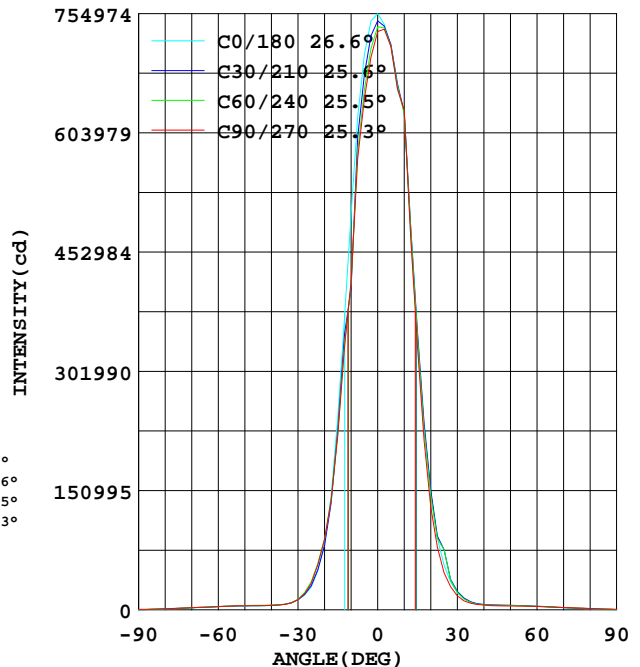
MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS 20	TYPE:	WEIGHT:	
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	754974	S/MH(C0/180)	0.40
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.38
NOMINAL POWER(W)	1200	TOTAL FLUX(lm)	184058	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	154.4	Current(A)	5.593
NOMINAL FLUX(lm)	184058.0	η up(%)	0.0	Power(W)	1192
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.992
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	147468.1	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

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Operators:
Test Date:01-09-2020

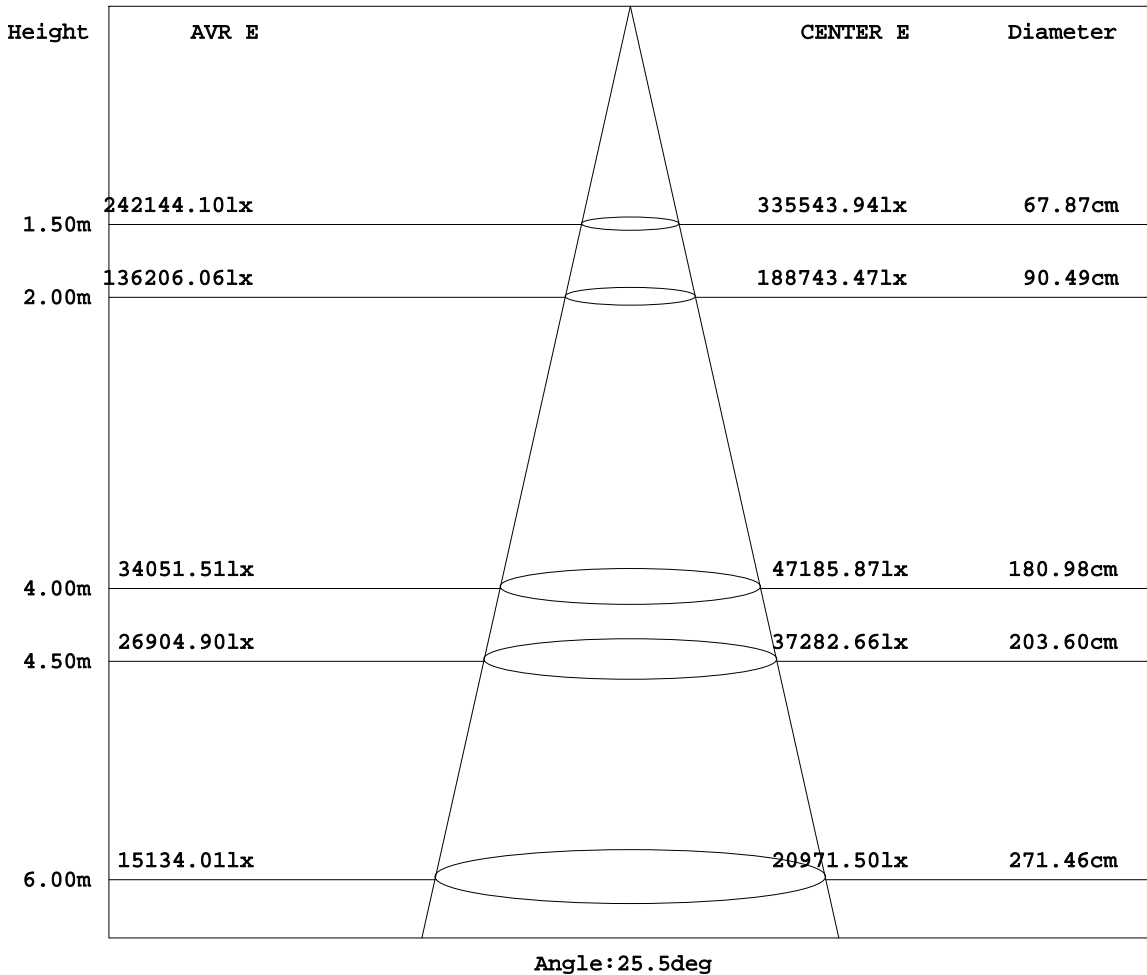
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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

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ZONAL FLUX DIAGRAM

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SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	7031	6657	6473	6504	7133	7158	7132	7145	0- 5	17017	17017
10.0	5012	4657	4164	4768	6318	5943	6327	5672	5- 10	43671	60688
15.0	2446	2242	2220	2605	3406	3547	3326	3192	10- 15	46803	107490
20.0	841.0	854.9	894.7	1165	1483	1523	1300	1313	15- 20	31388	138879
25.0	291.3	337.9	338.1	509.9	565.3	623.0	469.8	508.9	20- 25	16107	154985
30.0	126.4	134.4	129.6	211.5	214.7	247.1	176.2	203.8	25- 30	7552	162537
35.0	72.66	70.78	70.86	100.4	99.32	104.5	83.93	95.94	30- 35	3645	166182
40.0	55.68	60.18	57.16	72.98	67.02	68.08	60.94	64.69	35- 40	2404	168586
45.0	50.28	57.38	53.09	66.47	57.77	62.57	51.04	57.35	40- 45	2191	170778
50.0	48.37	54.70	52.13	60.92	54.48	59.86	48.94	54.39	45- 50	2233	173010
55.0	44.90	49.77	47.74	52.88	50.78	54.54	47.33	49.92	50- 55	2253	175263
60.0	39.78	42.45	41.55	44.37	43.95	46.90	42.83	43.90	55- 60	2139	177401
65.0	32.76	34.82	34.08	35.88	36.16	39.32	36.70	36.99	60- 65	1908	179309
70.0	25.60	27.50	27.25	28.17	28.09	30.97	29.75	29.21	65- 70	1601	180910
75.0	17.90	19.87	20.82	20.53	19.89	22.63	23.31	21.90	70- 75	1264	182174
80.0	10.75	12.88	14.77	13.54	12.90	16.24	17.52	16.06	75- 80	932.0	183106
85.0	3.419	7.373	9.663	7.872	6.799	10.46	11.57	10.25	80- 85	617.6	183724
90.0	1.831	3.859	6.501	3.990	1.827	4.577	6.722	4.445	85- 90	334.3	184058
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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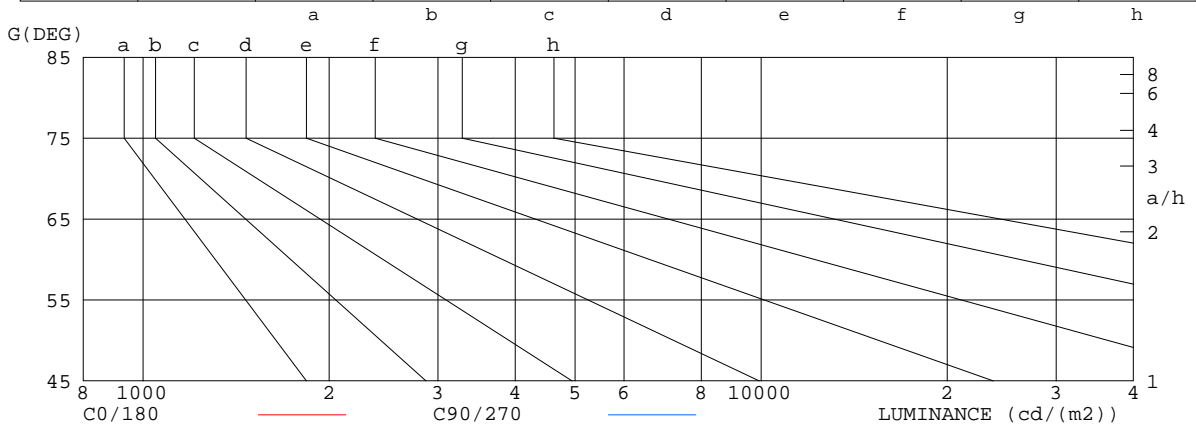
LUMINANCE LIMITATION CURVES

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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	39236	110875
80	61938	85069
75	69192	80448
70	74860	79702
65	77526	80651
60	79563	83114
55	78284	83232
50	75264	81115
45	71114	75091

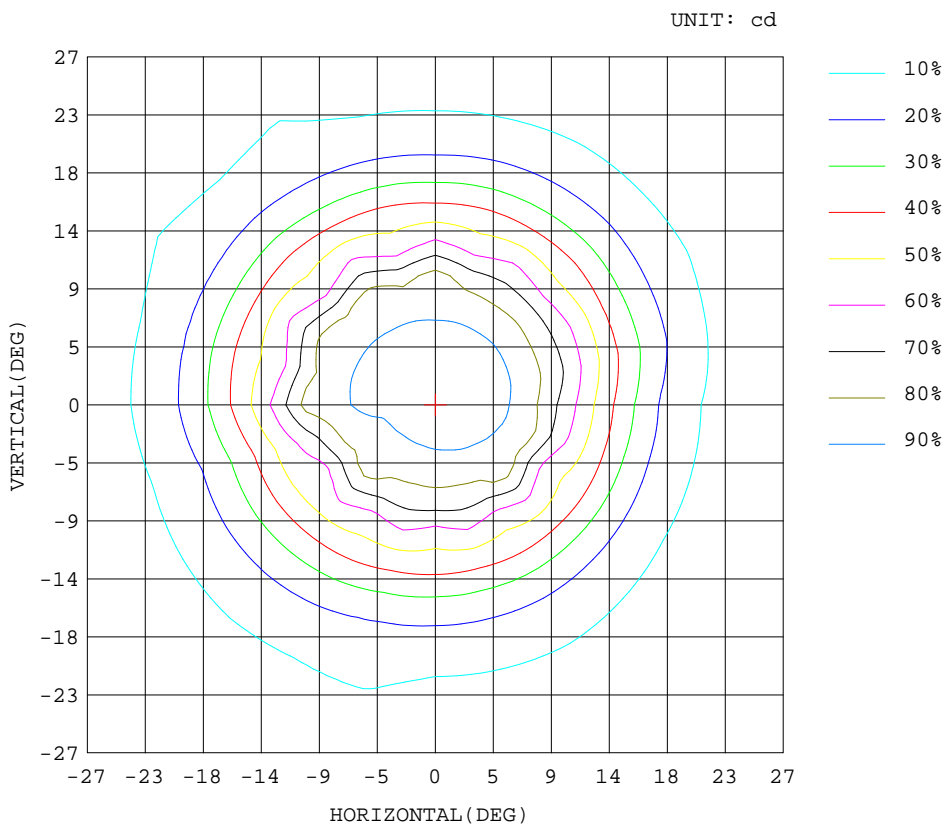
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ISOCANDELA DIAGRAM

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