

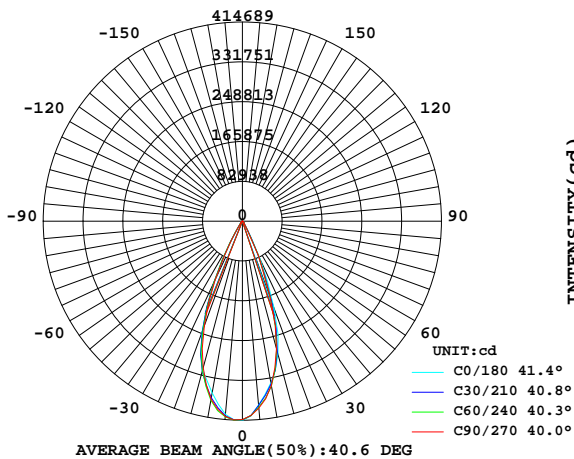
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

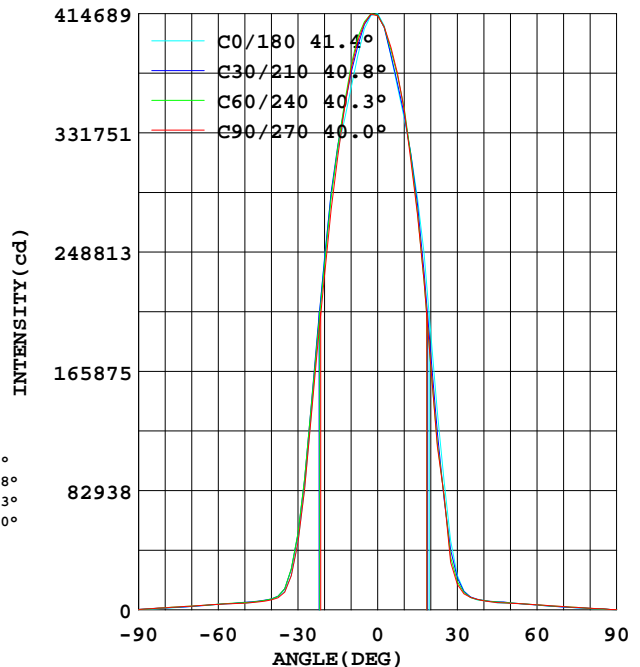
MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS 40	TYPE:	WEIGHT:	
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	414926	S/MH(C0/180)	0.66
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.66
NOMINAL POWER(W)	1200	TOTAL FLUX(lm)	191085	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	160.2	Current(A)	5.602
NOMINAL FLUX(lm)	191086.0	η up(%)	0.8	Power(W)	1193
LAMPS QUANTITY	1	η down(%)	99.2	Power Factor(PF)	0.989
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	165090.1	EI	0.098

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-31-2020

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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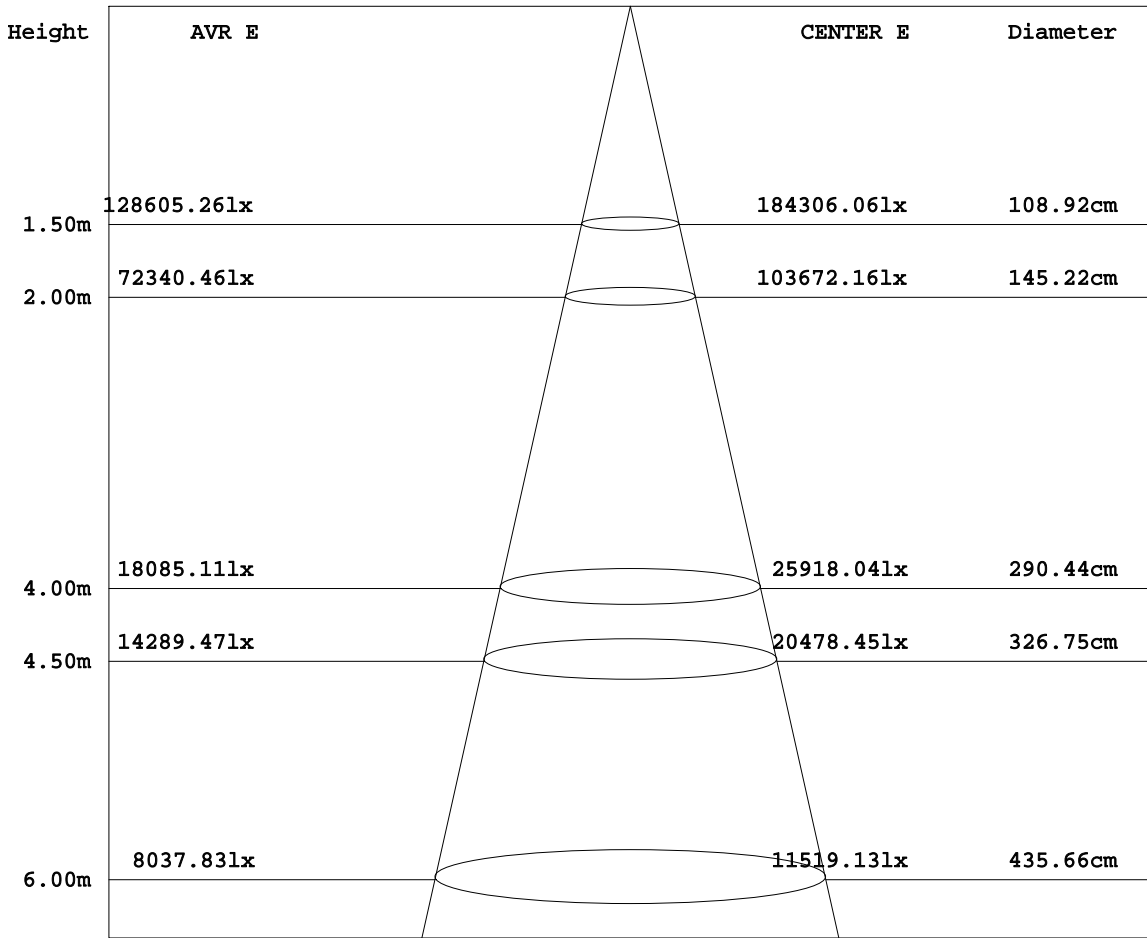
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Humidity:65.0%
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Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-LV (50K)PLUS 40	TYPE:	WEIGHT:
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:



Angle:39.9deg

Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:03-31-2020

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

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS 40	TYPE:	WEIGHT:	
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:	

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	one	total
5.0	4041	4042	4080	3989	3851	3964	3911	4041	0- 5	9720	9720
10.0	3630	3673	3762	3591	3419	3579	3476	3690	5- 10	27162	36882
15.0	3203	3056	3156	2885	2863	2975	2747	3044	10- 15	39184	76066
20.0	2456	2220	2326	1981	1920	2017	1695	2065	15- 20	41936	118002
25.0	1362	1187	1345	985.7	896.4	974.3	796.4	1045	20- 25	32197	150199
30.0	469.9	396.6	468.8	321.0	239.4	292.1	176.9	299.3	25- 30	16541	166741
35.0	128.5	122.7	123.0	115.0	85.16	105.6	85.79	125.1	30- 35	5844	172584
40.0	74.14	72.51	69.75	73.32	63.39	71.39	62.62	83.52	35- 40	2900	175485
45.0	58.19	59.78	54.99	62.15	48.42	60.10	50.58	65.74	40- 45	2360	177844
50.0	46.67	51.80	46.71	55.13	44.76	52.60	46.17	56.10	45- 50	2159	180003
55.0	44.47	44.49	43.38	44.91	41.60	42.76	41.69	47.23	50- 55	2037	182040
60.0	39.44	36.86	38.75	36.39	34.57	35.88	35.42	38.69	55- 60	1865	183905
65.0	32.29	29.46	32.70	29.46	27.44	29.09	28.74	30.80	60- 65	1617	185522
70.0	24.85	23.73	26.57	23.64	20.64	23.14	22.54	25.29	65- 70	1340	186861
75.0	17.53	19.21	20.72	19.10	13.94	18.49	17.20	20.53	70- 75	1078	187939
80.0	11.42	14.47	14.06	13.71	8.772	13.61	11.47	15.20	75- 80	815.8	188755
85.0	6.295	7.761	8.295	7.098	4.263	7.479	7.171	8.453	80- 85	523.1	189278
90.0	2.943	2.568	3.275	2.235	1.580	2.834	1.431	2.857	85- 90	251.8	189530
95.0	1.609	1.320	1.961	1.269	1.289	0.853	0.337	0.986	90- 95	89.34	189620
100.0	1.344	1.062	1.750	1.035	0.972	0.617	0.461	0.619	95-100	54.45	189674
105.0	0.977	0.956	1.676	0.919	0.706	0.611	1.159	0.746	100-105	48.39	189723
110.0	0.694	0.851	1.612	0.827	0.590	0.489	0.989	0.487	105-110	44.54	189767
115.0	0.617	0.772	1.505	0.770	0.579	0.855	0.726	0.698	110-115	38.04	189805
120.0	0.622	0.746	1.790	0.773	0.672	0.979	1.012	1.027	115-120	38.77	189844
125.0	0.764	0.885	1.407	0.946	0.927	1.073	1.453	1.139	120-125	43.66	189888
130.0	1.139	1.300	1.661	1.410	1.514	1.510	2.053	1.462	125-130	54.33	189942
135.0	1.889	2.102	2.318	2.228	2.473	2.320	2.859	2.151	130-135	75.06	190017
140.0	2.963	3.185	3.137	3.333	3.643	3.510	3.877	3.216	135-140	102.6	190120
145.0	4.216	4.575	4.193	4.739	5.067	4.802	5.246	4.453	140-145	132.0	190252
150.0	5.733	6.026	5.618	6.153	6.499	6.187	6.605	5.839	145-150	157.9	190410
155.0	7.128	7.214	6.952	7.331	7.709	7.361	7.713	7.029	150-155	168.4	190578
160.0	8.196	8.188	8.075	8.248	8.649	8.248	8.631	7.922	155-160	162.9	190741
165.0	9.023	8.955	8.864	8.887	9.404	8.991	9.328	8.657	160-165	141.8	190883
170.0	9.678	9.528	9.409	9.305	10.07	9.573	9.862	9.222	165-170	109.5	190992
175.0	10.25	9.956	9.880	9.611	10.51	9.949	10.14	9.579	170-175	69.28	191062
180.0	10.53	10.14	10.11	9.738	10.60	10.09	9.720	9.720	175-180	23.72	191085
DEG	LUMINOUS INTENSITY:×100cd								UNIT:lm		

Test System:HOPOO HPG1800
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Operators:
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Test Distance:6.000 m
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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

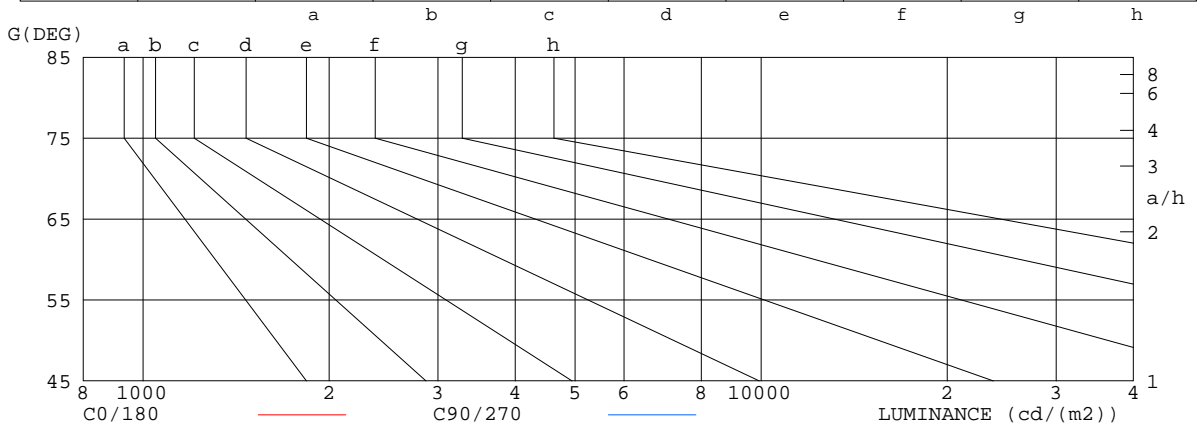
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
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SPECIFICATION:5000K 40	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	72236	95185
80	65774	81023
75	67763	80094
70	72673	77706
65	76428	77381
60	78895	77504
55	77532	75631
50	72610	72669
45	82303	77772

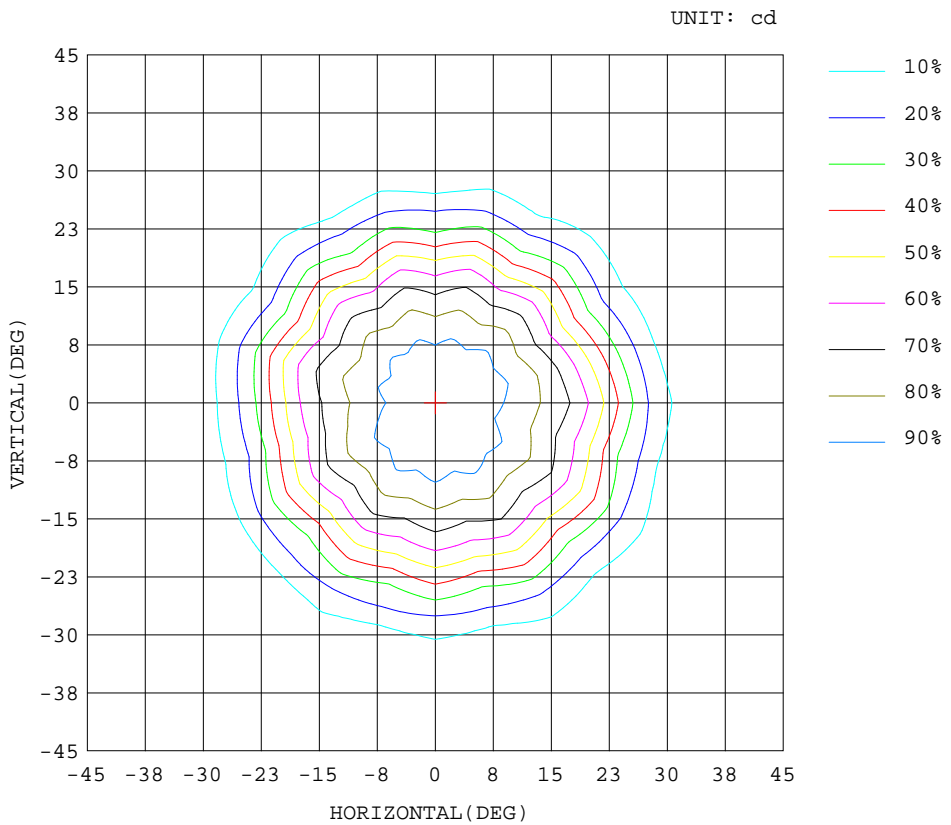
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ISOCANDELA DIAGRAM

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