

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

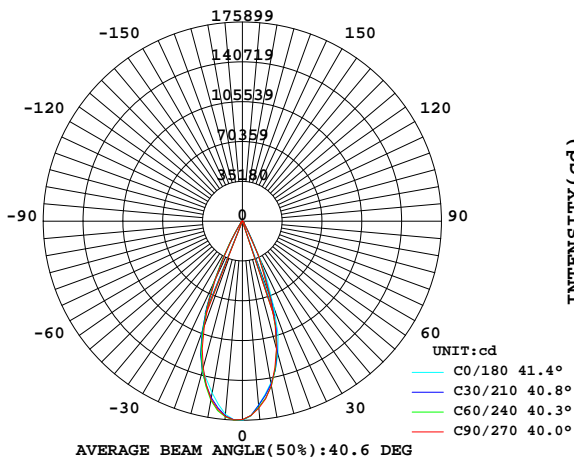
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

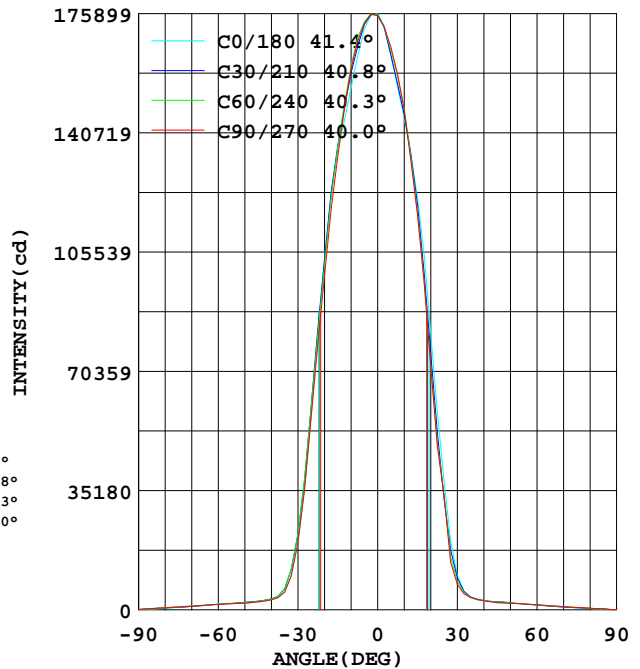
MANUFACTURER:	Address:		
NAME: LSHM-480W-LV (50K)PLUS 40	TYPE:	WEIGHT:	
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	175999	S/MH(C0/180)	0.66
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.66
NOMINAL POWER(W)	480	TOTAL FLUX(lm)	81053	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	169.5	Current(A)	2.238
NOMINAL FLUX(lm)	81053.0	η up(%)	0.8	Power(W)	478.2
LAMPS QUANTITY	1	η down(%)	99.2	Power Factor(PF)	0.987
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	70026.3	EI	0.093

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

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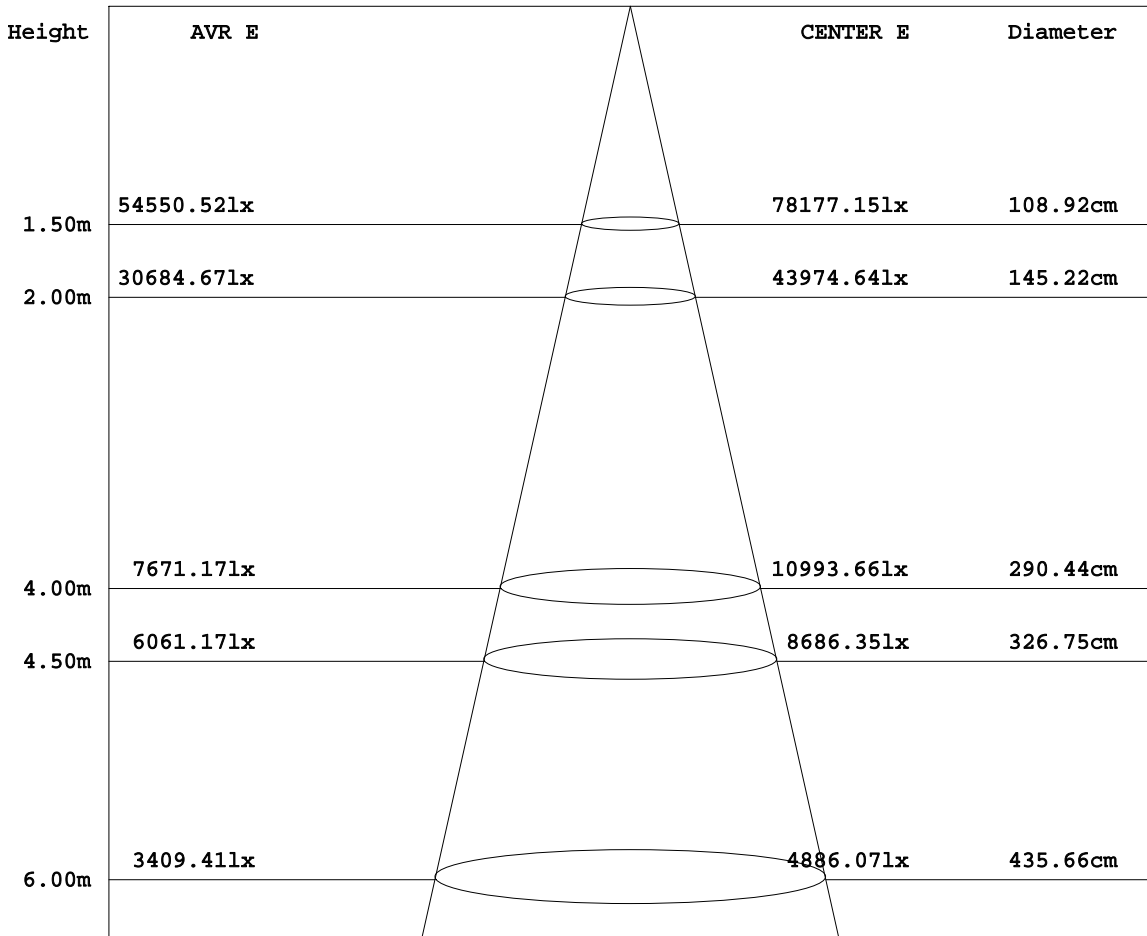
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MANUFACTURER:	Address:	
NAME: LSHM-480W-LV (50K)PLUS 40	TYPE:	WEIGHT:
SPECIFICATION:5000K 40	DIMENSION:	SERIAL No.:



Angle:39.9deg

Test System:HOPOO HPG1800
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 Operators:
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-480W-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	1714	1715	1731	1692	1633	1681	1659	1714	0- 5	4123	4123
10.0	1540	1558	1596	1523	1450	1518	1474	1565	5- 10	11521	15644
15.0	1358	1296	1339	1224	1214	1262	1165	1291	10- 15	16621	32265
20.0	1042	941.5	986.6	840.2	814.5	855.6	718.9	875.7	15- 20	17788	50053
25.0	577.7	503.3	570.6	418.1	380.2	413.2	337.8	443.2	20- 25	13657	63710
30.0	199.3	168.2	198.8	136.1	101.5	123.9	75.06	126.9	25- 30	7016	70726
35.0	54.54	52.07	52.21	48.81	36.12	44.81	36.39	53.08	30- 35	2479	73205
40.0	31.44	30.75	29.58	31.10	26.88	30.28	26.56	35.42	35- 40	1230	74435
45.0	24.68	25.35	23.32	26.36	20.54	25.49	21.45	27.88	40- 45	1001	75436
50.0	19.79	21.97	19.81	23.38	18.98	22.31	19.58	23.79	45- 50	915.7	76352
55.0	18.86	18.87	18.40	19.05	17.64	18.13	17.68	20.03	50- 55	863.8	77216
60.0	16.73	15.63	16.43	15.43	14.66	15.22	15.02	16.41	55- 60	791.1	78007
65.0	13.70	12.49	13.87	12.49	11.64	12.34	12.19	13.06	60- 65	685.6	78693
70.0	10.54	10.06	11.27	10.02	8.757	9.819	9.563	10.72	65- 70	568.3	79261
75.0	7.439	8.149	8.792	8.104	5.916	7.847	7.298	8.711	70- 75	457.3	79718
80.0	4.844	6.140	5.967	5.817	3.720	5.774	4.866	6.449	75- 80	346.0	80064
85.0	2.670	3.292	3.518	3.010	1.808	3.172	3.042	3.585	80- 85	221.9	80286
90.0	1.248	1.089	1.389	0.948	0.670	1.202	0.607	1.212	85- 90	106.8	80393
95.0	0.683	0.560	0.832	0.539	0.547	0.362	0.143	0.418	90- 95	37.89	80431
100.0	0.570	0.451	0.742	0.439	0.412	0.262	0.196	0.262	95-100	23.09	80454
105.0	0.414	0.405	0.711	0.390	0.299	0.259	0.492	0.316	100-105	20.52	80475
110.0	0.294	0.361	0.684	0.351	0.250	0.207	0.420	0.207	105-110	18.89	80494
115.0	0.262	0.327	0.639	0.327	0.246	0.362	0.308	0.296	110-115	16.13	80510
120.0	0.264	0.316	0.759	0.328	0.285	0.415	0.429	0.436	115-120	16.44	80526
125.0	0.324	0.375	0.597	0.401	0.393	0.455	0.616	0.483	120-125	18.52	80545
130.0	0.483	0.552	0.705	0.598	0.642	0.641	0.871	0.620	125-130	23.04	80568
135.0	0.802	0.892	0.983	0.945	1.049	0.984	1.212	0.913	130-135	31.84	80600
140.0	1.256	1.351	1.331	1.414	1.545	1.488	1.644	1.364	135-140	43.55	80643
145.0	1.788	1.941	1.778	2.010	2.149	2.037	2.225	1.889	140-145	55.99	80699
150.0	2.432	2.556	2.383	2.610	2.756	2.624	2.801	2.476	145-150	66.99	80766
155.0	3.023	3.060	2.949	3.109	3.270	3.122	3.272	2.981	150-155	71.43	80838
160.0	3.476	3.473	3.425	3.498	3.668	3.498	3.661	3.360	155-160	69.10	80907
165.0	3.827	3.798	3.759	3.769	3.989	3.813	3.956	3.672	160-165	60.17	80967
170.0	4.105	4.041	3.991	3.946	4.271	4.060	4.183	3.911	165-170	46.47	81013
175.0	4.351	4.223	4.191	4.076	4.458	4.220	4.304	4.063	170-175	29.38	81043
180.0	4.467	4.301	4.289	4.130	4.499	4.284	4.326	4.123	175-180	10.06	81053
DEG	LUMINOUS INTENSITY:×100cd								UNIT:lm		

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Temperature:25.3DEG
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Remarks:

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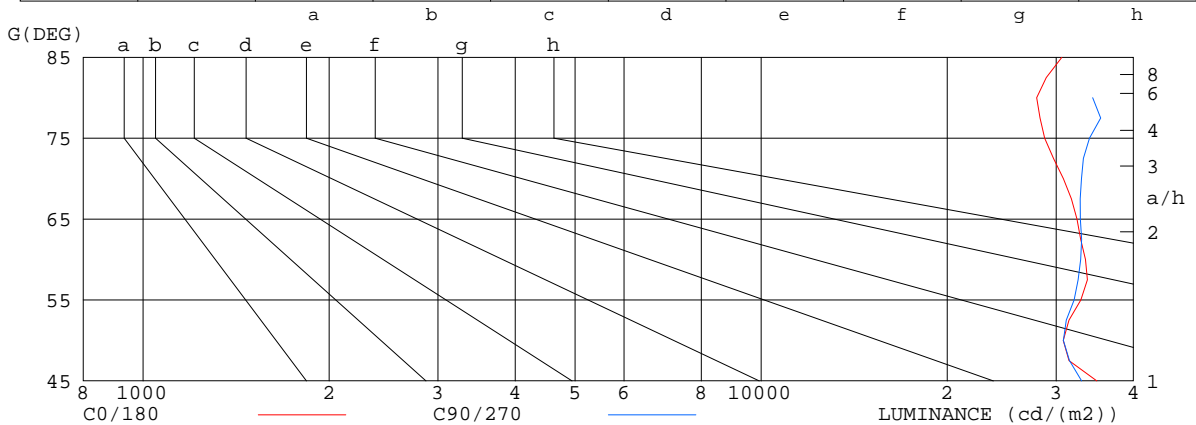
LUMINANCE LIMITATION CURVES

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	30641	40375
80	27900	34368
75	28743	33973
70	30826	32960
65	32419	32823
60	33465	32875
55	32887	32080
50	30799	30824
45	34910	32989

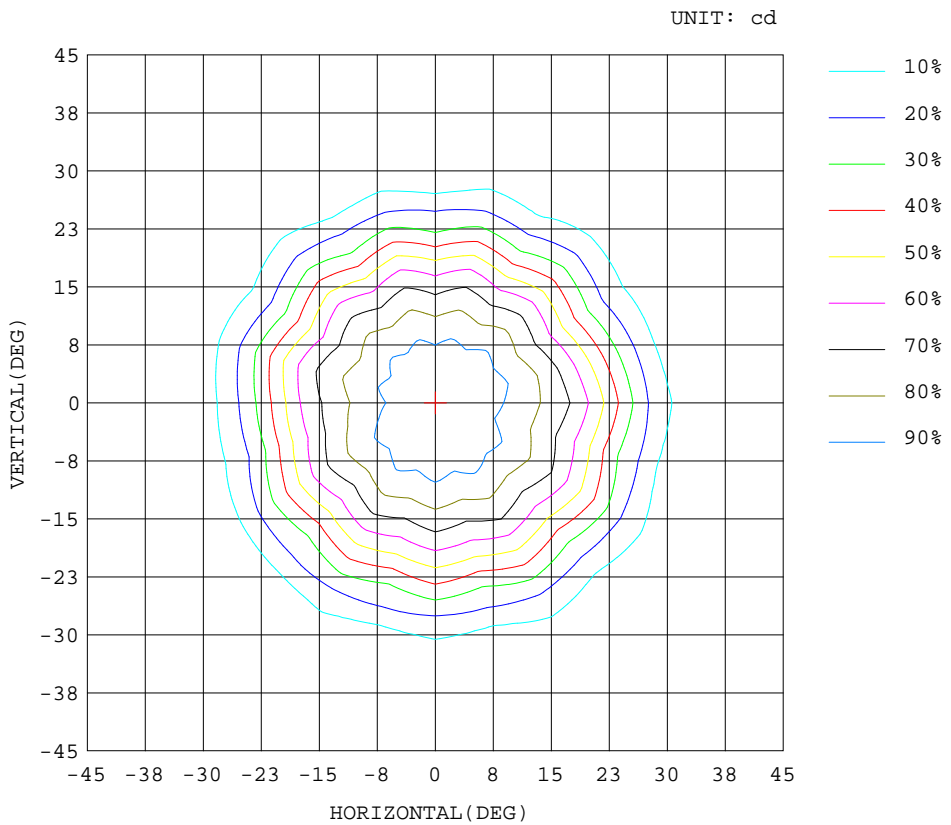
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ISOCANDELA DIAGRAM

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