

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

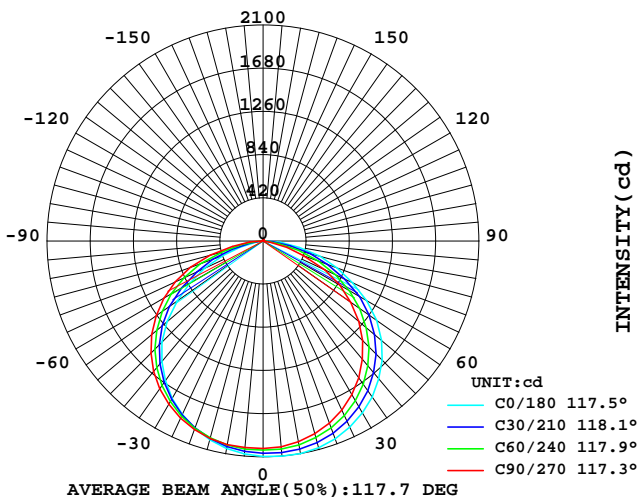
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

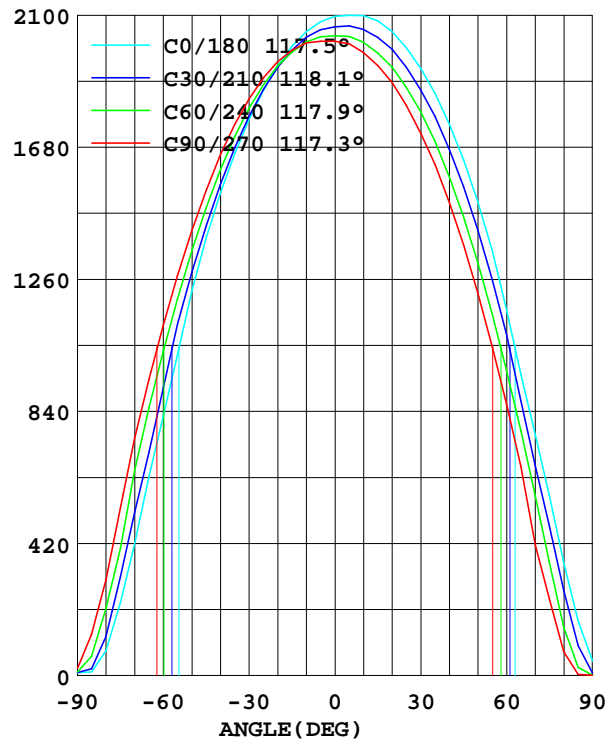
MANUFACTURER:	Address:		
NAME: 50W-6500K	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

DATA OF LAMP		I _{max} (cd)	2100	S/MH(C0/180)	1.26
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.35
NOMINAL POWER(W)	52	TOTAL FLUX(lm)	6200.5	Voltage(V)	229.6
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	120.8	Current(A)	0.225
NOMINAL FLUX(lm)	6200.6	η up(%)	0.8	Power(W)	51.34
LAMPS QUANTITY	1	η down(%)	99.2	Power Factor(PF)	0.991
TEST VOLTAGE(V)	229.7	Effective Flux(lm)	6075.0	EEI	0.115

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2026年03月18日

Test Set: 5.0deg/s C-Gamma (TYPE C)
 Humidity:65.0%
 Test Distance:9.150 m
 Remarks:

Color Temperature Data List

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Test System:HOPOO HPG1800
Temperature:25.3DEG
Operators:
Test Date:2026年03月18日

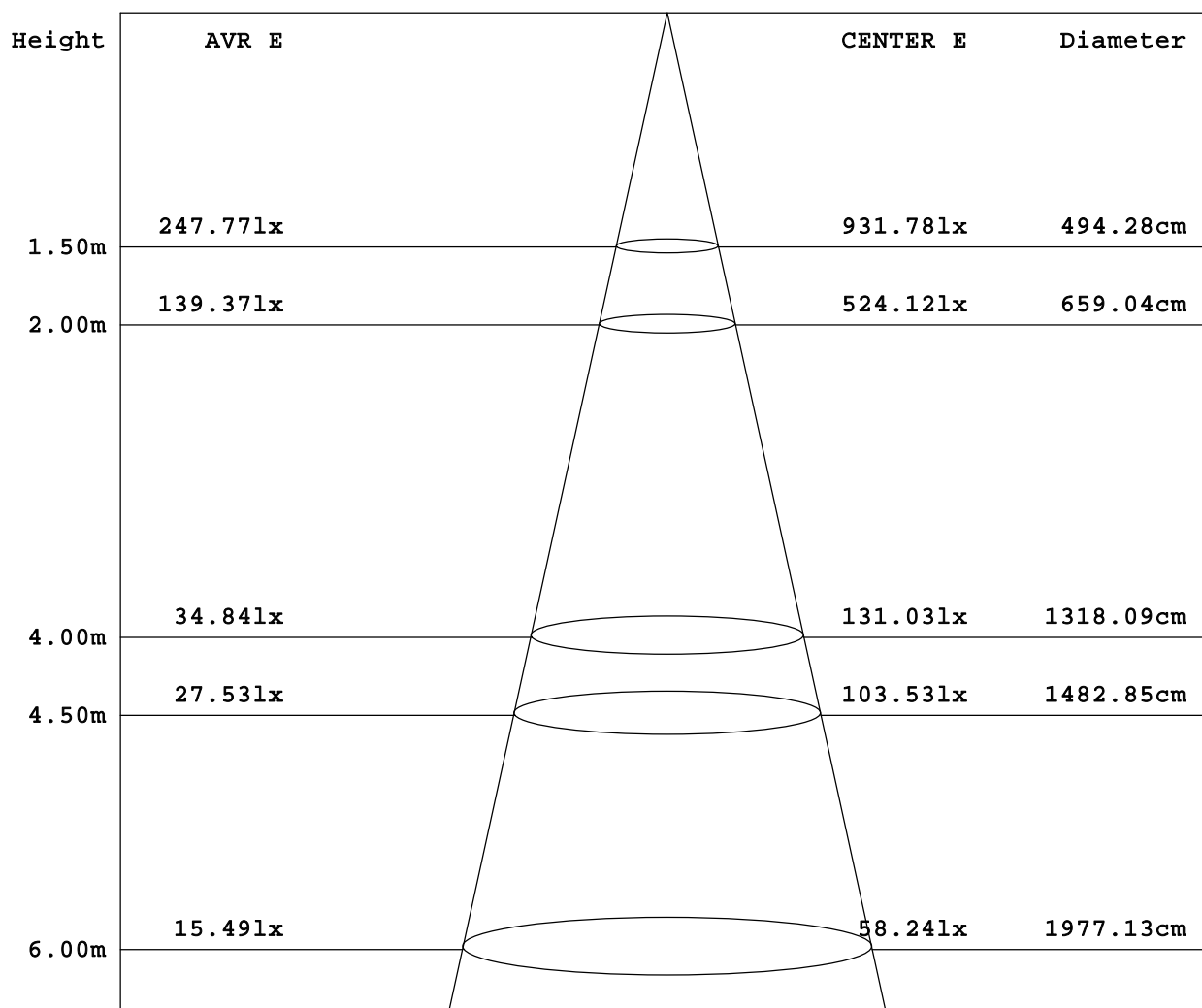
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: 50W-6500K	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:117.5deg

Test System:HOPOO HPG1800
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 Operators:
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 50W-6500K	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	2047	2018	2012	2013	2098	2036	1981	1963	0- 10	193.1	193.1
20.0	1938	1928	1952	1968	2048	1969	1886	1855	10- 20	559.4	752.6
30.0	1769	1779	1834	1862	1931	1834	1725	1683	20- 30	863.3	1616
40.0	1533	1569	1655	1696	1752	1640	1502	1451	30- 40	1065	2681
50.0	1222	1297	1414	1467	1505	1383	1215	1158	40- 50	1132	3813
60.0	826.0	960.6	1114	1172	1164	1050	864.1	772.0	50- 60	1038	4851
70.0	416.7	541.2	752.4	794.5	766.0	643.0	415.3	366.3	60- 70	783.1	5634
80.0	78.53	139.8	305.0	402.5	359.0	223.7	75.43	35.41	70- 80	414.2	6048
90.0	9.795	2.260	22.77	51.48	46.13	11.30	1.925	8.707	80- 90	103.1	6152
100.0	8.455	2.762	8.707	2.344	2.679	8.288	2.762	7.786	90-100	10.30	6162
110.0	8.539	3.934	8.121	3.265	3.600	7.953	3.934	8.037	100-110	5.992	6168
120.0	9.125	5.358	8.455	4.521	4.855	8.288	5.274	8.623	110-120	6.304	6174
130.0	9.795	6.697	8.958	5.776	6.111	8.874	6.446	9.209	120-130	6.514	6181
140.0	10.21	7.618	9.544	6.865	7.283	9.460	7.451	9.628	130-140	6.269	6187
150.0	10.54	8.455	9.962	7.869	8.372	9.795	8.204	9.962	140-150	5.518	6192
160.0	10.80	9.042	10.29	8.623	9.293	10.21	8.790	10.21	150-160	4.327	6197
170.0	10.96	9.544	10.54	9.293	10.04	10.46	9.376	10.46	160-170	2.776	6200
180.0	10.80	10.04	10.63	9.879	10.88	10.63	9.879	10.38	170-180	0.966	6201
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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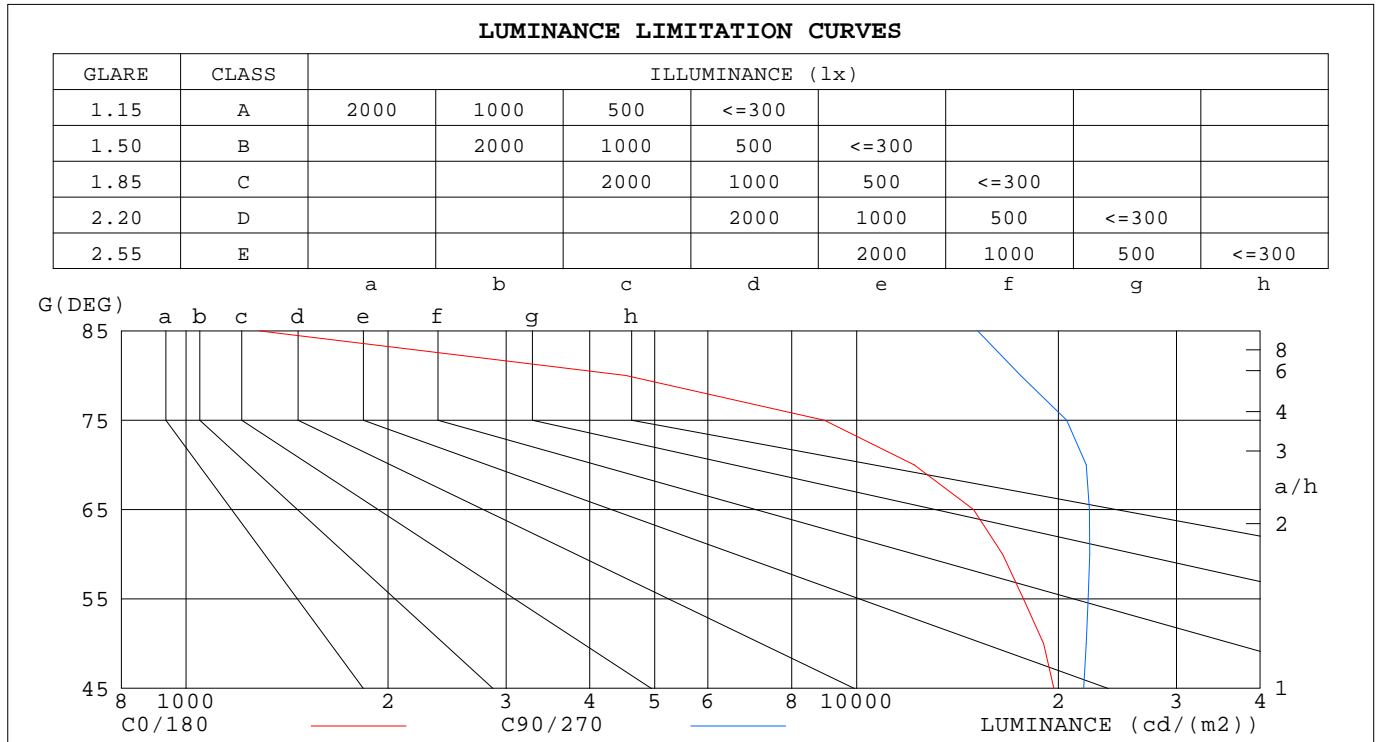
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LUMINANCE LIMITATION CURVES

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LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	1287	15158
80	4522	17569
75	8951	20570
70	12186	21999
65	14937	22257
60	16520	22279
55	17747	22161
50	19015	22004
45	19688	21813

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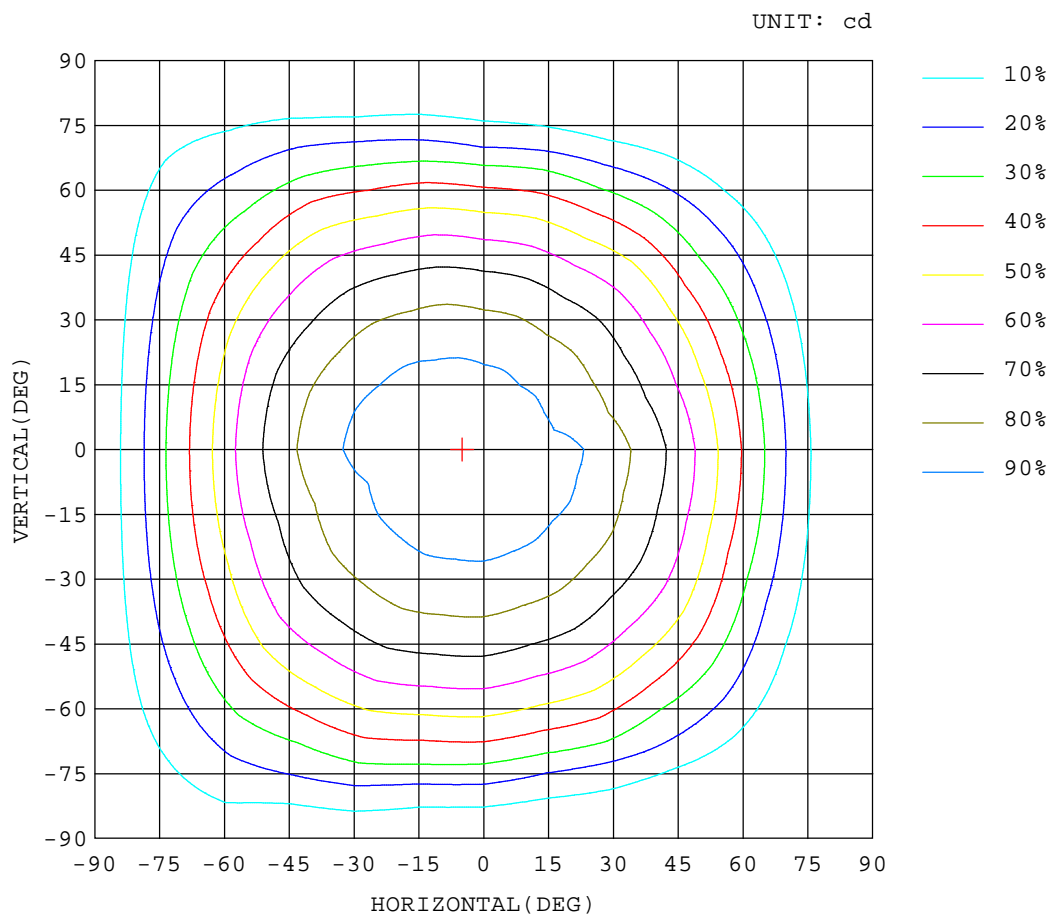
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ISOCANDELA DIAGRAM

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