

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

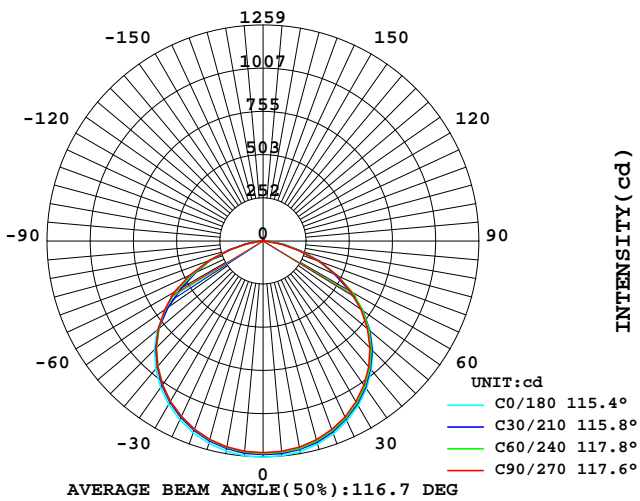
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

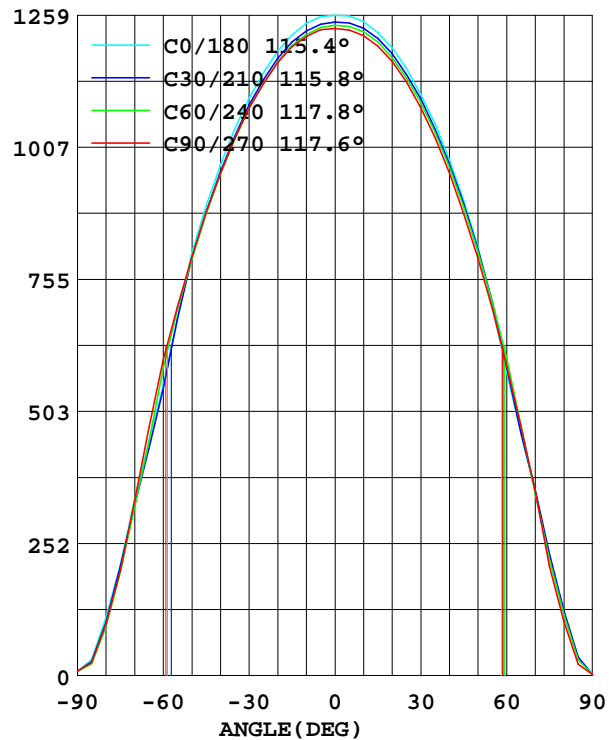
MANUFACTURER:	Address:		
NAME: 20W-6500K	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

DATA OF LAMP		I _{max} (cd)	1259	S/MH(C0/180)	1.30
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.30
NOMINAL POWER(W)	30	TOTAL FLUX(lm)	3687.7	Voltage(V)	229.8
RATED VOLTAGE(V)	230	EFFICIENCY(lm/W)	122.6	Current(A)	0.132
NOMINAL FLUX(lm)	3687.7	η up(%)	0.9	Power(W)	30.07
LAMPS QUANTITY	1	η down(%)	99.1	Power Factor(PF)	0.986
TEST VOLTAGE(V)	229.9	Effective Flux(lm)	3611.0	EEL	0.113

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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SPECIFICATION:	DIMENSION:	SERIAL No.:

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

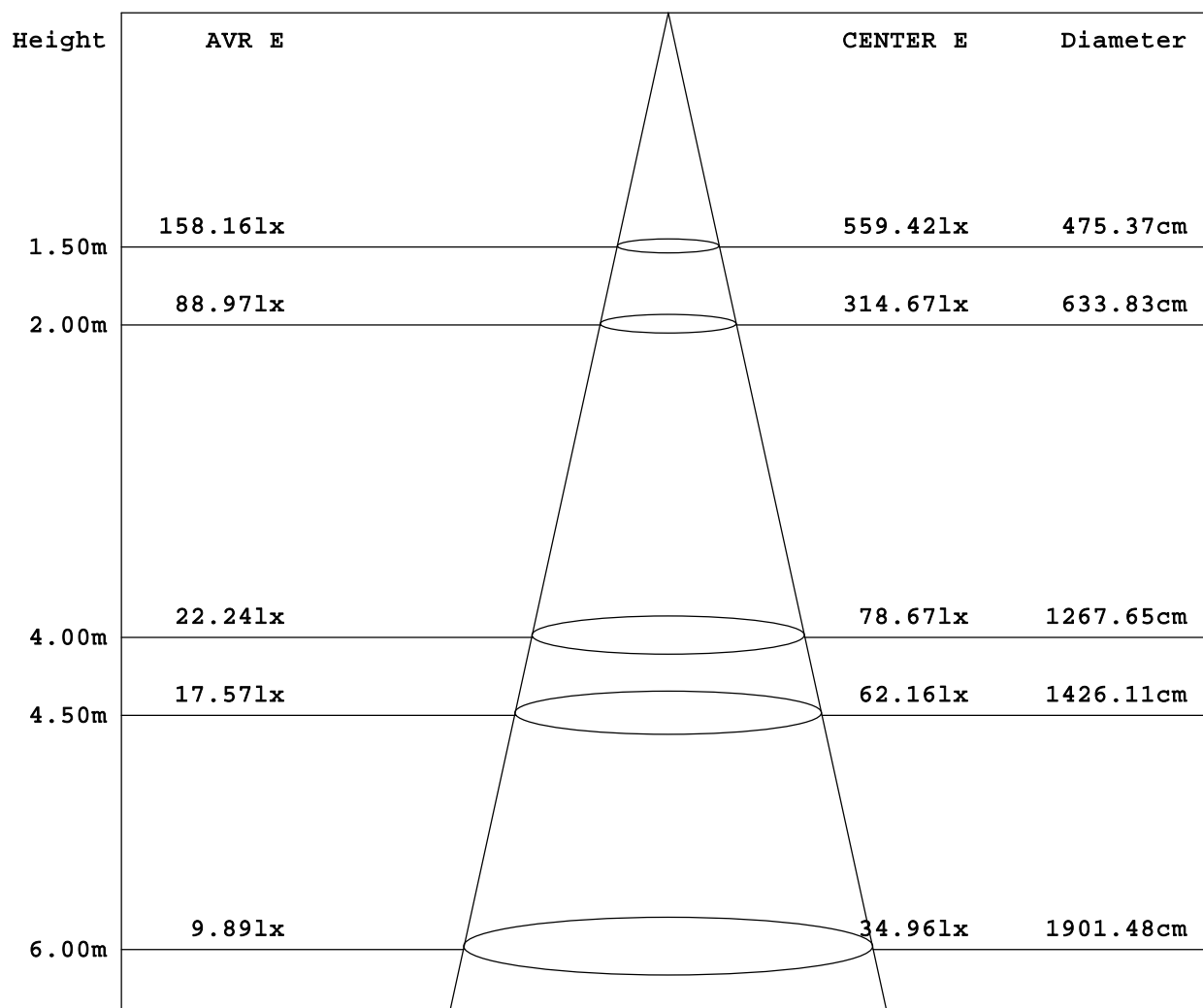
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Test Distance:9.150 m
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: 20W-6500K	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:115.5deg

Test System:HOPOO HPG1800
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 Operators:
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: 20W-6500K	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
10.0	1243	1224	1218	1213	1247	1232	1220	1219	0- 10	117.5	117.5
20.0	1190	1166	1168	1160	1197	1186	1170	1172	10- 20	339.8	457.3
30.0	1100	1073	1082	1071	1108	1103	1083	1089	20- 30	522.9	980.2
40.0	972.3	943.8	956.1	941.8	982.9	983.9	957.7	967.9	30- 40	643.4	1624
50.0	805.7	776.6	797.2	778.9	816.8	828.1	795.2	809.7	40- 50	682.5	2306
60.0	552.2	538.9	602.2	550.4	579.8	621.1	592.0	600.6	50- 60	621.9	2928
70.0	335.0	301.6	331.7	310.6	350.1	372.3	351.2	356.9	60- 70	453.6	3382
80.0	110.5	77.35	98.79	84.47	116.6	133.2	104.0	119.5	70- 80	229.1	3611
90.0	8.037	1.423	8.707	1.507	2.009	8.790	1.841	8.372	80- 90	45.28	3656
100.0	6.614	1.674	6.781	1.590	1.925	6.614	1.590	6.446	90-100	4.878	3661
110.0	6.362	2.511	6.279	2.427	2.511	6.028	2.260	6.028	100-110	4.379	3666
120.0	6.530	3.348	6.362	3.348	3.432	6.195	3.097	6.111	110-120	4.461	3670
130.0	6.697	4.186	6.530	4.018	4.186	6.362	3.934	6.362	120-130	4.488	3675
140.0	6.948	4.772	6.697	4.688	4.939	6.614	4.604	6.530	130-140	4.236	3679
150.0	7.116	5.274	6.781	5.190	5.525	6.781	5.107	6.697	140-150	3.674	3682
160.0	7.200	5.693	6.948	5.609	6.028	6.948	5.609	6.865	150-160	2.850	3685
170.0	7.200	6.028	6.948	5.944	6.530	7.032	6.028	6.948	160-170	1.812	3687
180.0	7.116	6.362	6.948	6.279	7.116	6.948	6.279	6.865	170-180	0.626	3688
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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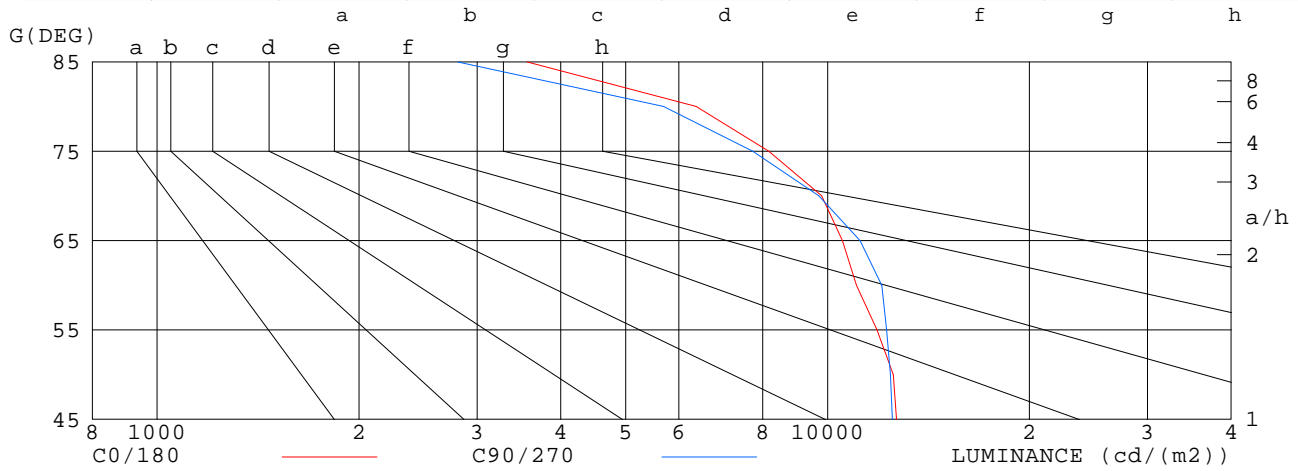
LUMINANCE LIMITATION CURVES

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



G (DEG)	LUMINANCE cd/(m2)	
	C0/180	C90/270
85	3564	2805
80	6364	5689
75	8171	7734
70	9796	9699
65	10525	11173
60	11045	12044
55	11855	12245
50	12535	12404
45	12665	12485

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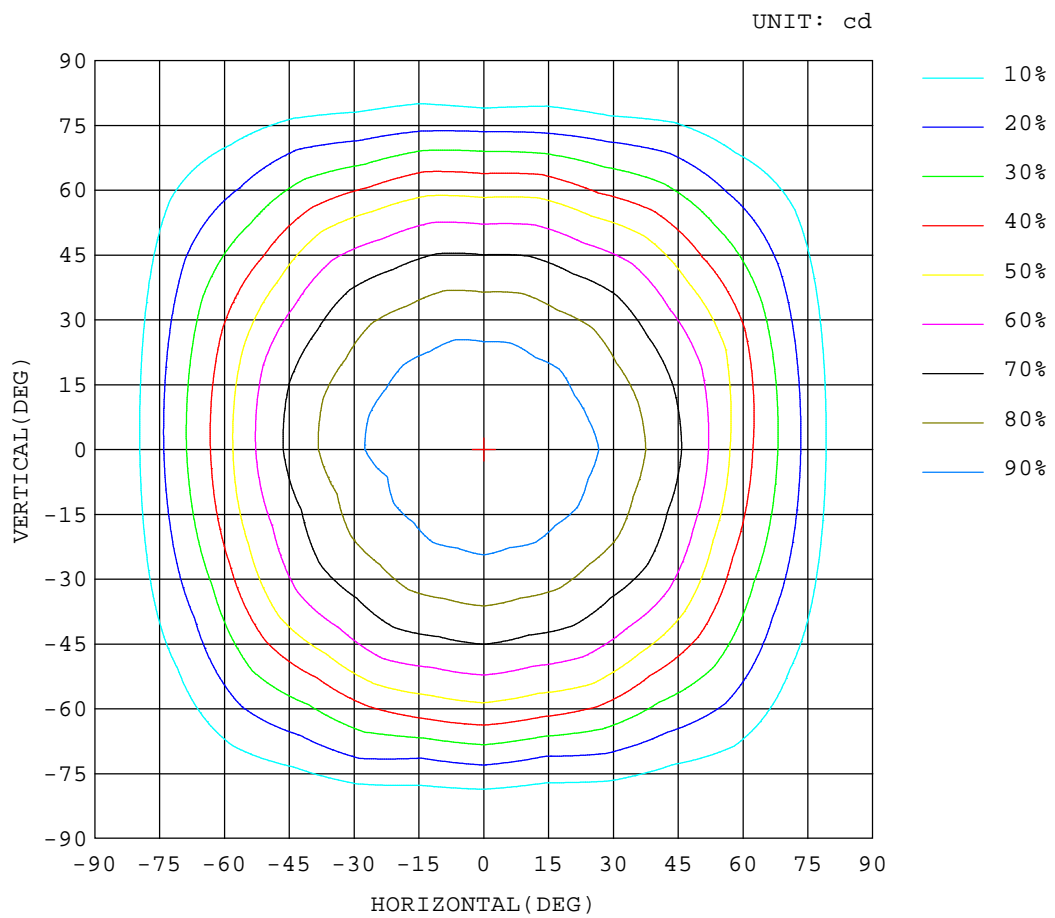
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ISOCANDELA DIAGRAM

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