

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

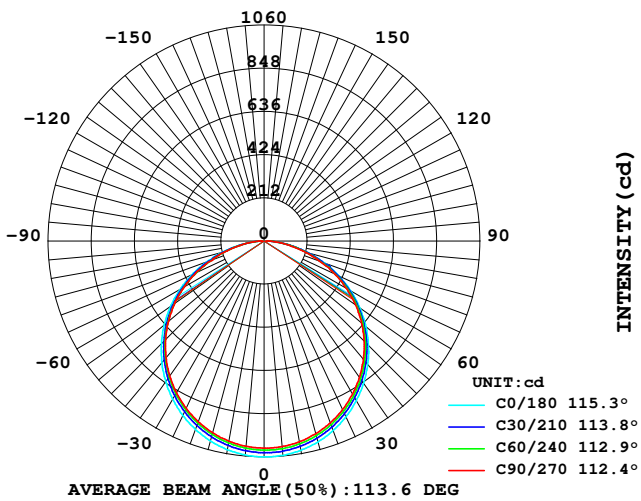
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

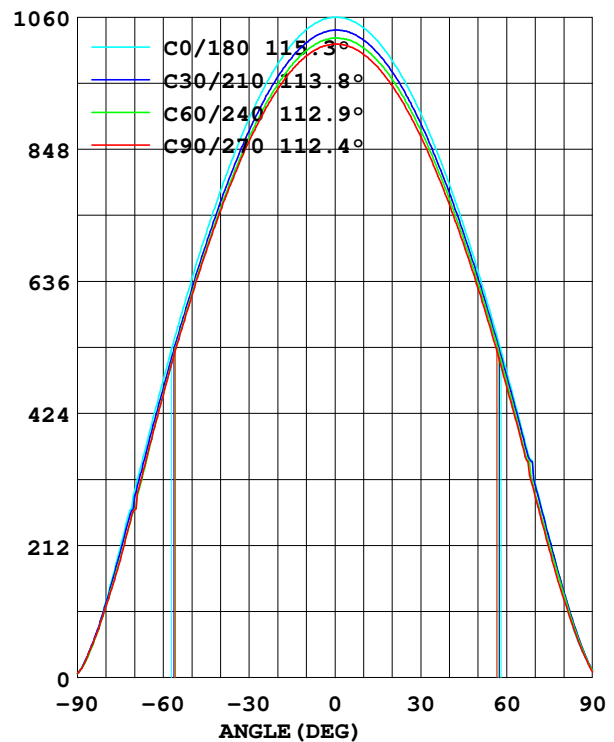
<b>MANUFACTURER :</b>	<b>Address :</b>		
<b>NAME : MSC300/30W-WH</b>	<b>TYPE :</b>	<b>WEIGHT :</b>	
<b>SPECIFICATION :</b>	<b>DIMENSION :</b>	<b>SERIAL No. :</b>	

DATA OF LAMP		Imax (cd)	1060	S/MH (C0/180)	1.26
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.26
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	2984.2	Voltage (V)	220.1
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	102.3	Current (A)	0.241
NOMINAL FLUX (lm)	2984.3	$\eta$ up (%)	0.0	Power (W)	29.16
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.548
TEST VOLTAGE (V)	220.2	Effective Flux (lm)	2934.8	EEI	0.135

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2018年05月11日

Test Set: 5.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:10.400 m  
 Remarks:

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Color Temperature Data List

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NAME: MSC300/30W-WH	TYPE:	WEIGHT:
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Operators:  
Test Date:2018年05月11日

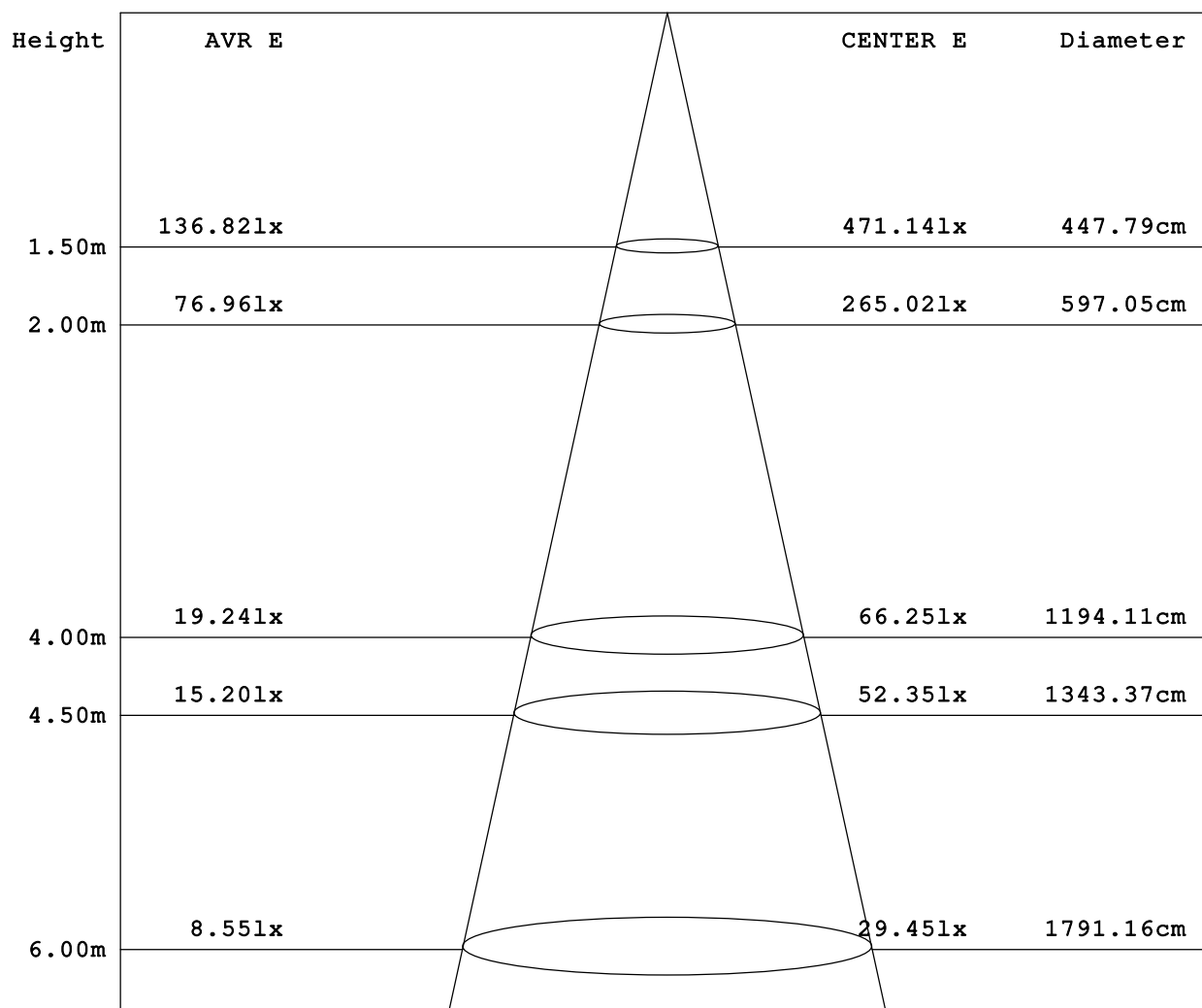
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## AVERAGE AND CENTER E Figure

Report number:

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Angle:112.4deg

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## ZONAL FLUX DIAGRAM

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME:</b> MSC300/30W-WH	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	1055	1026	1012	1002	1057	1030	1014	1003	0- 5	24.41	24.41
10.0	1040	1011	997.9	987.9	1043	1018	1001	990.6	5- 10	72.42	96.83
15.0	1017	986.8	974.9	965.6	1022	997.7	980.2	969.3	10- 15	117.9	214.8
20.0	985.2	954.0	944.8	934.7	990.9	969.1	950.8	940.3	15- 20	159.6	374.4
25.0	944.9	914.4	906.3	897.1	952.2	932.6	913.1	904.2	20- 25	196.0	570.4
30.0	896.8	866.6	860.3	851.6	906.4	887.9	868.9	859.4	25- 30	225.9	796.4
35.0	843.2	811.4	808.7	798.7	852.4	836.7	816.9	808.2	30- 35	248.5	1045
40.0	780.9	751.3	748.7	740.7	791.6	779.6	759.2	752.1	35- 40	262.9	1308
45.0	712.1	684.2	683.5	675.7	725.8	714.7	696.0	688.1	40- 45	268.9	1577
50.0	640.3	610.6	612.7	604.6	652.6	644.5	625.3	618.7	45- 50	266.0	1843
55.0	561.0	534.0	536.4	529.9	574.2	570.1	548.9	545.7	50- 55	254.3	2097
60.0	476.5	449.8	452.6	447.4	492.8	489.4	468.3	466.4	55- 60	233.9	2331
65.0	390.3	363.2	367.5	361.2	404.5	404.3	382.7	380.6	60- 65	205.1	2536
70.0	299.4	274.4	269.1	275.5	312.0	318.2	290.4	297.3	65- 70	169.5	2706
75.0	209.0	188.1	188.5	192.5	223.7	230.8	204.9	213.3	70- 75	128.1	2834
80.0	121.3	109.6	114.4	114.8	132.3	146.5	126.2	132.1	75- 80	86.76	2921
85.0	49.96	42.50	49.96	48.13	57.10	74.30	58.73	63.81	80- 85	47.42	2968
90.0	7.030	2.920	6.489	4.975	11.68	16.44	9.193	12.00	85- 90	15.95	2984
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:cd									UNIT:lm	

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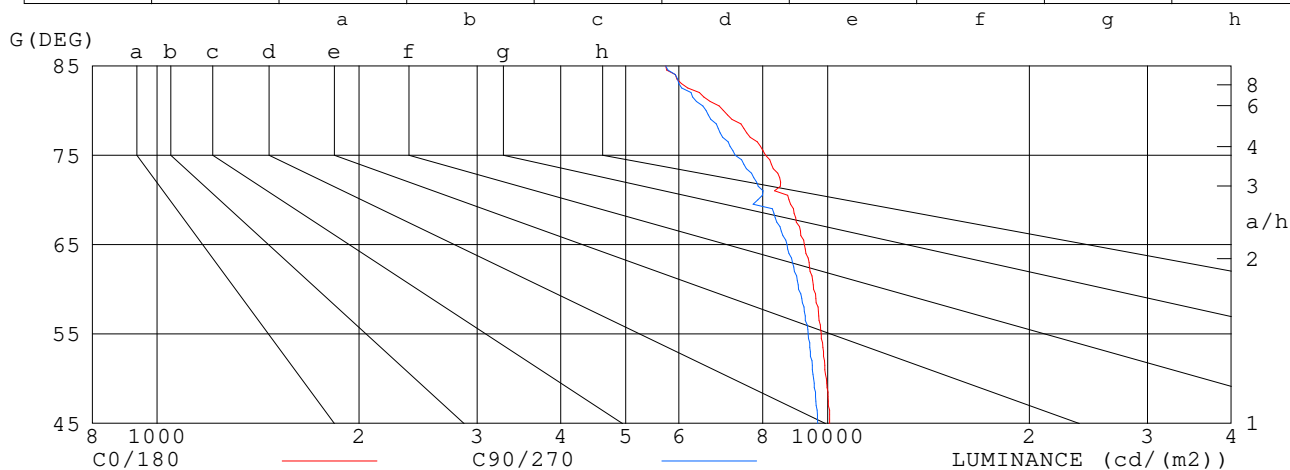
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
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### LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300	<=300	<=300	<=300	<=300
1.15	A	2000	1000	500	<=300	<=300	<=300	<=300	<=300
1.50	B		2000	1000	500	<=300	<=300	<=300	<=300
1.85	C			2000	1000	500	<=300	<=300	<=300
2.20	D				2000	1000	500	<=300	<=300
2.55	E					2000	1000	500	<=300



G (DEG)	LUMINANCE cd/(m2)	
	C0/180	C90/270
85	5733	5733
80	6989	6590
75	8078	7284
70	8757	7868
65	9236	8696
60	9531	9053
55	9781	9353
50	9961	9532
45	10071	9667

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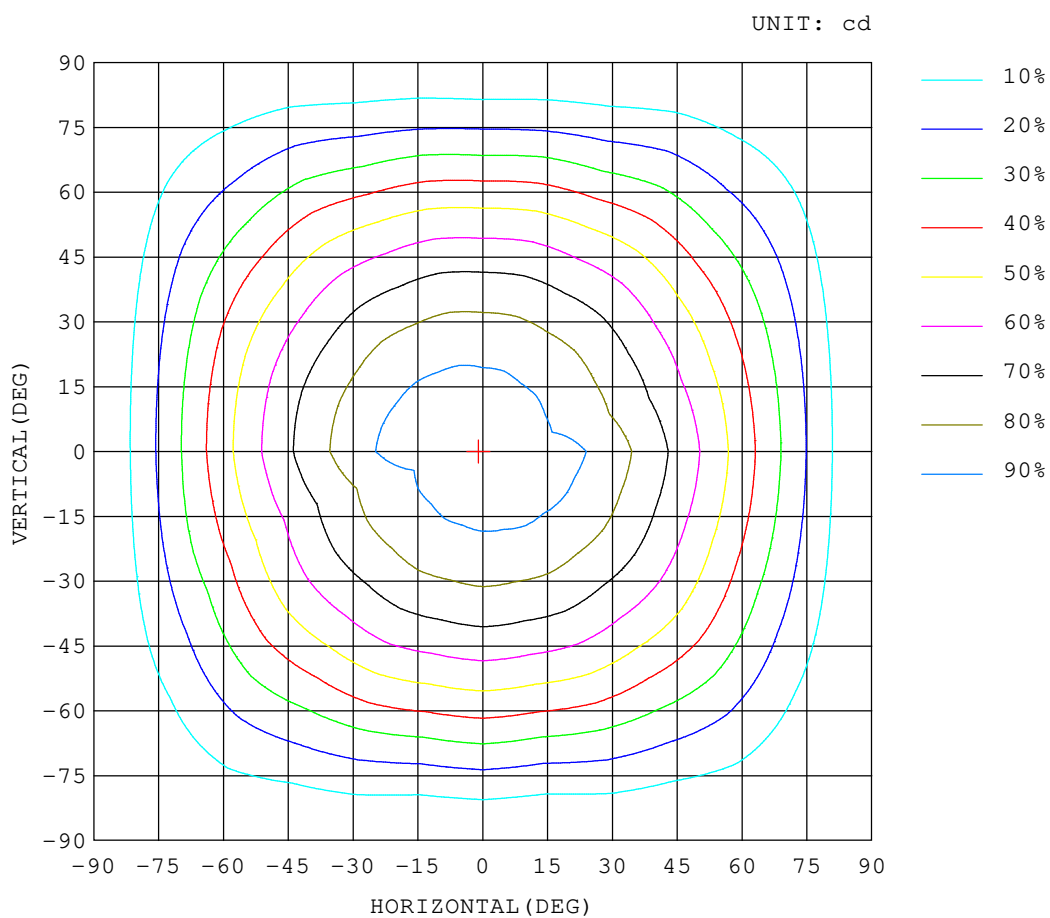
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## ISOCANDELA DIAGRAM

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