

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

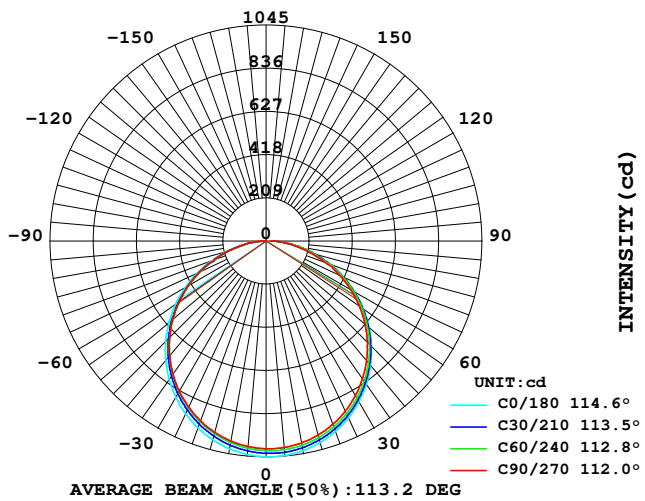
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

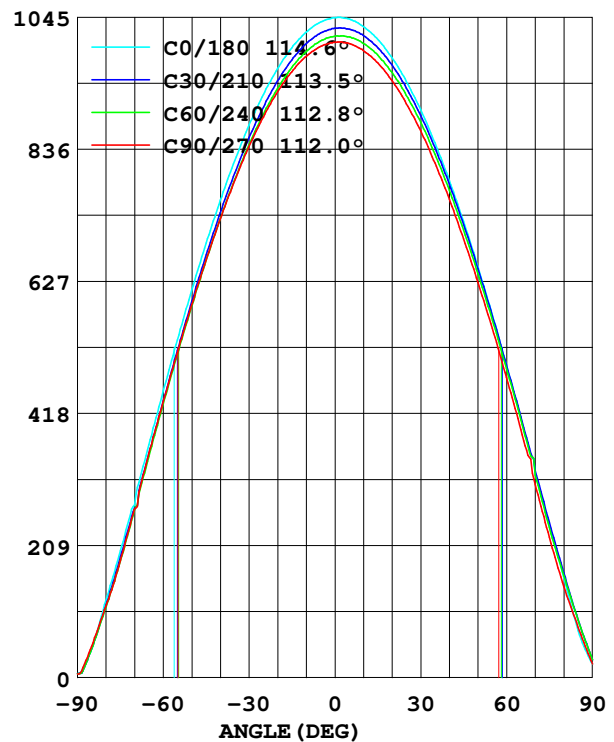
MANUFACTURER :	Address :		
NAME : MRC300/30W-WH	TYPE :	WEIGHT :	
SPECIFICATION :	DIMENSION :	SERIAL No. :	

DATA OF LAMP		Imax (cd)	1045	S/MH (C0/180)	1.24
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.24
NOMINAL POWER (W)	30	TOTAL FLUX (lm)	2842.7	Voltage (V)	220.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	95.3	Current (A)	0.247
NOMINAL FLUX (lm)	2842.8	η up (%)	0.0	Power (W)	29.83
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.546
TEST VOLTAGE (V)	220.3	Effective Flux (lm)	2799.1	EEI	0.145

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1600
 Temperature:25.3DEG
 Operators:
 Test Date:2018年05月12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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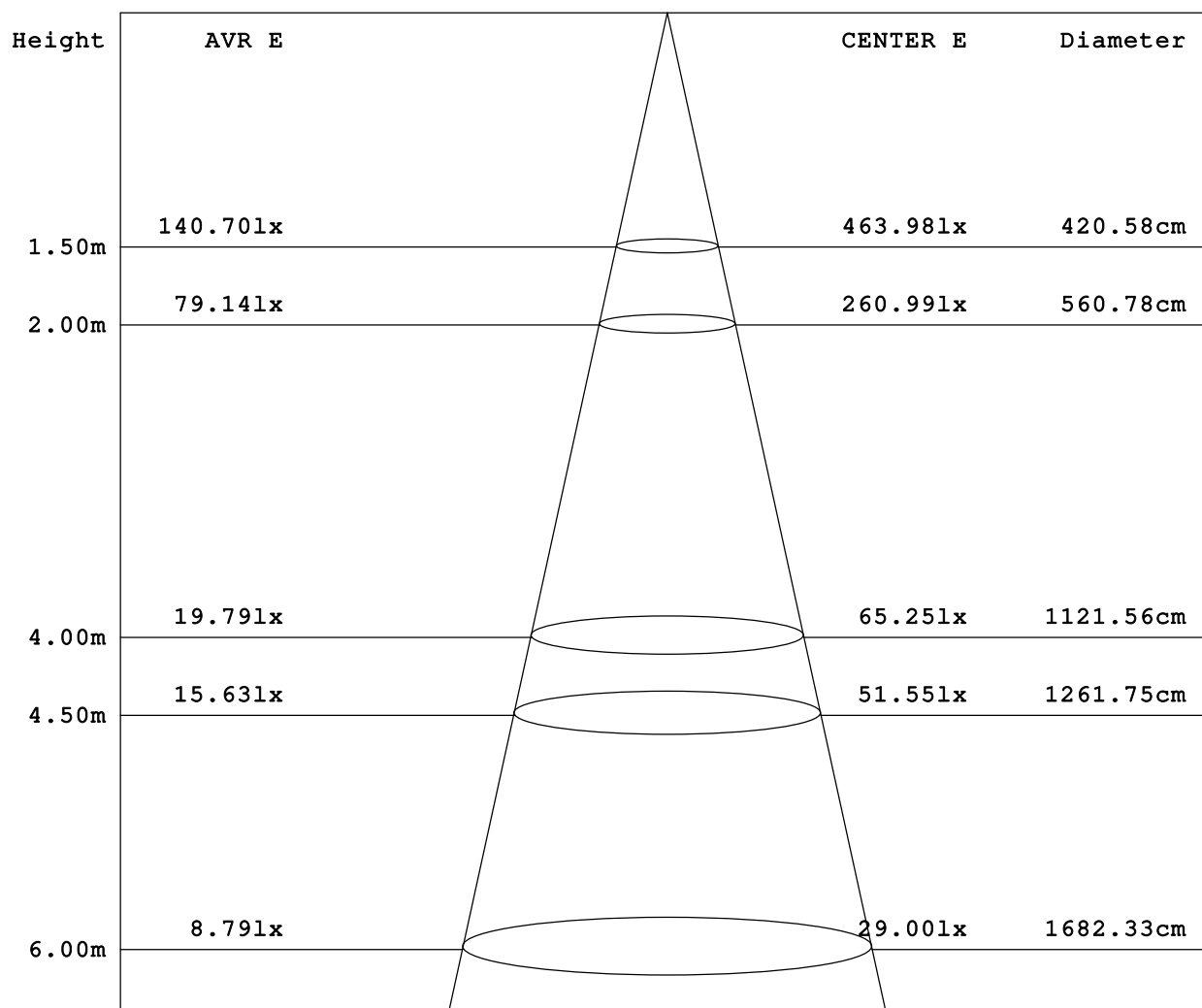
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: MRC300/30W-WH	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:109.0deg

Test System:HOPOO HPG1600
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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: MRC300/30W-WH	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	1037	1011	998.3	984.5	1042	1019	1003	986.6	0- 5	23.08	23.08
10.0	1021	994.0	982.8	970.9	1030	1011	991.9	974.6	5- 10	68.48	91.56
15.0	996.2	967.9	958.5	948.4	1010	992.1	972.4	953.7	10- 15	111.5	203.1
20.0	963.5	933.3	926.6	917.9	980.1	965.5	944.2	925.2	15- 20	150.9	354.0
25.0	922.2	891.9	886.8	880.2	943.0	930.9	907.7	889.0	20- 25	185.2	539.2
30.0	874.3	842.4	840.5	834.3	898.5	887.9	865.0	844.9	25- 30	213.3	752.6
35.0	817.9	785.4	786.3	781.6	845.9	838.1	814.1	794.0	30- 35	234.4	987.1
40.0	755.1	724.1	725.4	724.3	785.8	782.2	756.1	737.7	35- 40	247.9	1235
45.0	687.5	655.2	660.8	659.1	721.7	718.8	694.1	674.2	40- 45	253.2	1488
50.0	613.5	581.2	590.3	589.5	650.1	650.4	625.1	605.8	45- 50	250.2	1738
55.0	534.3	504.7	513.8	517.3	573.2	578.3	552.2	534.7	50- 55	239.2	1978
60.0	453.9	423.5	436.6	439.8	494.3	500.2	475.0	457.9	55- 60	220.4	2198
65.0	368.6	346.5	354.5	359.8	410.8	419.4	392.4	378.9	60- 65	194.7	2393
70.0	272.5	257.8	266.7	278.9	323.0	338.4	304.9	300.3	65- 70	163.0	2556
75.0	200.8	177.7	185.2	199.8	240.2	255.5	221.8	219.9	70- 75	126.0	2682
80.0	122.3	102.8	113.1	124.8	158.1	175.5	143.9	143.7	75- 80	88.90	2771
85.0	44.99	37.85	49.42	57.86	74.19	101.5	79.49	75.17	80- 85	52.24	2823
90.0	6.273	3.136	5.948	4.001	21.41	33.52	21.30	12.97	85- 90	19.53	2843
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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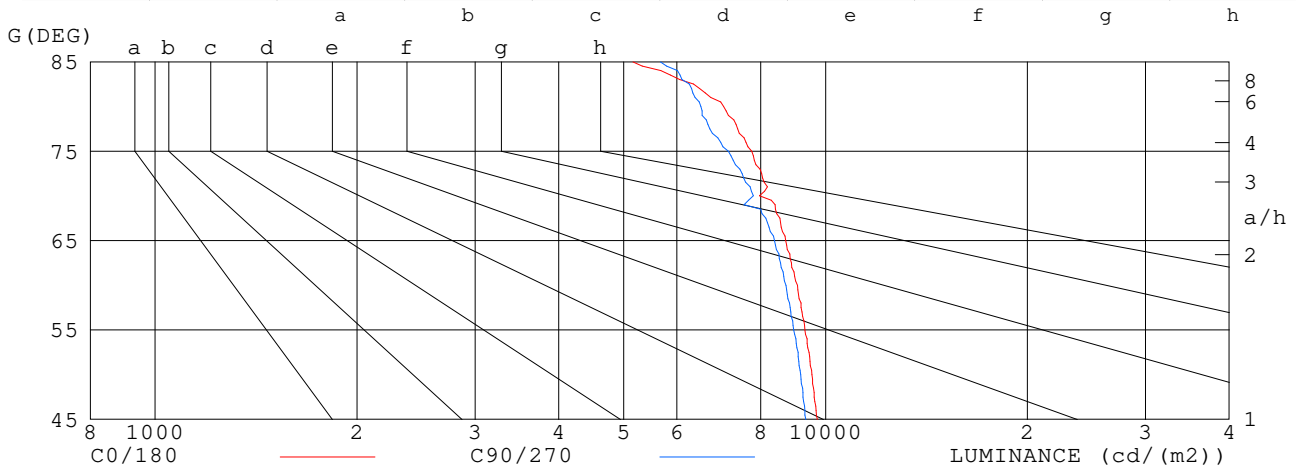
LUMINANCE LIMITATION CURVES

Report number:

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LUMINANCE LIMITATION CURVES

GLARE	CLASS	ILLUMINANCE (lx)							
		2000	1000	500	<=300				
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	5163	5671
80	7045	6515
75	7760	7159
70	7969	7798
65	8722	8389
60	9079	8733
55	9315	8959
50	9546	9184
45	9724	9346

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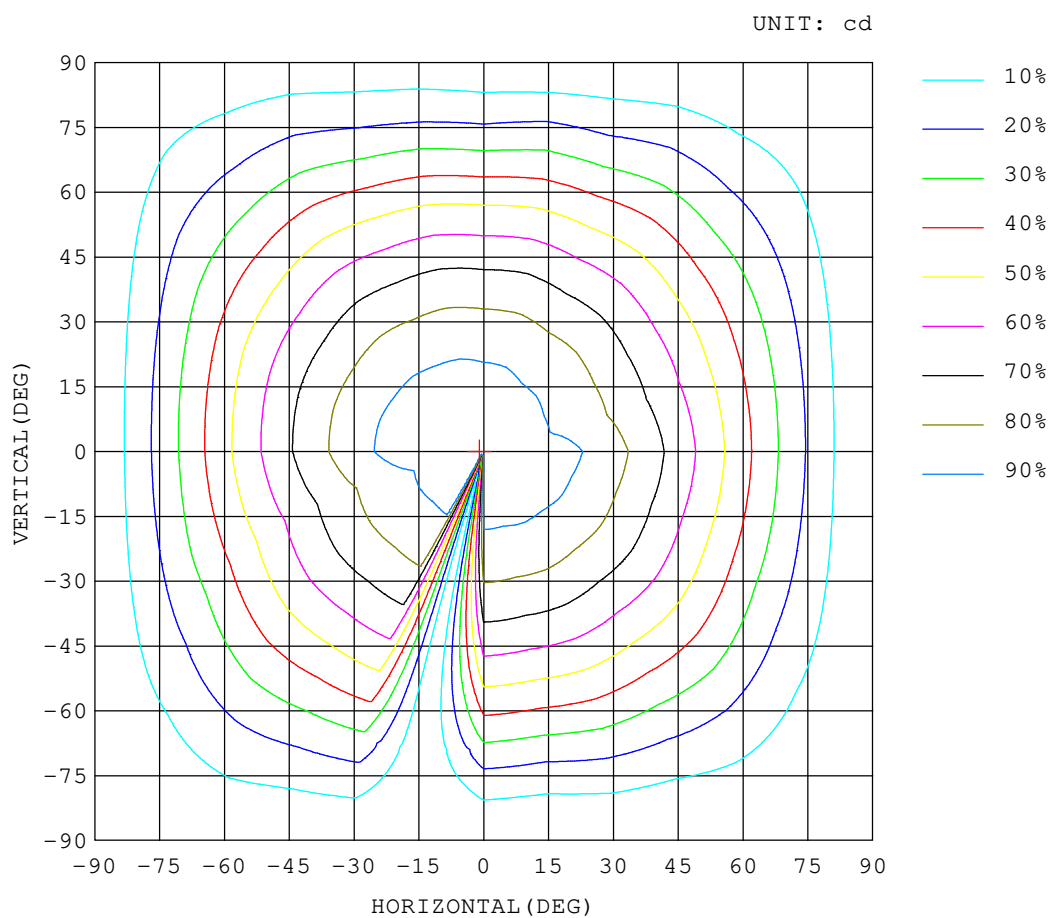
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ISOCANDELA DIAGRAM

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