

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

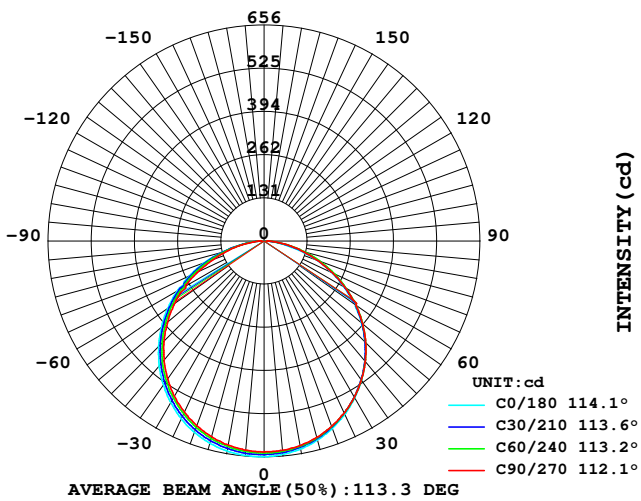
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number :

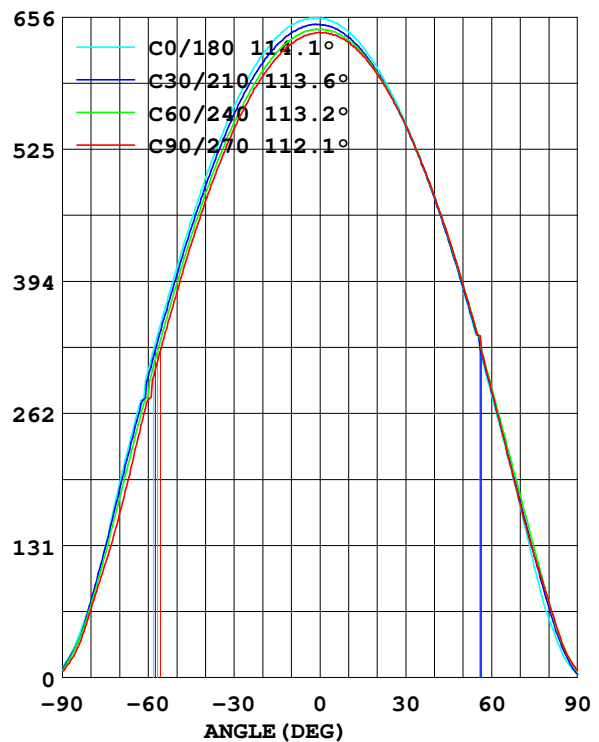
<b>MANUFACTURER :</b>	<b>Address :</b>	
<b>NAME : MR225-24W-WH</b>	<b>TYPE :</b>	<b>WEIGHT :</b>
<b>SPECIFICATION :</b>	<b>DIMENSION :</b>	<b>SERIAL No. :</b>

DATA OF LAMP		Imax (cd)	656.0	S/MH (C0/180)	1.29
MODEL		EFFICIENCY (%)	100.0	S/MH (C90/270)	1.26
NOMINAL POWER (W)	24	TOTAL FLUX (lm)	1855.2	Voltage (V)	220.3
RATED VOLTAGE (V)	220	EFFICIENCY (lm/W)	78.2	Current (A)	0.108
NOMINAL FLUX (lm)	1855.3	$\eta$ up (%)	0.0	Power (W)	23.70
LAMPS QUANTITY	1	$\eta$ down (%)	100.0	Power Factor (PF)	0.990
TEST VOLTAGE (V)	220.4	Effective Flux (lm)	1822.9	EEI	0.177

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020年07月14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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MANUFACTURER:	Address:	
NAME: MR225-24W-WH	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

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Temperature:25.3DEG  
Operators:  
Test Date:2020年07月14日

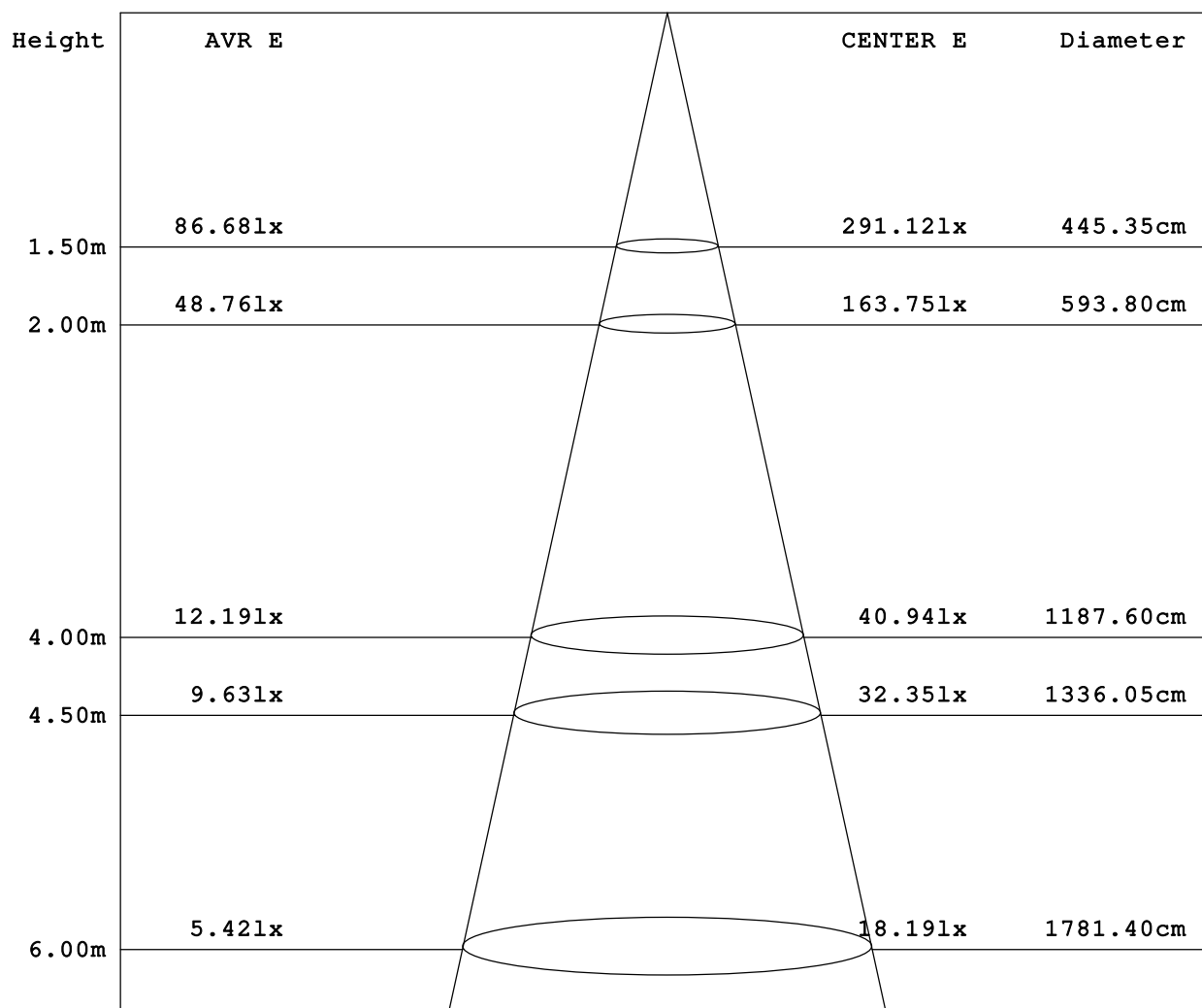
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## AVERAGE AND CENTER E Figure

Report number:

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Angle:112.1deg

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## ZONAL FLUX DIAGRAM

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: MR225-24W-WH</b>	<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	654.1	643.5	637.7	632.6	650.7	643.7	638.4	635.6	0- 5	15.33	15.33
10.0	647.8	635.5	629.5	623.1	641.3	635.7	631.0	628.7	5- 10	45.51	60.84
15.0	636.1	623.1	615.7	609.1	626.5	622.1	617.7	617.8	10- 15	74.22	135.0
20.0	618.7	604.0	597.0	589.0	606.2	603.8	599.7	599.6	15- 20	100.5	235.5
25.0	595.8	580.4	573.1	564.5	580.4	580.4	576.4	577.6	20- 25	123.4	359.0
30.0	567.6	552.1	544.9	535.1	550.2	551.7	548.9	551.5	25- 30	142.4	501.4
35.0	533.5	518.0	510.7	501.5	516.8	519.4	516.1	520.4	30- 35	156.6	658.1
40.0	496.2	479.3	472.8	463.3	476.8	482.5	478.1	485.0	35- 40	165.7	823.8
45.0	453.6	437.2	430.0	422.1	433.3	441.0	436.8	445.5	40- 45	169.1	993.0
50.0	407.1	389.9	382.0	374.7	386.5	397.1	390.8	401.7	45- 50	166.8	1160
55.0	358.0	340.9	332.5	323.2	339.7	348.1	340.8	353.7	50- 55	158.8	1319
60.0	305.3	285.1	276.0	270.9	280.6	295.7	285.5	302.8	55- 60	144.9	1464
65.0	249.5	229.5	220.1	216.1	226.9	241.1	229.6	249.4	60- 65	125.4	1589
70.0	193.6	172.5	162.8	160.2	170.1	185.7	172.0	194.6	65- 70	102.5	1692
75.0	130.3	118.1	113.4	107.2	109.3	129.9	120.8	140.0	70- 75	76.67	1768
80.0	75.60	66.95	67.38	58.62	58.83	78.95	75.49	89.88	75- 80	50.52	1819
85.0	36.12	29.09	27.36	24.01	22.17	37.42	31.79	47.04	80- 85	26.71	1846
90.0	10.16	4.975	5.948	3.785	4.542	7.138	6.814	13.95	85- 90	9.591	1855
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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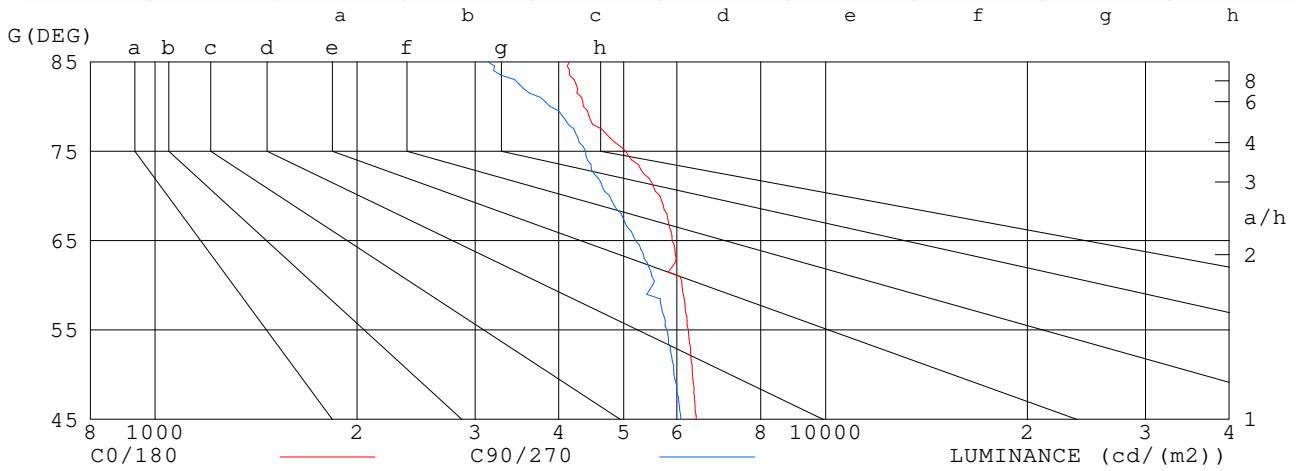
**LUMINANCE LIMITATION CURVES**

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
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<b>SPECIFICATION:</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

**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	4145	3140
80	4354	3880
75	5036	4384
70	5661	4763
65	5904	5208
60	6107	5520
55	6242	5799
50	6334	5943
45	6415	6082

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