

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

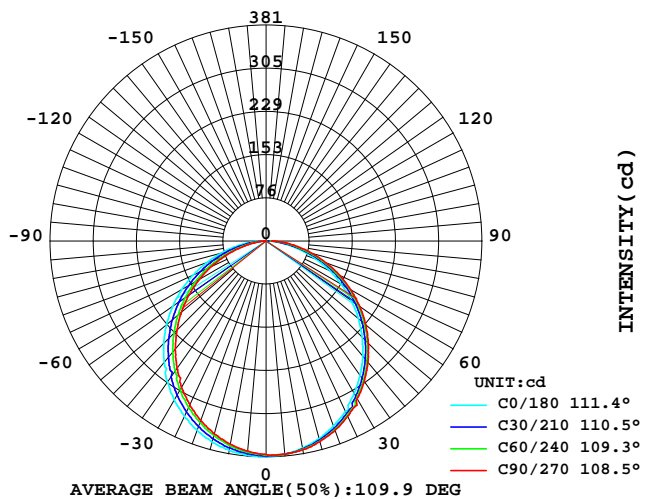
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

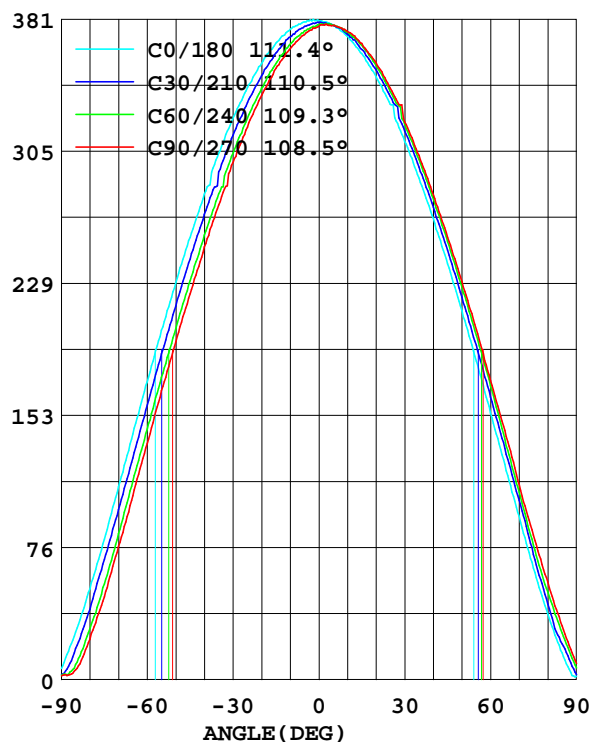
MANUFACTURER:	Address:	
NAME: 89896WT	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		I <sub>max</sub> (cd)	381.3	S/MH(C0/180)	1.27
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.19
NOMINAL POWER(W)	16	TOTAL FLUX(lm)	1046.0	Voltage(V)	120.1
RATED VOLTAGE(V)	120	EFFICIENCY(lm/W)	69.7	Current(A)	0.125
NOMINAL FLUX(lm)	1046.1	η up(%)	0.0	Power(W)	15.01
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.998
TEST VOLTAGE(V)	120.2	Effective Flux(lm)	1028.1	EEI	0.191

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2020年06月30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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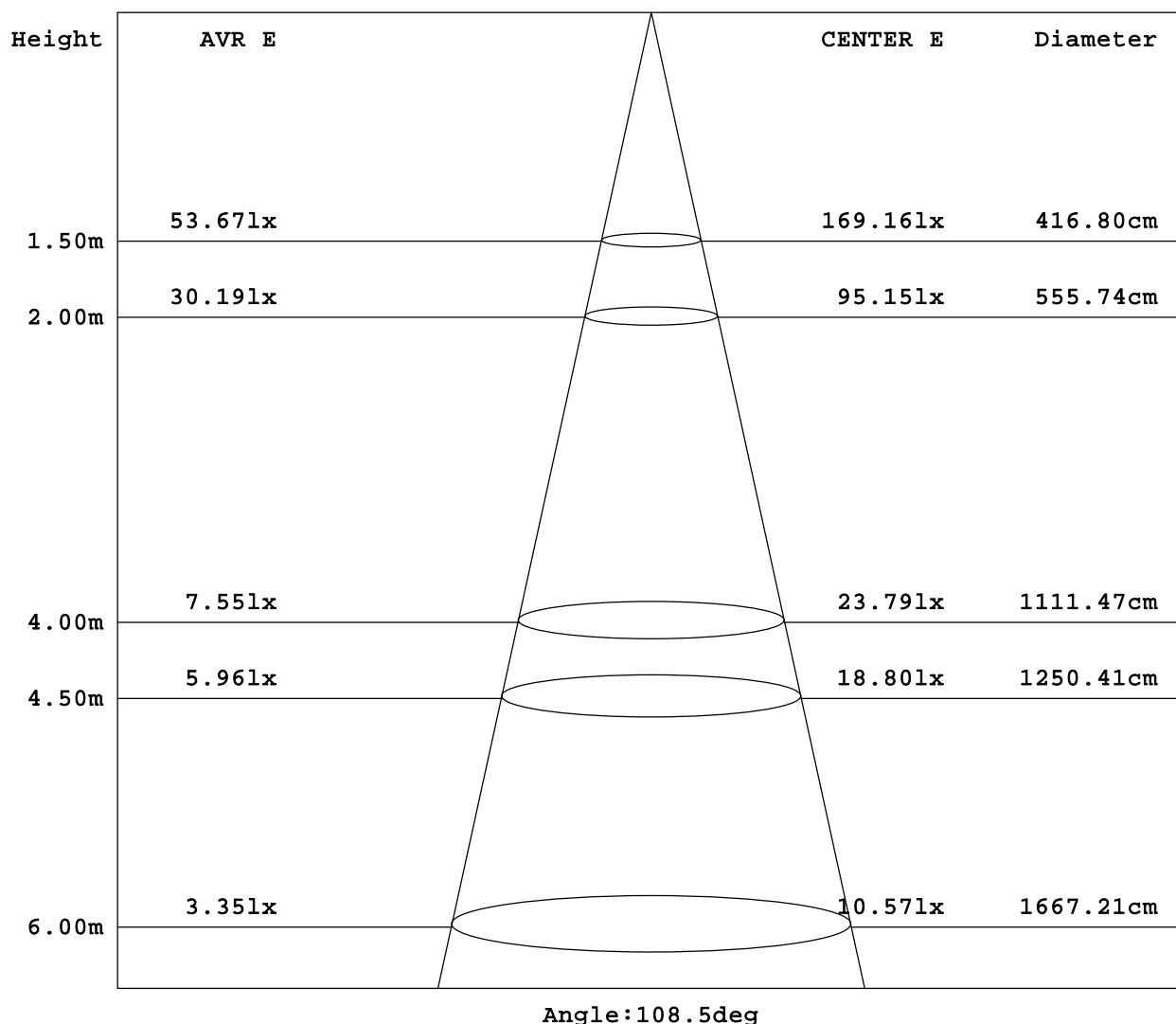
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## AVERAGE AND CENTER E Figure

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## ZONAL FLUX DIAGRAM

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$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	379.8	374.7	372.3	368.0	377.8	378.4	377.8	374.4	0- 5	8.977	8.977
10.0	375.6	367.2	364.3	359.4	371.4	374.5	374.3	370.8	5- 10	26.59	35.57
15.0	367.6	356.8	352.9	347.6	361.4	366.3	367.4	364.2	10- 15	43.21	78.78
20.0	355.8	342.3	337.2	333.2	348.0	355.4	356.0	354.4	15- 20	58.23	137.0
25.0	341.8	323.3	319.0	312.7	332.0	341.2	341.5	340.4	20- 25	71.10	208.1
30.0	324.3	303.7	298.6	293.0	310.7	322.9	321.8	323.5	25- 30	81.36	289.4
35.0	303.9	281.2	273.9	270.3	289.6	303.4	302.7	305.0	30- 35	88.66	378.1
40.0	280.3	257.0	249.8	245.6	266.0	279.2	279.8	282.4	35- 40	92.91	471.0
45.0	255.4	231.2	222.9	219.6	240.1	254.9	255.3	259.0	40- 45	94.15	565.2
50.0	229.1	203.4	195.0	192.0	212.9	229.2	229.8	234.0	45- 50	92.28	657.5
55.0	201.7	174.5	166.7	162.4	183.8	201.2	202.1	207.0	50- 55	87.41	744.9
60.0	172.0	145.5	136.3	133.5	153.9	172.1	172.8	178.7	55- 60	79.68	824.6
65.0	141.9	115.2	106.2	104.0	124.2	142.4	143.9	150.0	60- 65	69.41	894.0
70.0	111.4	85.44	77.00	74.30	94.20	110.4	112.4	118.0	65- 70	57.07	951.1
75.0	81.01	56.35	47.69	46.61	64.35	79.71	83.39	87.50	70- 75	43.30	994.4
80.0	52.34	30.28	23.36	22.60	37.96	50.61	56.45	58.19	75- 80	29.19	1024
85.0	27.47	8.652	5.624	3.244	15.35	28.01	31.04	34.61	80- 85	16.21	1040
90.0	6.381	1.406	2.055	1.081	1.946	7.138	9.301	12.43	85- 90	6.264	1046
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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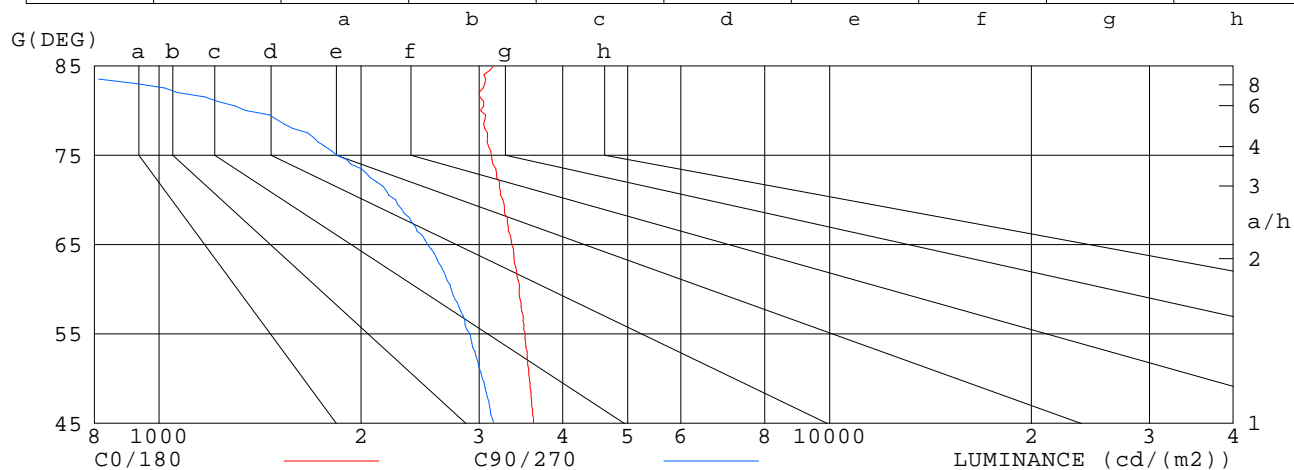
## LUMINANCE LIMITATION CURVES

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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



LUMINANCE cd/(m2)		
G (DEG)	C0/180	C90/270
85	3152	645
80	3015	1345
75	3130	1843
70	3257	2252
65	3358	2513
60	3442	2728
55	3517	2908
50	3566	3034
45	3613	3153

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