

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

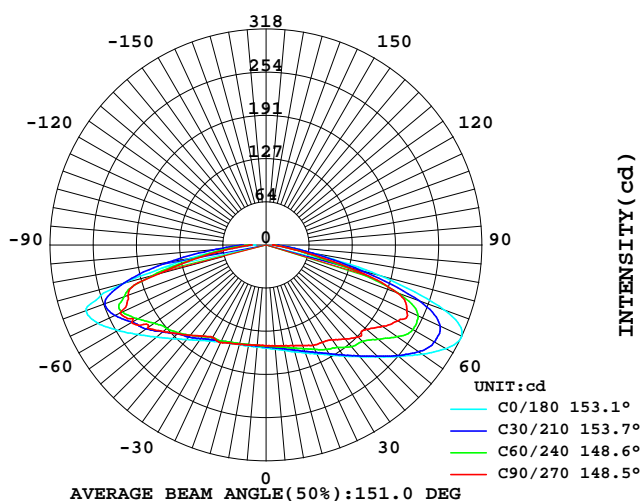
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

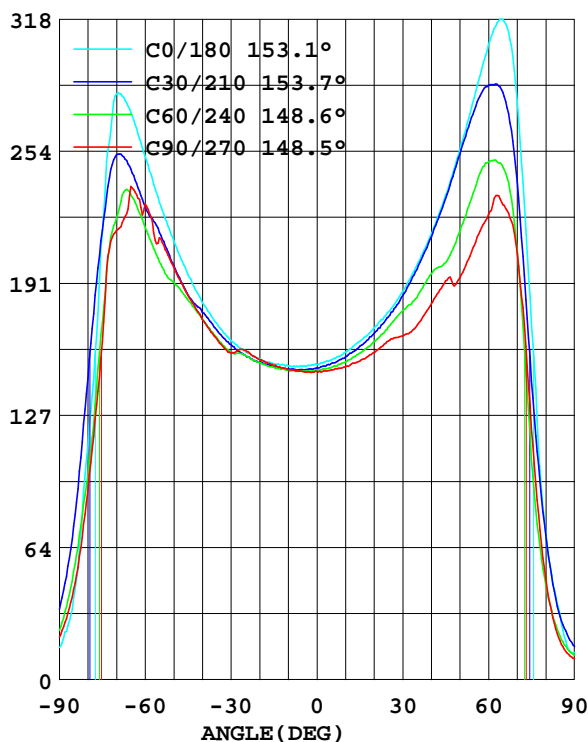
MANUFACTURER:	Address:		
NAME: R15W-WH	TYPE:	WEIGHT:	
SPECIFICATION:	DIMENSION:	SERIAL No.:	

DATA OF LAMP		I <sub>max</sub> (cd)	317.8	S/MH(C0/180)	1.82
MODEL		EFFICIENCY(%)	100.0	S/MH(C90/270)	1.78
NOMINAL POWER(W)	14	TOTAL FLUX(lm)	1062.7	Voltage(V)	220.3
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	72.7	Current(A)	0.072
NOMINAL FLUX(lm)	1062.8	η up(%)	0.0	Power(W)	14.62
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.909
TEST VOLTAGE(V)	220.3	Effective Flux(lm)	1052.5	EEI	0.182

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年05月18日

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

Color Temperature Data List

Report number:

MANUFACTURER:	Address:	
NAME: R15W-WH	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

---

Test System:HOPOO HPG1600  
Temperature:25.3DEG  
Operators:  
Test Date:2021年05月18日

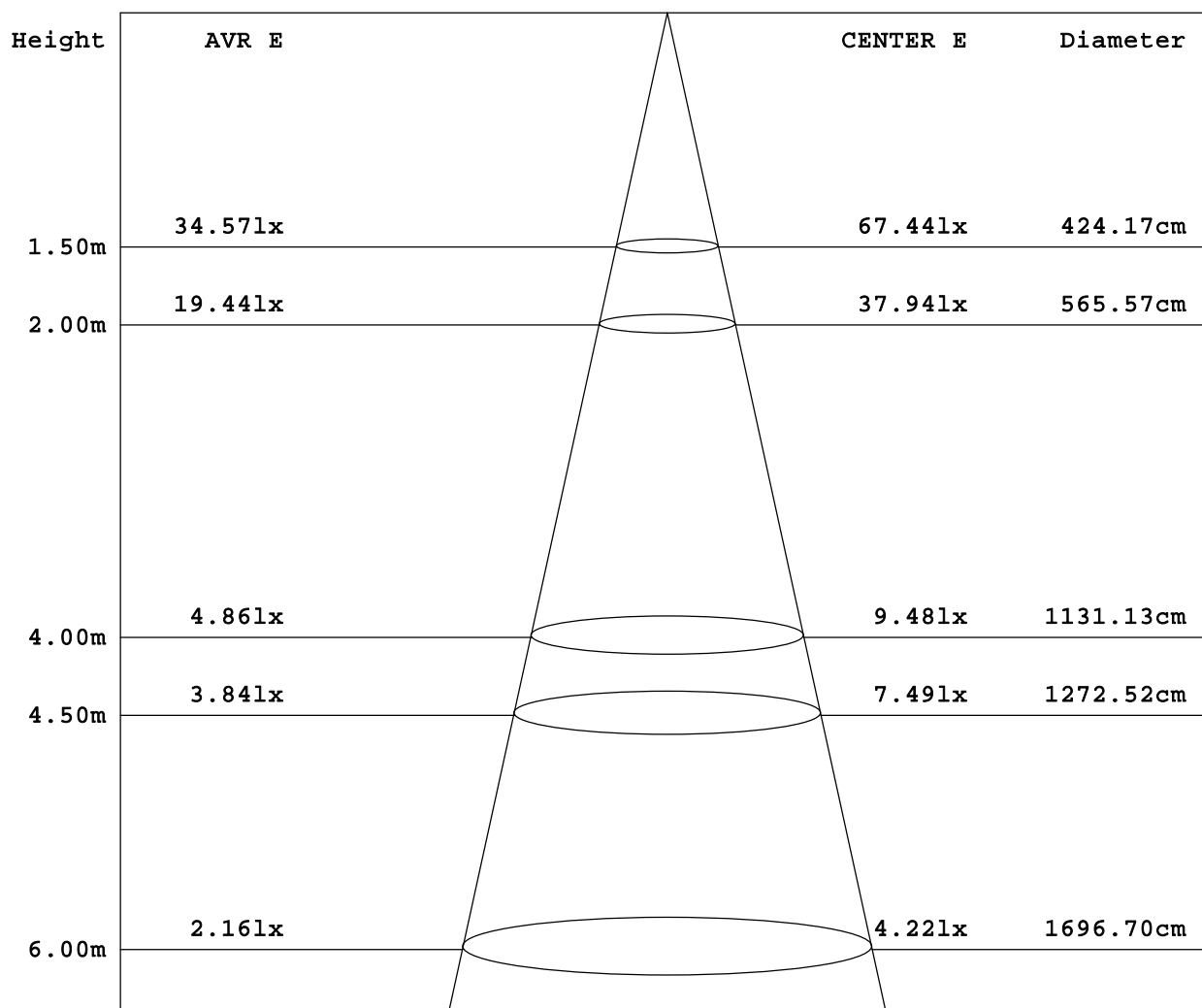
Test Set: 5.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:10.400 m  
Remarks:

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: R15W-WH	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:109.5deg

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年05月18日

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

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		Address:	
NAME: R15W-WH		TYPE:	WEIGHT:
SPECIFICATION:		DIMENSION:	SERIAL No.:

$\gamma$	C0	C45	C90	C135	C180	C225	C270	C315	$\gamma$	zone	total
5.0	150.9	148.6	148.2	149.4	153.9	150.7	149.0	147.4	0- 5	3.563	3.563
10.0	150.8	149.1	149.1	152.1	157.4	154.0	150.4	147.8	5- 10	10.74	14.30
15.0	151.9	150.7	151.0	156.0	162.7	158.2	153.2	149.1	10- 15	18.07	32.38
20.0	154.4	152.7	154.0	160.7	169.0	163.9	157.3	151.7	15- 20	25.65	58.03
25.0	157.8	156.3	158.5	167.3	176.9	171.5	162.9	155.9	20- 25	33.62	91.66
30.0	163.3	160.7	157.1	172.9	186.9	181.2	165.4	162.5	25- 30	41.94	133.6
35.0	171.6	164.9	164.0	180.5	199.4	193.1	170.4	169.8	30- 35	50.69	184.3
40.0	181.4	174.2	173.4	192.3	214.5	203.6	180.9	172.7	35- 40	60.49	244.7
45.0	194.9	185.3	184.8	205.8	233.3	218.2	191.8	182.2	40- 45	71.15	315.9
50.0	211.2	195.4	198.4	217.0	255.0	231.2	193.3	193.4	45- 50	82.79	398.7
55.0	229.6	208.2	212.7	234.1	280.2	252.0	209.0	204.4	50- 55	95.21	493.9
60.0	251.9	224.9	228.8	251.4	305.6	264.8	223.7	221.0	55- 60	108.0	602.0
65.0	272.9	233.1	237.3	251.0	317.7	259.1	228.5	228.7	60- 65	119.5	721.5
70.0	281.8	233.1	216.2	226.9	278.4	210.0	205.2	222.4	65- 70	123.6	845.2
75.0	215.1	197.8	162.5	164.4	171.6	129.1	120.9	162.0	70- 75	105.9	951.2
80.0	113.0	127.1	91.07	84.58	70.62	57.00	48.56	85.98	75- 80	65.43	1017
85.0	39.37	62.08	43.37	38.28	31.25	27.79	18.49	38.82	80- 85	31.85	1049
90.0	15.46	28.77	20.44	18.49	12.97	15.57	10.16	19.25	85- 90	14.24	1063
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	

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年05月18日

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

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

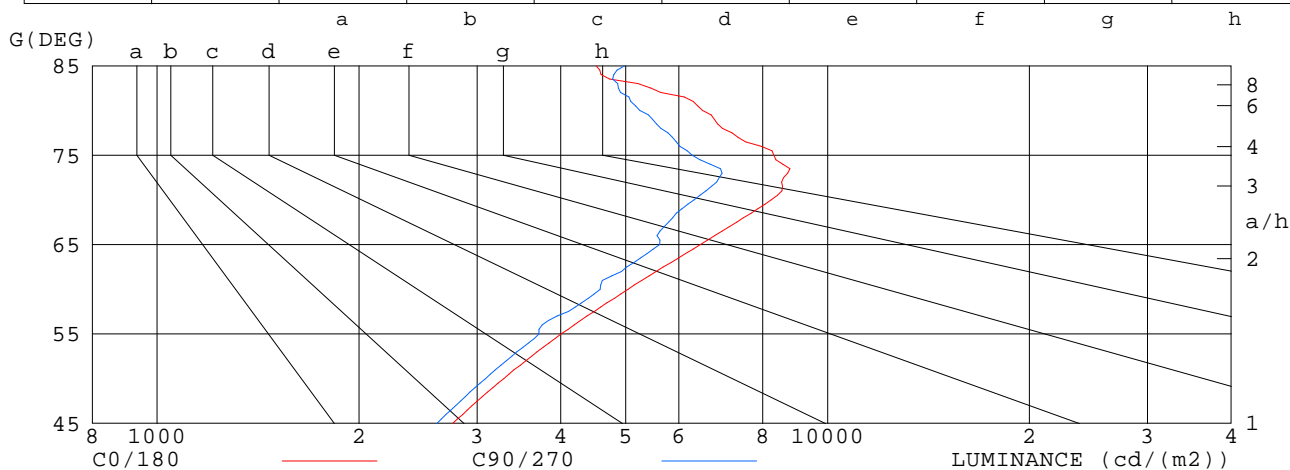
## LUMINANCE LIMITATION CURVES

Report number:

<b>MANUFACTURER:</b>	<b>Address:</b>	
<b>NAME: R15W-WH</b>	<b>TYPE:</b>	<b>WEIGHT:</b>
<b>SPECIFICATION:</b>	<b>DIMENSION:</b>	<b>SERIAL No.:</b>

### 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	4517	4976
80	6509	5245
75	8312	6281
70	8241	6322
65	6460	5615
60	5038	4577
55	4003	3709
50	3286	3088
45	2756	2614

Test System:HOPOO HPG1600  
 Temperature:25.3DEG  
 Operators:  
 Test Date:2021年05月18日

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