

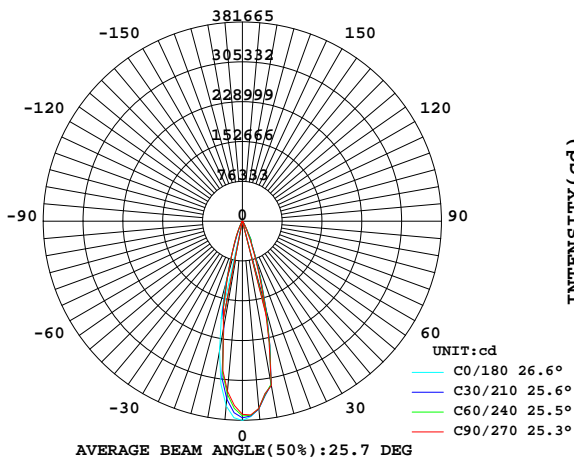
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

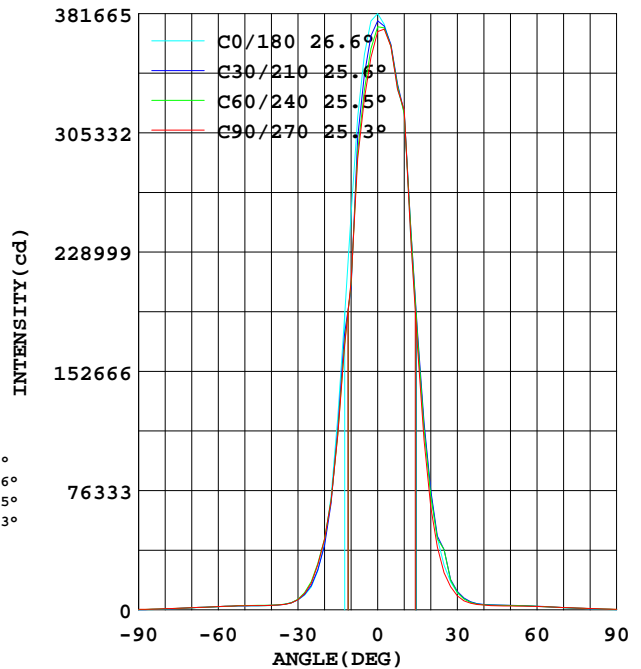
MANUFACTURER:	Address:		
NAME: LSHM-600W-LV (50K)PLUS 20	TYPE:	WEIGHT:	
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	381665	S/MH(C0/180)	0.40
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.38
NOMINAL POWER(W)	600	TOTAL FLUX(lm)	93048	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	155.3	Current(A)	2.689
NOMINAL FLUX(lm)	93047.7	$\eta$ up(%)	0.0	Power(W)	599.2
LAMPS QUANTITY	1	$\eta$ down(%)	100.0	Power Factor(PF)	0.985
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	74550.3	EI	0.109

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:01-09-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:6.000 m  
Remarks:

Color Temperature Data List

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-600W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

---

Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:01-09-2020

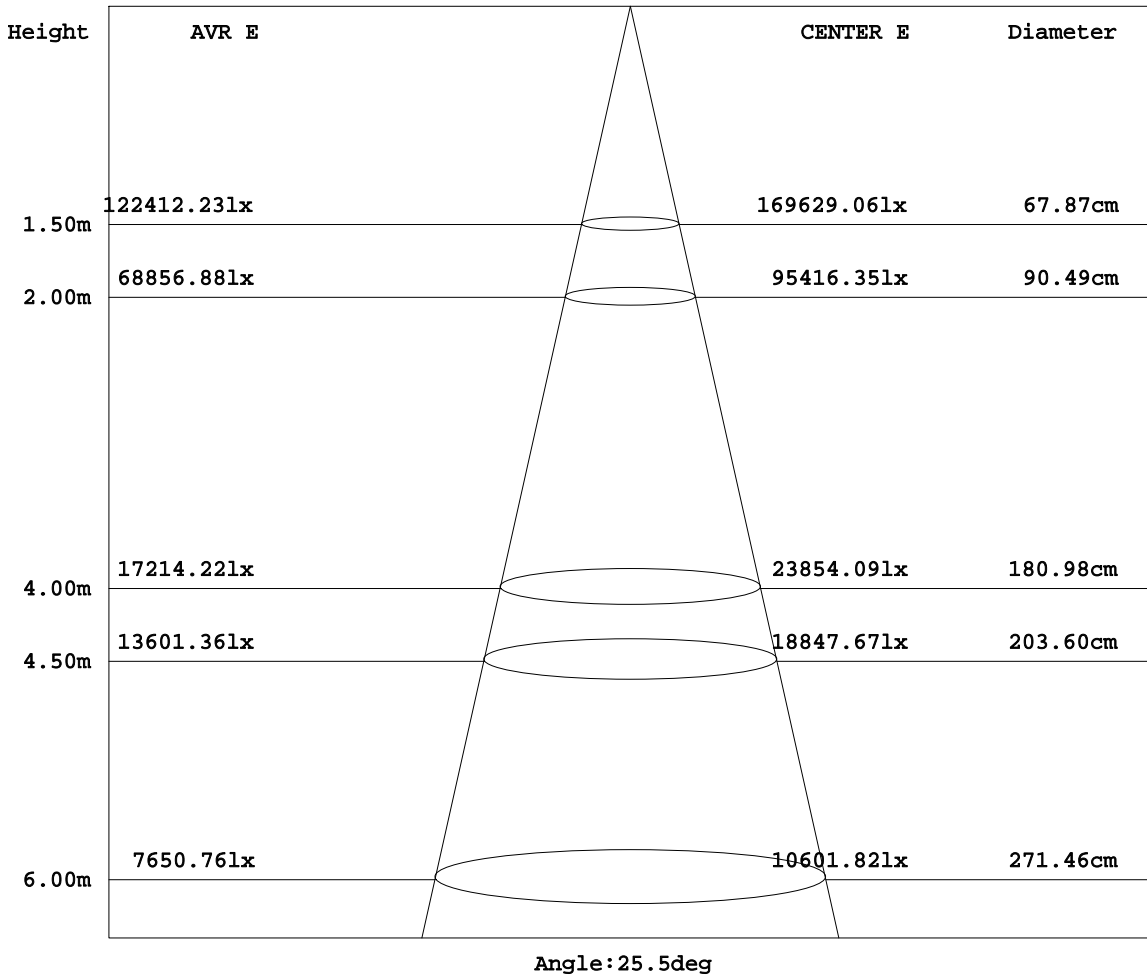
Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:6.000 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-600W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:01-09-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-600W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	one	total
5.0	3554	3366	3272	3288	3606	3618	3605	3612	0- 5	8603	8603
10.0	2534	2354	2105	2410	3194	3004	3199	2868	5- 10	22077	30680
15.0	1237	1133	1122	1317	1722	1793	1682	1614	10- 15	23660	54340
20.0	425.1	432.2	452.3	589.1	749.7	770.1	657.0	663.9	15- 20	15868	70208
25.0	147.2	170.8	170.9	257.8	285.7	314.9	237.5	257.3	20- 25	8142	78350
30.0	63.92	67.96	65.51	106.9	108.5	124.9	89.10	103.0	25- 30	3818	82168
35.0	36.73	35.78	35.82	50.79	50.21	52.85	42.43	48.50	30- 35	1843	84011
40.0	28.15	30.42	28.89	36.89	33.88	34.41	30.81	32.70	35- 40	1215	85226
45.0	25.42	29.01	26.84	33.60	29.20	31.63	25.80	28.99	40- 45	1108	86334
50.0	24.45	27.65	26.35	30.80	27.54	30.26	24.74	27.49	45- 50	1129	87463
55.0	22.69	25.16	24.13	26.73	25.67	27.57	23.92	25.24	50- 55	1139	88601
60.0	20.11	21.46	21.00	22.43	22.22	23.71	21.65	22.19	55- 60	1081	89683
65.0	16.56	17.60	17.23	18.13	18.28	19.88	18.55	18.70	60- 65	964.3	90647
70.0	12.94	13.90	13.78	14.24	14.20	15.65	15.04	14.76	65- 70	809.3	91456
75.0	9.053	10.04	10.52	10.38	10.05	11.44	11.78	11.07	70- 75	638.9	92095
80.0	5.437	6.512	7.467	6.845	6.523	8.210	8.857	8.119	75- 80	471.1	92566
85.0	1.728	3.727	4.885	3.979	3.437	5.291	5.853	5.182	80- 85	312.2	92879
90.0	0.926	1.951	3.286	2.017	0.924	2.314	3.398	2.247	85- 90	169.0	93048
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:×100cd								UNIT:lm		

Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:01-09-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

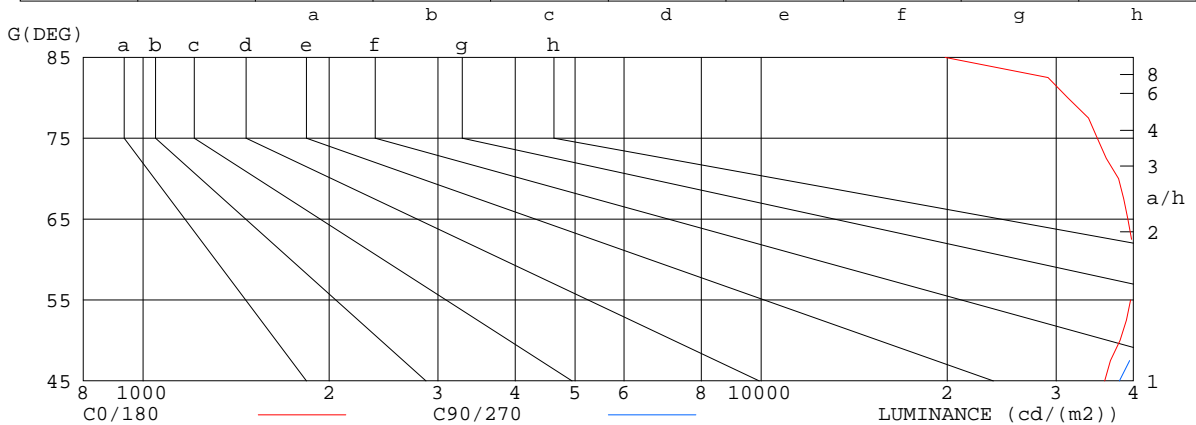
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-600W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

### 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	19835	56051
80	31312	43005
75	34979	40669
70	37844	40292
65	39192	40772
60	40222	42017
55	39575	42077
50	38049	41006
45	35951	37961

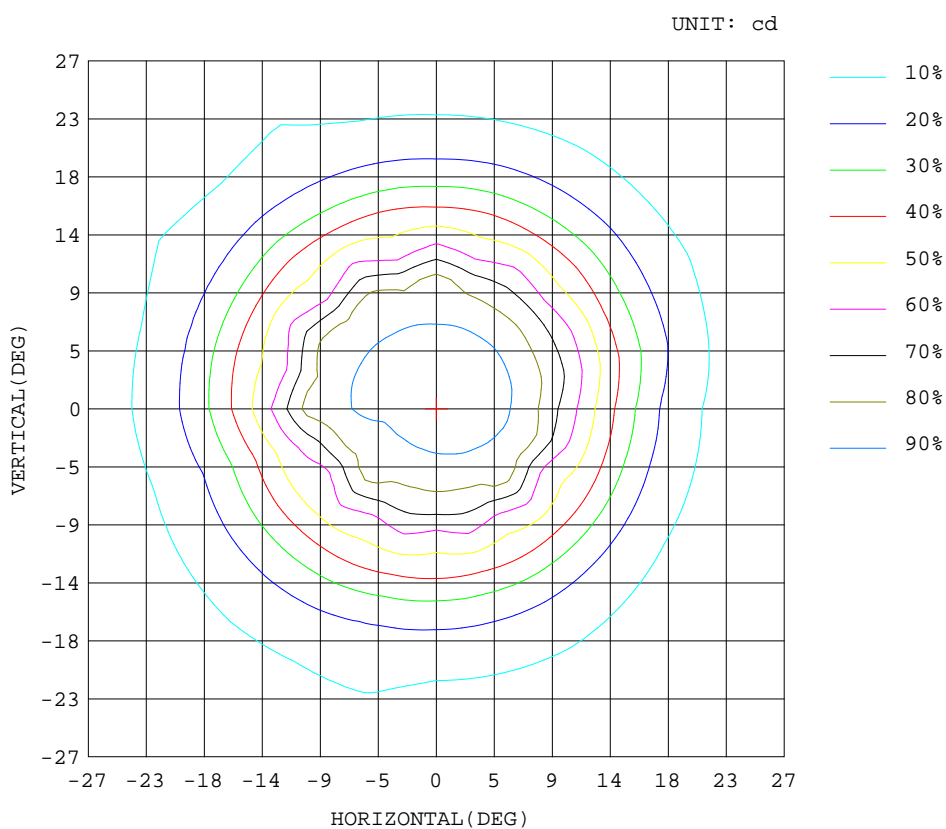
Test System:HOPOO HPG1800  
 Temperature:25.3DEG  
 Operators:  
 Test Date:01-09-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)  
 Humidity:65.0%  
 Test Distance:6.000 m  
 Remarks:

## ISOCANDELA DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-600W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:



Test System:HOPOO HPG1800  
Temperature:25.3DEG  
Operators:  
Test Date:01-09-2020

Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:6.000 m  
Remarks: