

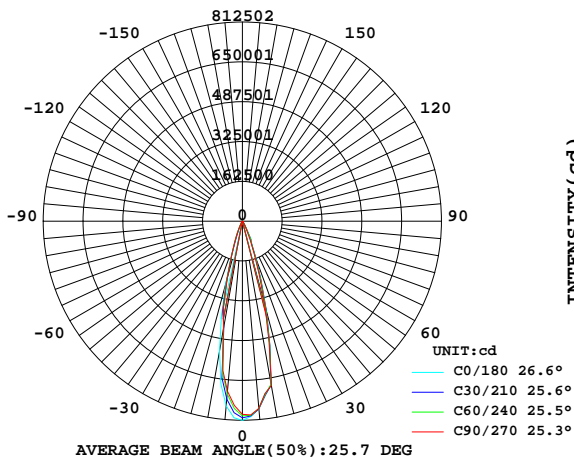
## LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

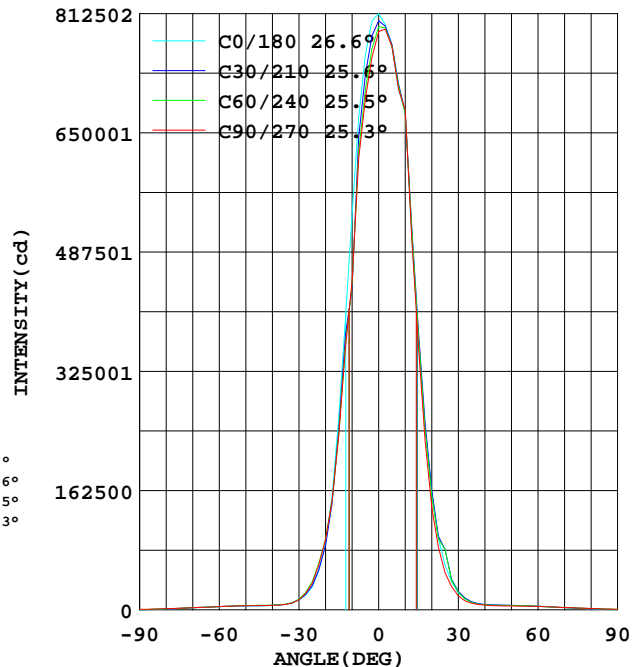
MANUFACTURER:	Address:		
NAME: LSHM-1200W-LV (50K)PLUS 20	TYPE:	WEIGHT:	
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	812502	S/MH(C0/180)	0.40
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.38
NOMINAL POWER(W)	1200	TOTAL FLUX(lm)	198083	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	165.8	Current(A)	5.698
NOMINAL FLUX(lm)	198083.0	$\eta$ up(%)	0.0	Power(W)	1195
LAMPS QUANTITY	1	$\eta$ down(%)	100.0	Power Factor(PF)	0.985
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	158704.9	EI	0.103

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-1200W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:

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Temperature:25.3DEG  
Operators:  
Test Date:01-09-2020

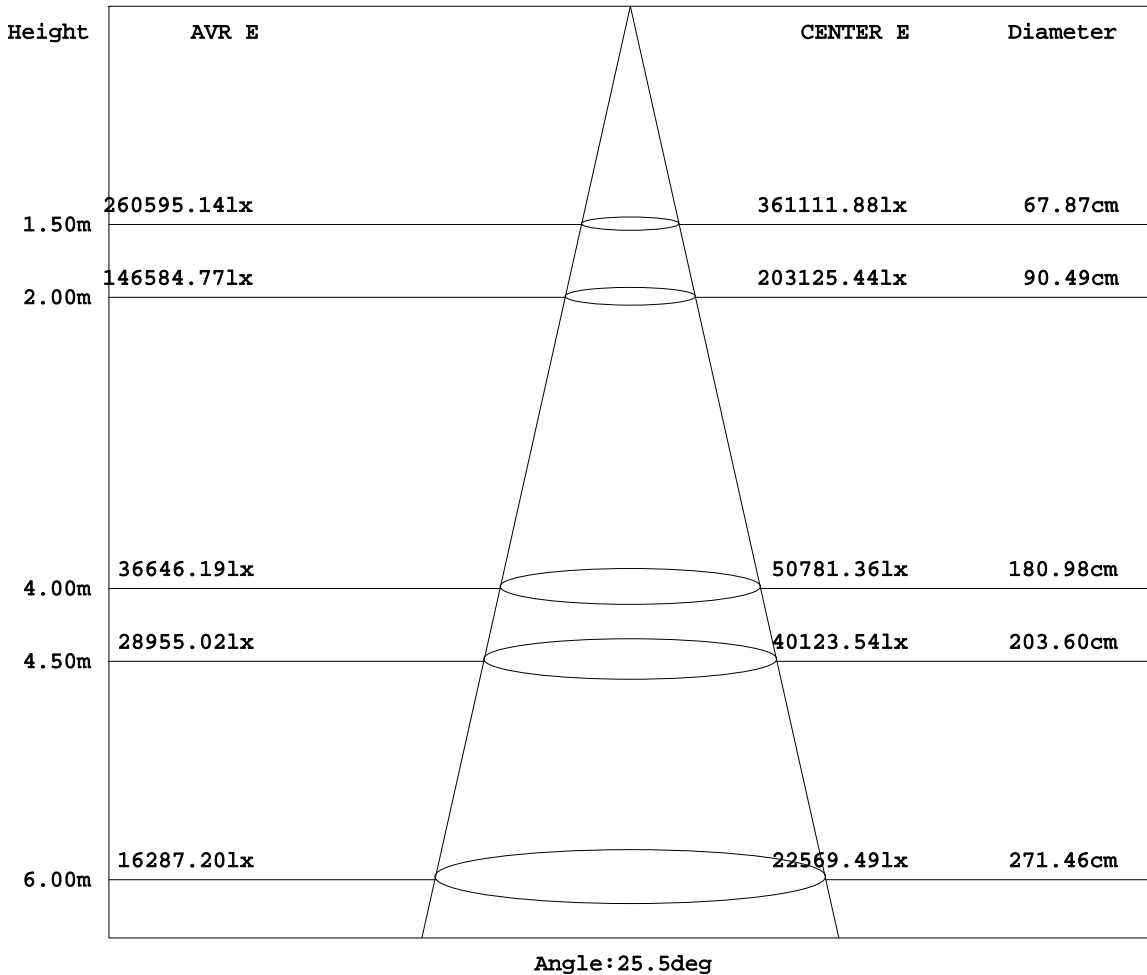
Test Set: 8.0deg/s C-Gamma (TYPE C)  
Humidity:65.0%  
Test Distance:6.000 m  
Remarks:

# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-LV (50K)PLUS 20	TYPE:	WEIGHT:
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:



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 Temperature:25.3DEG  
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# HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

## ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-1200W-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	7567	7165	6966	6999	7677	7703	7675	7690	0- 5	18313	18313
10.0	5394	5012	4482	5131	6800	6395	6810	6105	5- 10	46998	65312
15.0	2633	2412	2389	2804	3666	3817	3580	3435	10- 15	50369	115681
20.0	905.1	920.1	962.9	1254	1596	1640	1399	1414	15- 20	33780	149461
25.0	313.5	363.7	363.9	548.8	608.4	670.5	505.6	547.7	20- 25	17334	166795
30.0	136.0	144.6	139.4	227.6	231.0	265.9	189.6	219.4	25- 30	8127	174922
35.0	78.19	76.17	76.26	108.1	106.8	112.5	90.32	103.2	30- 35	3923	178845
40.0	59.93	64.76	61.52	78.54	72.12	73.27	65.59	69.62	35- 40	2587	181432
45.0	54.11	61.76	57.14	71.53	62.18	67.34	54.93	61.72	40- 45	2358	183791
50.0	52.06	58.86	56.11	65.56	58.63	64.42	52.67	58.53	45- 50	2403	186193
55.0	48.32	53.56	51.37	56.91	54.65	58.70	50.93	53.73	50- 55	2424	188618
60.0	42.81	45.69	44.72	47.75	47.30	50.47	46.09	47.25	55- 60	2302	190919
65.0	35.26	37.48	36.68	38.61	38.91	42.32	39.49	39.81	60- 65	2053	192972
70.0	27.55	29.60	29.33	30.31	30.23	33.33	32.02	31.43	65- 70	1723	194695
75.0	19.27	21.38	22.40	22.10	21.41	24.36	25.08	23.56	70- 75	1360	196055
80.0	11.57	13.86	15.89	14.57	13.88	17.47	18.85	17.28	75- 80	1003	197058
85.0	3.680	7.934	10.39	8.472	7.317	11.26	12.46	11.03	80- 85	664.7	197723
90.0	1.970	4.154	6.996	4.294	1.966	4.926	7.235	4.784	85- 90	359.8	198083
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  
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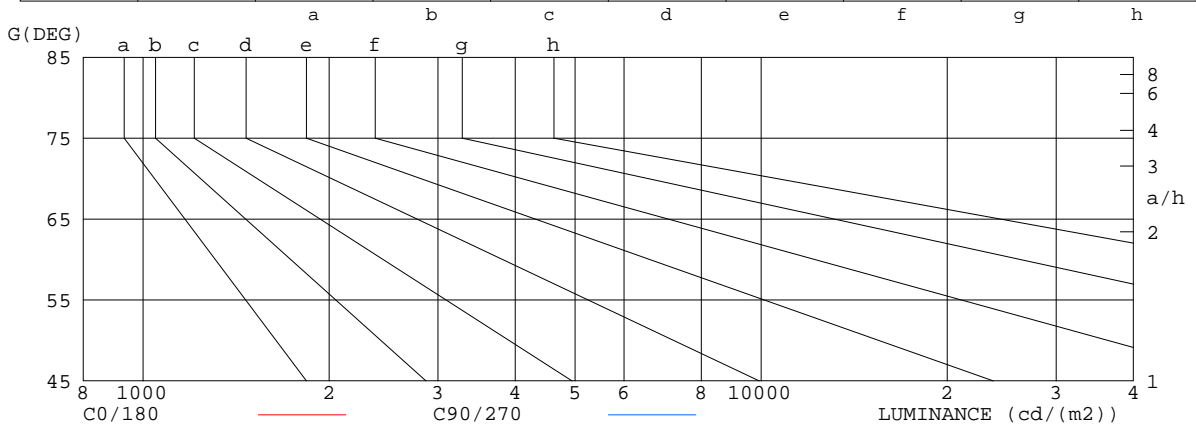
## LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:	Address:	
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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	42226	119324
80	66657	91551
75	74465	86578
70	80564	85775
65	83433	86796
60	85626	89447
55	84249	89575
50	80999	87296
45	76533	80813

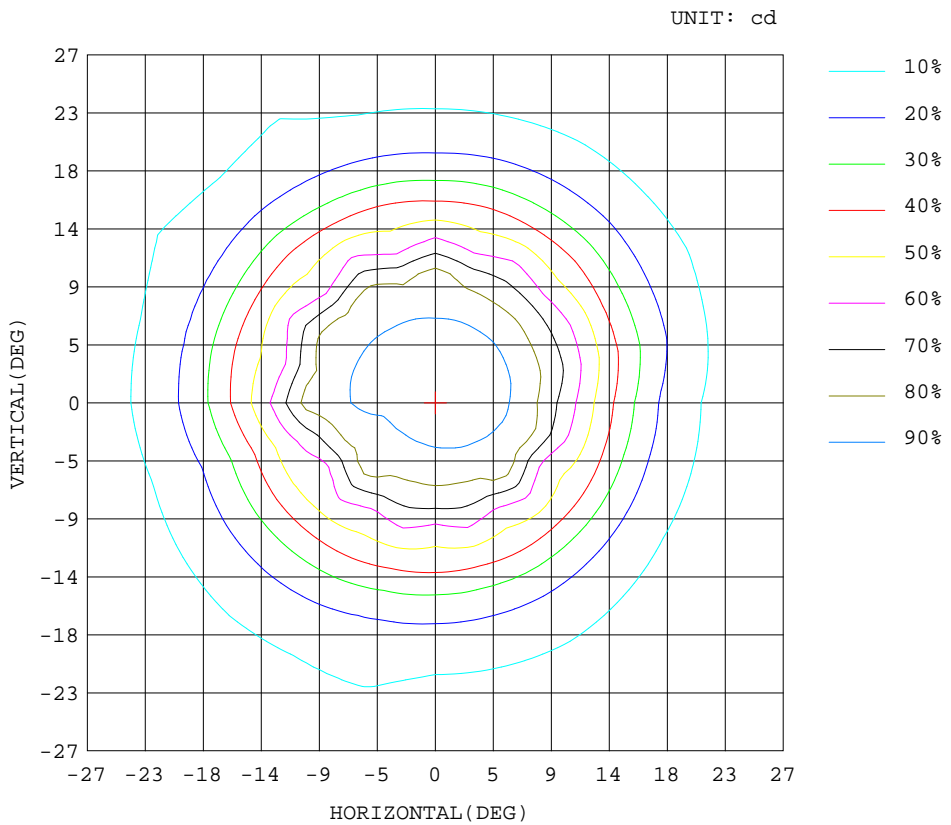
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 Temperature:25.3DEG  
 Operators:  
 Test Date:01-09-2020

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 Humidity:65.0%  
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 Remarks:

## ISOCANDELA DIAGRAM

Report number:

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NAME: LSHM-1200W-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%  
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Remarks: