

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

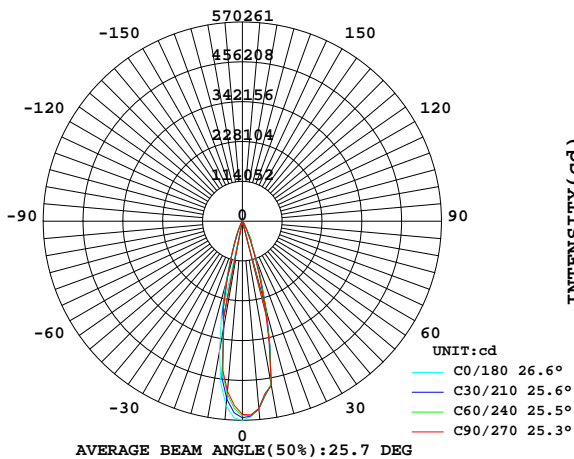
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

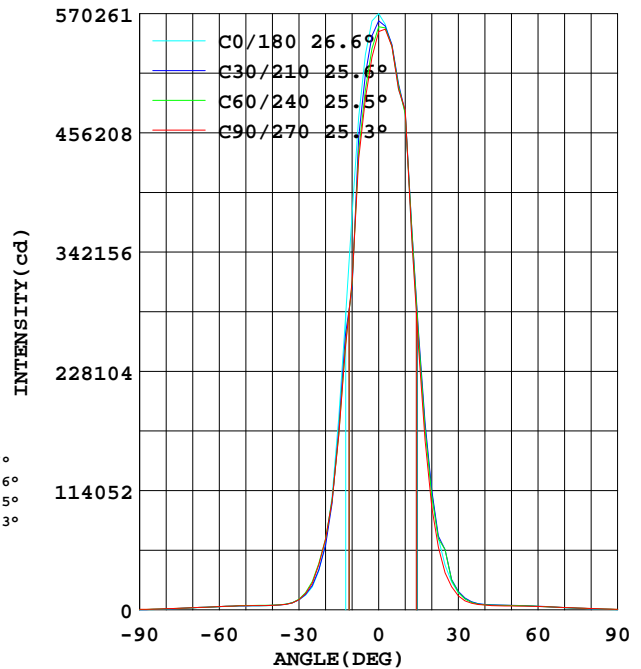
MANUFACTURER:	Address:		
NAME: LSHM-900W-LV (50K)PLUS 20	TYPE:	WEIGHT:	
SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:	

DATA OF LAMP		Imax(cd)	570261	S/MH(C0/180)	0.40
MODEL	5050	EFFICIENCY(%)	100.0	S/MH(C90/270)	0.38
NOMINAL POWER(W)	900	TOTAL FLUX(lm)	139026	Voltage(V)	219.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	154.9	Current(A)	4.120
NOMINAL FLUX(lm)	139026.0	η up(%)	0.0	Power(W)	897.5
LAMPS QUANTITY	1	η down(%)	100.0	Power Factor(PF)	0.985
TEST VOLTAGE(V)	219.7	Effective Flux(lm)	111388.3	EI	0.110

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:

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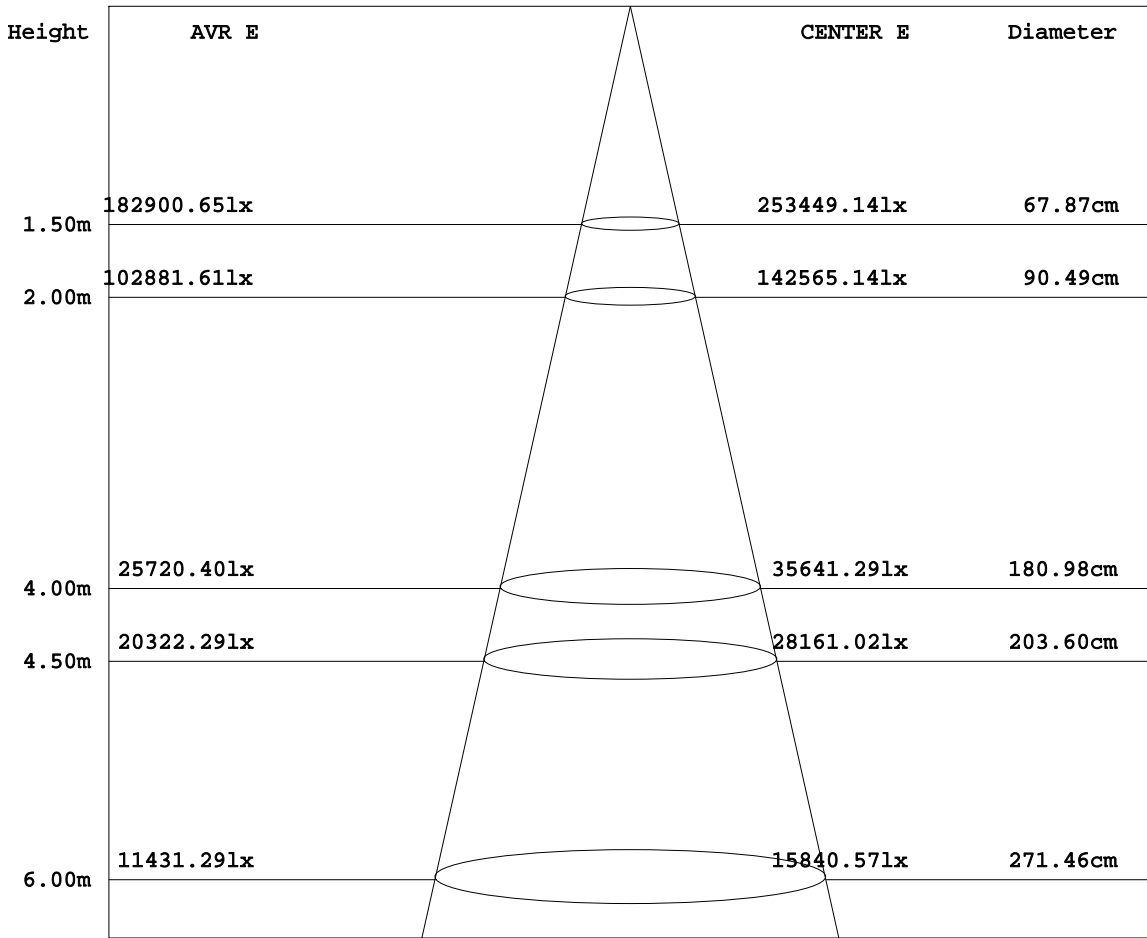
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Temperature:25.3DEG
Operators:
Test Date:01-09-2020

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MANUFACTURER:	Address:	
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SPECIFICATION:5000K 20	DIMENSION:	SERIAL No.:



Angle:25.5deg

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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HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSHM-900W-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	5311	5029	4889	4913	5388	5407	5387	5397	0- 5	12853	12853
10.0	3786	3518	3145	3601	4772	4489	4779	4285	5- 10	32986	45840
15.0	1848	1693	1677	1968	2573	2679	2513	2411	10- 15	35352	81192
20.0	635.2	645.7	675.8	880.2	1120	1151	981.6	992.0	15- 20	23709	104900
25.0	220.0	255.2	255.4	385.2	427.0	470.6	354.8	384.4	20- 25	12166	117066
30.0	95.51	101.5	97.89	159.7	162.1	186.6	133.1	154.0	25- 30	5704	122770
35.0	54.88	53.46	53.52	75.89	75.02	78.96	63.39	72.46	30- 35	2753	125524
40.0	42.06	45.45	43.17	55.12	50.62	51.42	46.03	48.86	35- 40	1816	127340
45.0	37.98	43.34	40.10	50.20	43.64	47.26	38.55	43.32	40- 45	1655	128995
50.0	36.54	41.31	39.38	46.02	41.15	45.21	36.97	41.08	45- 50	1686	130681
55.0	33.91	37.59	36.05	39.94	38.36	41.20	35.75	37.71	50- 55	1701	132383
60.0	30.04	32.06	31.38	33.51	33.20	35.42	32.35	33.16	55- 60	1615	133998
65.0	24.74	26.30	25.74	27.10	27.31	29.70	27.72	27.94	60- 65	1441	135439
70.0	19.33	20.77	20.59	21.27	21.22	23.39	22.47	22.06	65- 70	1209	136648
75.0	13.52	15.01	15.72	15.51	15.02	17.09	17.60	16.54	70- 75	954.7	137603
80.0	8.123	9.731	11.15	10.22	9.746	12.26	13.23	12.13	75- 80	704.0	138307
85.0	2.583	5.569	7.299	5.946	5.135	7.906	8.746	7.743	80- 85	466.5	138773
90.0	1.383	2.915	4.910	3.014	1.380	3.457	5.077	3.357	85- 90	252.5	139026
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		

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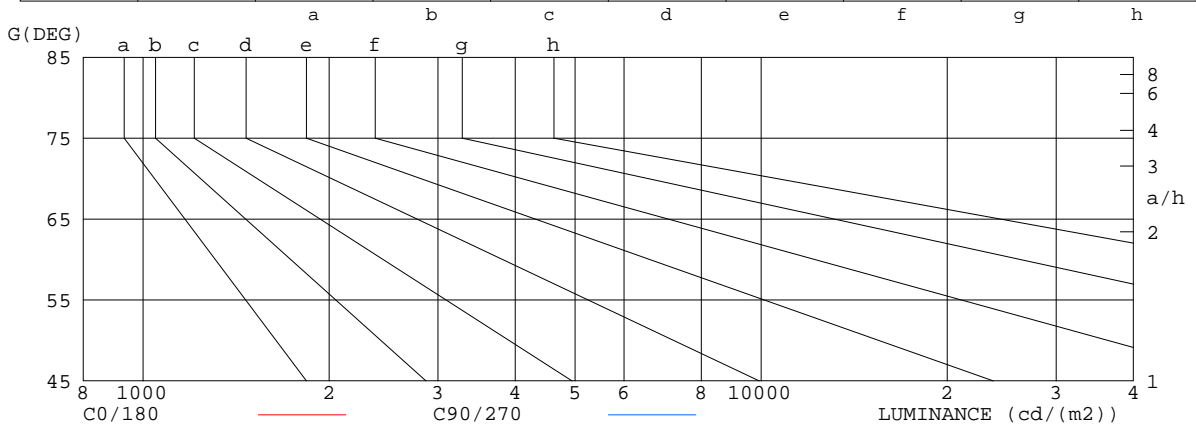
LUMINANCE LIMITATION CURVES

Report number:

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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	29637	83748
80	46784	64256
75	52264	60766
70	56545	60202
65	58558	60919
60	60097	62779
55	59131	62869
50	56850	61269
45	53715	56719

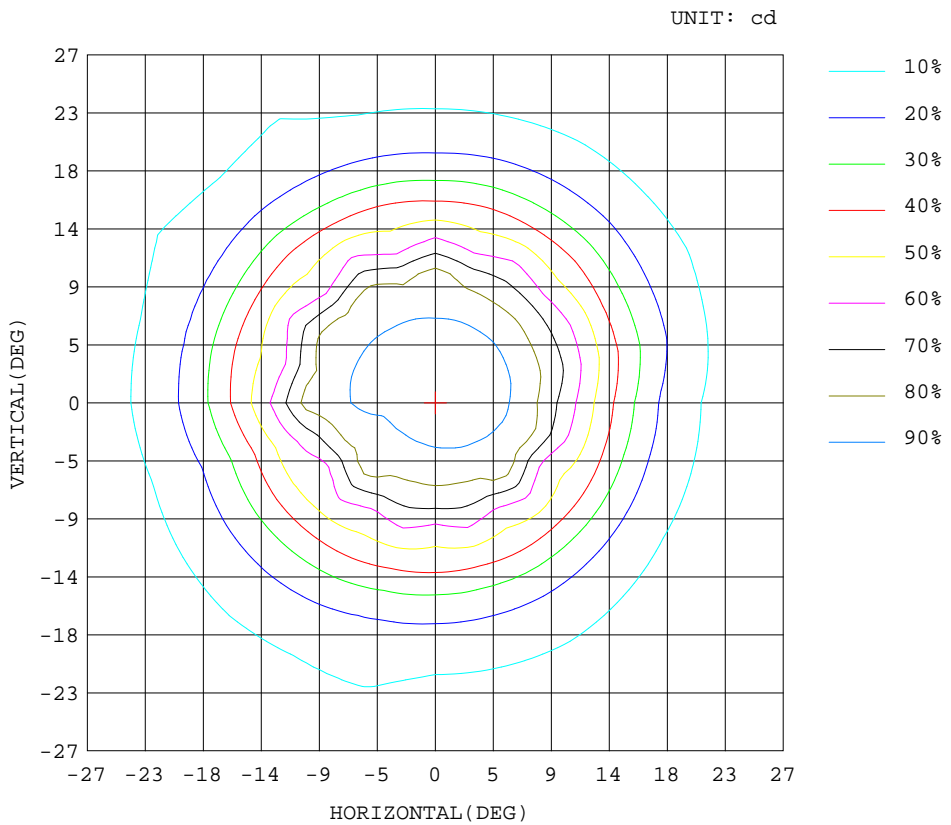
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