

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

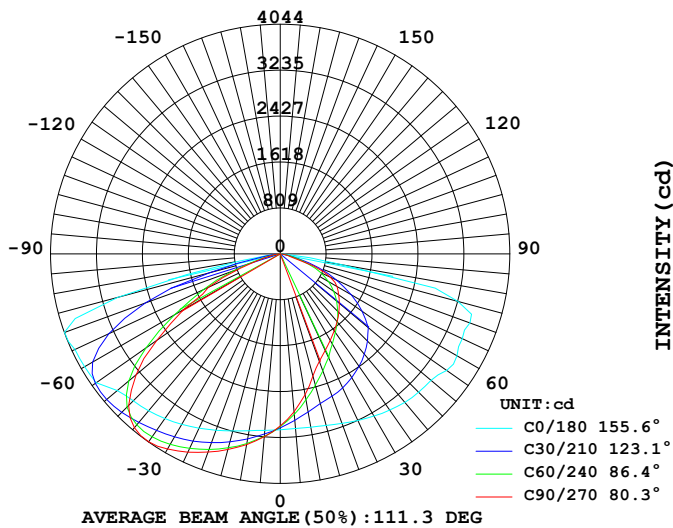
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

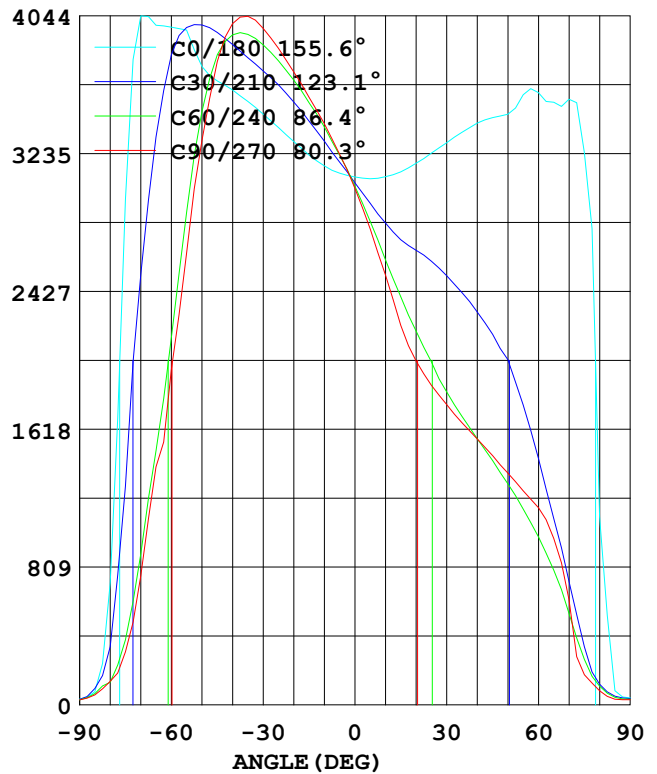
MANUFACTURER:		
Address:		
NAME: LSMSL-M90W-LV(40K)	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

DATA OF LAMP		Imax (cd)	4406	S/MH (C0/180)	1.75
MODEL	3030	EFFICIENCY (%)	100.0	S/MH (C90/270)	1.78
NOMINAL POWER (W)	86	TOTAL FLUX (lm)	11940	Voltage (V)	121.0
RATED VOLTAGE (V)	122	EFFICIENCY (lm/W)	138.8	Current (A)	0.711
NOMINAL FLUX (lm)	11940.5	η up (%)	0.0	Power (W)	86.00
LAMPS QUANTITY	1	η down (%)	100.0	Power Factor (PF)	0.998
TEST VOLTAGE (V)	121.0	Effective Flux (lm)	11731.7	EEL	0.100

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:10-13-2022

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

Color Temperature Data List

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Temperature:25.3DEG
Operators:
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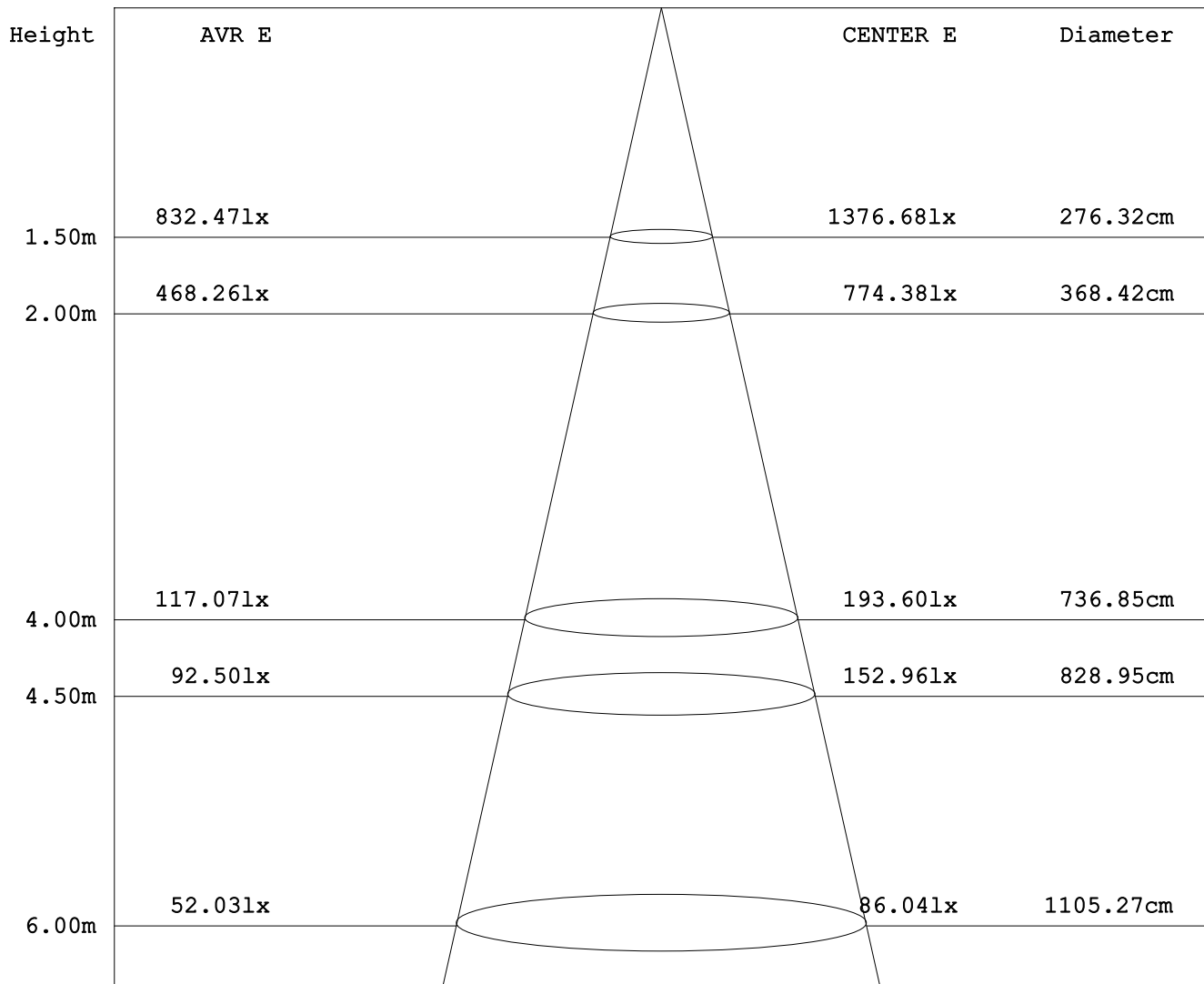
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:		
Address:		
NAME: LSMSL-M90W-LV(40K)	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:



Angle:85.3deg

Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:10-13-2022

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:		
Address:		
NAME: LSMSL-M90W-LV(40K)	TYPE:	WEIGHT:
SPECIFICATION:	DIMENSION:	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zOne	total
5.0	3120	3214	3232	3161	3088	2886	2793	2865	0- 5	72.65	72.65
10.0	3164	3357	3411	3290	3100	2716	2521	2703	5- 10	216.6	289.2
15.0	3227	3493	3566	3422	3128	2554	2228	2537	10- 15	357.6	646.8
20.0	3307	3604	3715	3539	3178	2413	2018	2383	15- 20	495.7	1143
25.0	3388	3703	3853	3637	3238	2266	1876	2225	20- 25	631.6	1774
30.0	3467	3795	3970	3728	3299	2095	1762	2055	25- 30	763.0	2537
35.0	3541	3879	4041	3804	3360	1928	1656	1897	30- 35	887.1	3424
40.0	3609	3932	3997	3853	3414	1777	1560	1755	35- 40	999.6	4424
45.0	3662	3924	3776	3837	3446	1613	1463	1599	40- 45	1091	5515
50.0	3747	3791	3312	3695	3466	1442	1360	1429	45- 50	1149	6664
55.0	3960	3466	2651	3372	3581	1257	1257	1239	50- 55	1163	7826
60.0	3977	2847	1969	2775	3593	1041	1157	1032	55- 60	1124	8950
65.0	3988	2244	1397	2237	3537	818.5	976.0	805.2	60- 65	1026	9976
70.0	4044	1286	757.9	1288	3554	548.2	617.3	495.9	65- 70	874.3	10851
75.0	2966	579.3	311.6	644.6	3241	267.4	177.0	229.5	70- 75	646.1	11497
80.0	716.2	178.7	138.8	283.9	1105	108.0	82.98	98.74	75- 80	332.0	11829
85.0	77.06	63.39	58.47	71.77	83.09	55.72	33.33	51.69	80- 85	86.87	11916
90.0	35.42	25.88	29.72	28.19	40.71	39.11	30.69	39.78	85- 90	24.77	11940
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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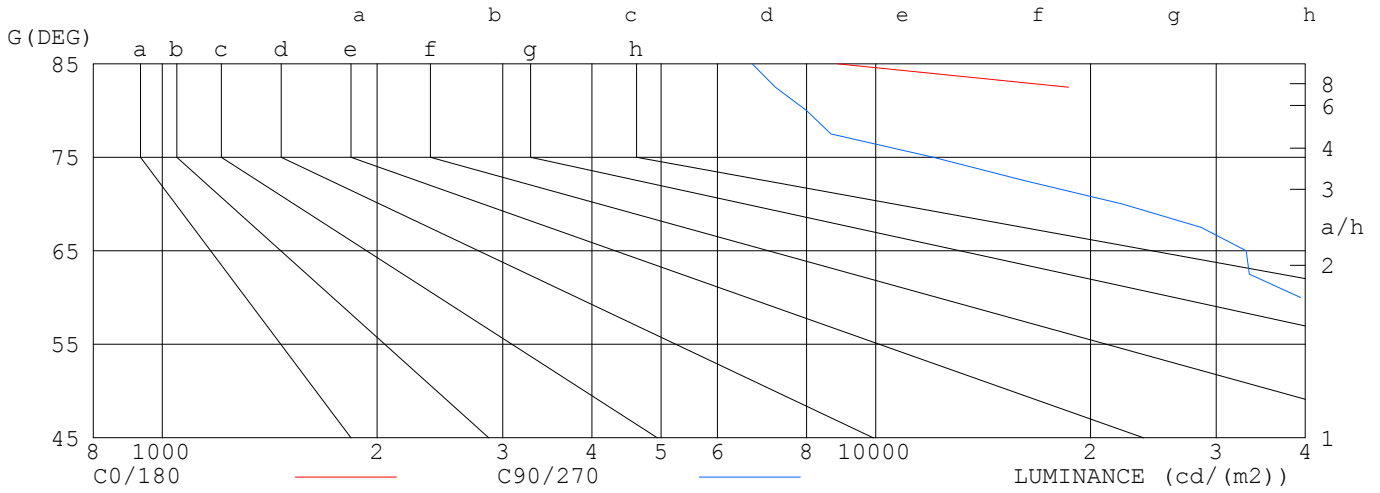
LUMINANCE LIMITATION CURVES

Report number:

MANUFACTURER:		
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NAME: LSMSL-M90W-LV(40K)	TYPE:	WEIGHT:
SPECIFICATION:	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



G (DEG)	LUMINANCE cd/ (m2)	
	C0/180	C90/270
85	8842	6710
80	41249	7999
75	114592	12040
70	118246	22162
65	94376	33049
60	79544	39387
55	69039	46219
50	58288	51533
45	51788	53401

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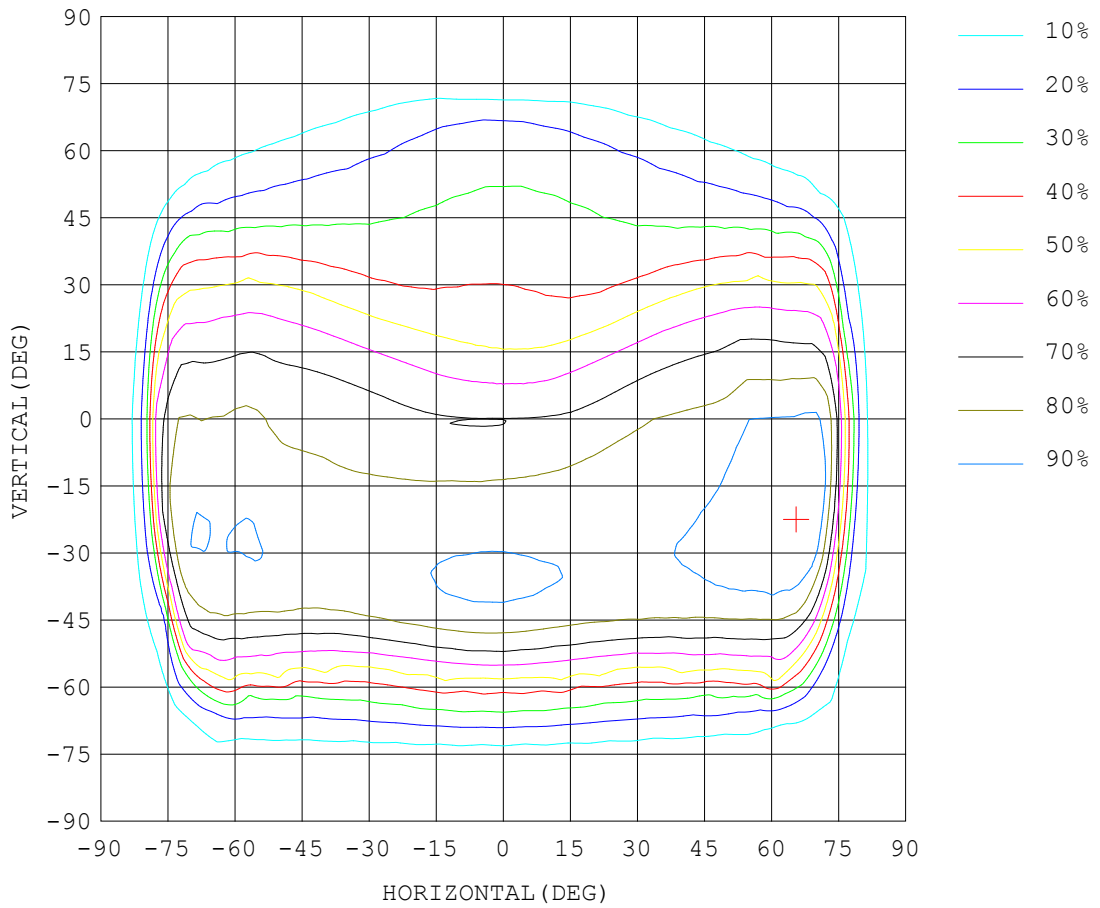
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ISOCANDELA DIAGRAM

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SPECIFICATION:	DIMENSION:	SERIAL No.:

UNIT: cd



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