

HOPOO GONIOPHOTOMETERS SYSTEM TEST REPORT

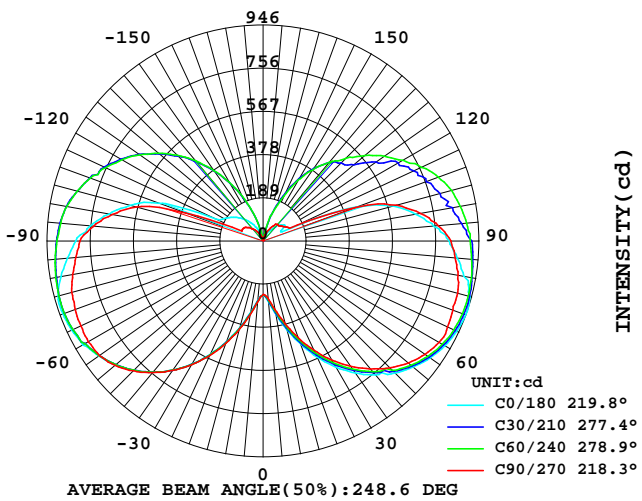
LUMINAIRE PHOTOMETRIC TEST REPORT

Report number:

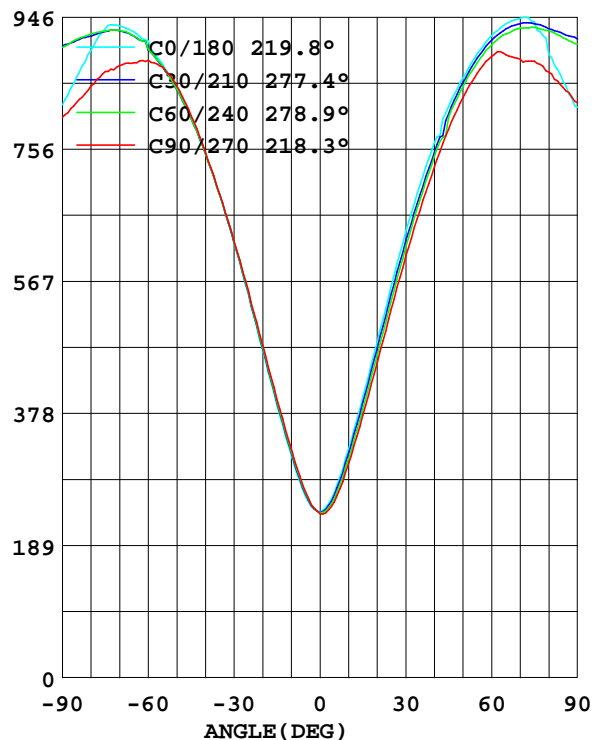
MANUFACTURER:	Address:	
NAME: LSCB-70W	TYPE:70W E40 6000K	WEIGHT:
SPECIFICATION:	DIMENSION: 106*280MM	SERIAL No.:

DATA OF LAMP		Imax(cd)	954.6	S/MH(C0/180)	3.25
MODEL	2835	EFFICIENCY(%)	100.0	S/MH(C90/270)	3.19
NOMINAL POWER(W)	68	TOTAL FLUX(lm)	8491.5	Voltage(V)	220.6
RATED VOLTAGE(V)	220	EFFICIENCY(lm/W)	124.0	Current(A)	0.315
NOMINAL FLUX(lm)	8491.5	η up(%)	40.1	Power(W)	68.48
LAMPS QUANTITY	1	η down(%)	59.9	Power Factor(PF)	0.985
TEST VOLTAGE(V)	220.6	Effective Flux(lm)	8465.7	EEL	0.110

LUMINOUS INTENSITY DISTRIBUTION



LUMINOUS INTENSITY DISTRIBUTION



Test System:HOPOO HPG1800
 Temperature:25.3DEG
 Operators:
 Test Date:2016.06.02

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

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Color Temperature Data List

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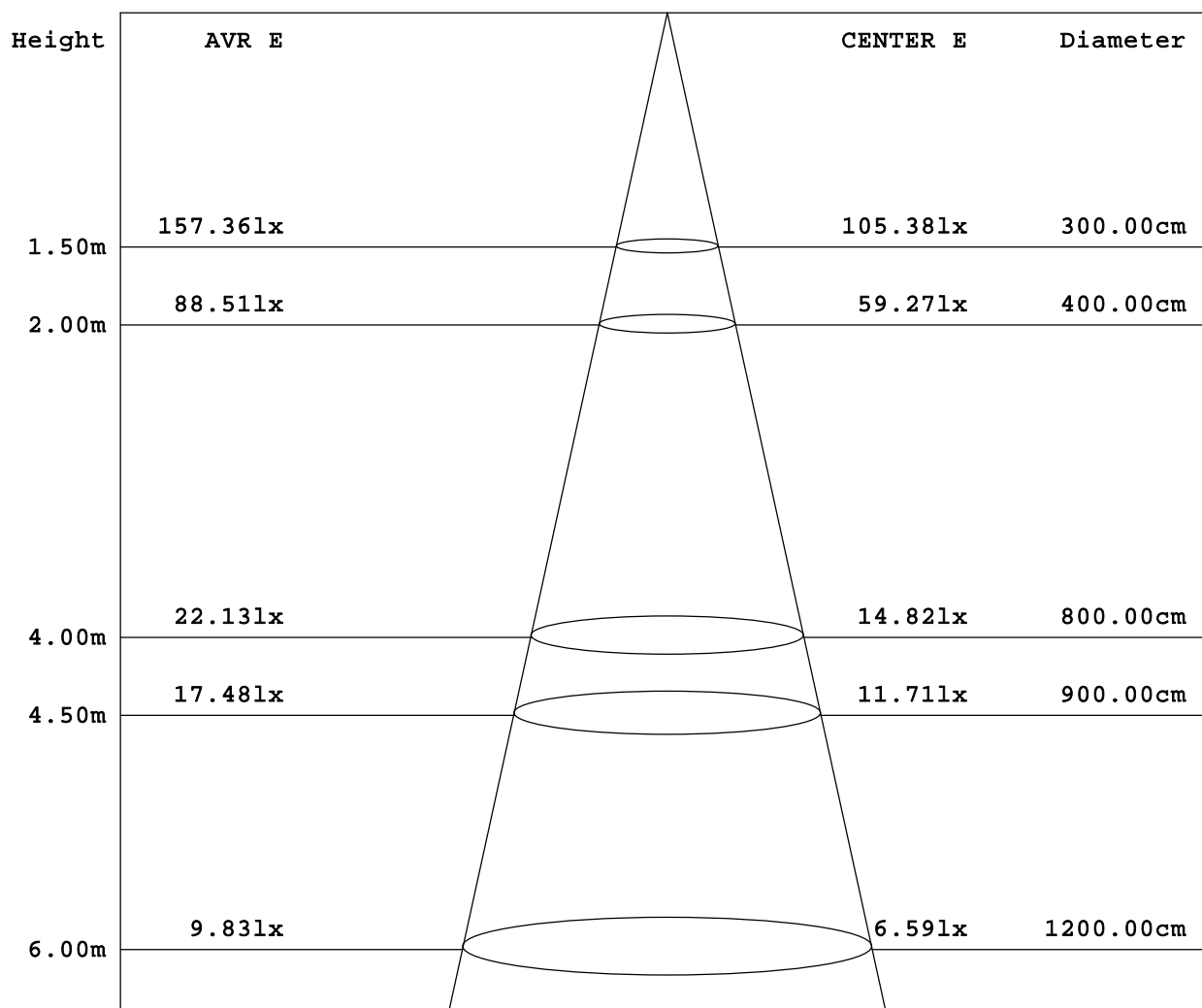
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AVERAGE AND CENTER E Figure

Report number:

MANUFACTURER:	Address:	
NAME: LSCB-70W	TYPE:70W E40 6000K	WEIGHT:
SPECIFICATION:	DIMENSION: 106*280MM	SERIAL No.:



Angle:90.0deg

Test System:HOPOO HPG1800
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 Operators:
 Test Date:2016.06.02

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ZONAL FLUX DIAGRAM

Report number:

MANUFACTURER:	Address:	
NAME: LSCB-70W	TYPE:70W E40 6000K	WEIGHT:
SPECIFICATION:	DIMENSION: 106*280MM	SERIAL No.:

γ	C0	C45	C90	C135	C180	C225	C270	C315	γ	zone	total
5.0	259.7	266.3	266.0	268.9	264.5	255.9	251.2	247.6	0- 5	5.935	5.935
10.0	318.5	328.0	327.7	331.3	326.1	313.3	305.6	299.3	5- 10	20.79	26.72
15.0	389.3	400.2	398.1	402.5	401.9	386.6	375.7	368.0	10- 15	42.16	68.89
20.0	468.4	479.9	476.8	480.3	479.8	463.5	450.1	441.1	15- 20	70.90	139.7
25.0	548.2	558.8	553.8	557.0	561.2	543.8	527.7	518.4	20- 25	106.4	246.2
30.0	620.9	631.8	624.6	626.4	638.3	620.0	602.7	592.4	25- 30	147.6	393.9
35.0	690.8	701.2	691.7	691.8	705.6	688.2	669.1	658.4	30- 35	192.6	586.5
40.0	751.3	762.2	753.0	749.7	765.9	752.3	731.9	719.3	35- 40	239.5	826.0
45.0	800.5	816.2	804.1	799.7	817.3	809.3	784.9	771.8	40- 45	286.2	1112
50.0	843.4	859.8	847.2	839.9	858.4	854.5	830.4	815.4	45- 50	332.3	1445
55.0	878.4	894.0	874.5	871.5	893.9	891.8	865.6	850.4	50- 55	374.3	1819
60.0	912.0	919.0	883.9	893.0	918.8	921.9	889.0	877.0	55- 60	411.3	2230
65.0	924.5	936.6	880.2	906.9	936.0	940.0	891.8	893.3	60- 65	442.2	2673
70.0	933.2	946.2	875.9	912.8	943.9	949.5	885.2	905.9	65- 70	465.4	3138
75.0	929.4	945.4	867.9	911.1	938.9	950.5	882.5	906.6	70- 75	481.9	3620
80.0	897.8	938.7	847.4	907.1	892.6	944.1	867.0	901.7	75- 80	490.1	4110
85.0	859.4	930.4	823.3	892.1	853.5	933.5	844.7	892.4	80- 85	490.6	4601
90.0	820.4	919.6	802.4	885.2	816.4	917.8	822.8	882.6	85- 90	485.7	5087
95.0	760.2	909.3	744.0	872.4	750.6	908.4	770.7	875.8	90- 95	475.0	5562
100.0	685.1	883.1	671.2	856.2	678.2	896.0	700.4	861.4	95-100	454.1	6016
105.0	605.7	859.2	576.6	827.9	592.5	860.1	606.8	840.5	100-105	424.8	6441
110.0	487.0	814.7	358.9	789.5	438.9	768.2	433.3	802.3	105-110	385.5	6826
115.0	234.9	773.4	102.9	750.4	141.4	733.3	166.1	762.0	110-115	333.5	7160
120.0	197.8	728.3	104.3	707.2	90.32	685.2	122.3	720.4	115-120	286.3	7446
125.0	179.7	669.8	101.8	651.3	116.5	627.3	111.1	673.1	120-125	248.9	7695
130.0	162.1	602.7	93.67	585.1	108.5	542.4	103.4	608.9	125-130	209.7	7905
135.0	142.9	535.8	83.77	525.9	98.56	483.4	96.87	549.6	130-135	171.4	8076
140.0	123.8	463.5	69.29	450.5	79.09	447.5	96.08	481.7	135-140	137.1	8213
145.0	102.3	384.3	56.52	377.8	58.93	379.6	83.51	406.1	140-145	104.9	8318
150.0	81.25	302.2	44.60	298.3	49.24	295.9	67.21	331.1	145-150	75.49	8394
155.0	60.80	218.8	32.83	217.3	37.83	235.9	48.77	250.7	150-155	49.85	8444
160.0	42.76	140.4	21.99	140.5	30.56	167.9	32.07	170.4	155-160	29.25	8473
165.0	25.19	66.77	9.144	68.29	19.11	94.28	19.65	91.62	160-165	13.86	8487
170.0	5.724	6.048	5.616	13.32	3.996	35.78	4.824	36.07	165-170	4.073	8491
175.0	5.004	3.816	5.400	3.528	3.600	6.984	4.140	6.768	170-175	0.546	8491
180.0	4.392	4.068	4.752	3.708	3.960	5.616	4.248	5.328	175-180	0.116	8492
DEG	LUMINOUS INTENSITY:cd									UNIT:lm	

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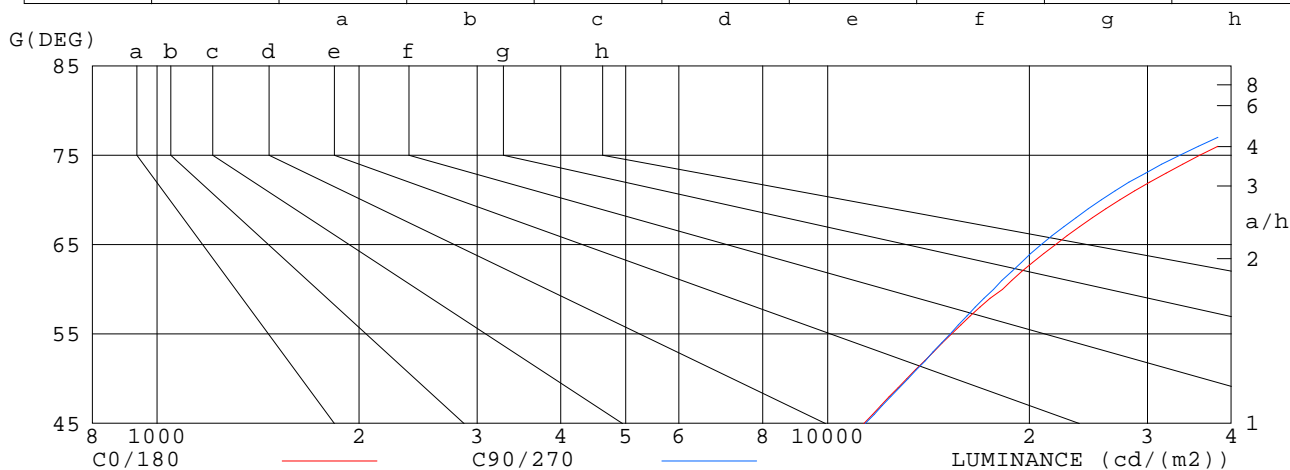
LUMINANCE LIMITATION CURVES

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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	98612	94470
80	51705	48802
75	35913	33535
70	27286	25611
65	21878	20828
60	18240	17679
55	15315	15247
50	13122	13182
45	11322	11372

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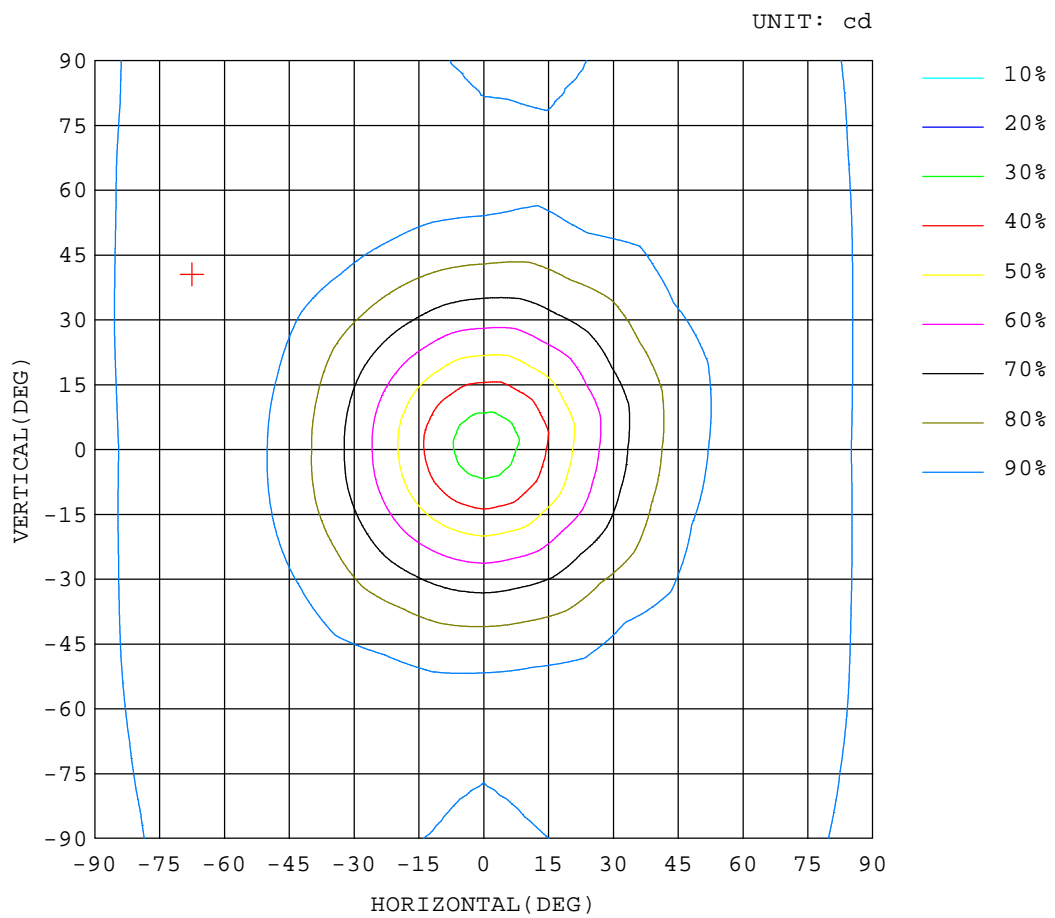
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ISOCANDELA DIAGRAM

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