

0hr HOUR RESULTS

	Lp. #	Volts	Amps	Watts	pf (≥.7)	0hr Hr. Lumens	CCT	CRI (≥80)	R9 (>0)	Sph Temp	x Value	y Value	u' Value	v' Value	Duv	7-Step Color Compliance	LPW (>55)
Base Up	P-50303-1	120.0	0.088	9.9	0.939	801	2799	83.0	20.3	25.0	0.4486	0.4025	0.2588	0.5225	-0.0020	PASS	80.6
	P-50303-2	120.0	0.089	10.0	0.939	796	2787	83.3	21.2	25.1	0.4492	0.4022	0.2594	0.5225	-0.0022	PASS	79.5
	P-50303-3	120.0	0.089	10.1	0.940	833	2781	83.1	20.3	25.2	0.4504	0.4035	0.2595	0.5232	-0.0018	PASS	82.8
	P-50303-4	120.0	0.089	10.1	0.939	763	2882	83.5	21.8	24.9	0.4426	0.4010	0.2556	0.5210	-0.0019	FAIL	76.0
	P-50303-5	120.0	0.087	9.9	0.943	795	2782	83.2	21.0	25.0	0.4494	0.4023	0.2594	0.5226	-0.0022	PASS	80.3

	Lp. #	Volts	Amps	Watts	pf (≥.7)	0hr Hr. Lumens	CCT	CRI (≥80)	R9 (>0)	Sph Temp	x Value	y Value	u' Value	v' Value	Duv	7-Step Color Compliance	LPW (>55)
Base Down	P-50303-6	120.0	0.088	9.9	0.938	852	2727	82.9	19.8	25.0	0.4540	0.4034	0.2619	0.5237	-0.0022	PASS	86.3
	P-50303-7	120.0	0.090	10.2	0.938	842	2752	82.8	19.6	25.1	0.4526	0.4040	0.2608	0.5237	-0.0018	PASS	82.9
	P-50303-8	120.0	0.089	10.1	0.942	880	2693	82.7	19.0	25.2	0.4567	0.4040	0.2634	0.5243	-0.0022	PASS	87.3
	P-50303-9	120.0	0.089	10.0	0.942	855	2715	82.9	19.9	25.1	0.4546	0.4030	0.2625	0.5236	-0.0024	PASS	85.3
	P-50303-10	120.0	0.088	10.0	0.942	863	2717	82.8	19.4	25.1	0.4549	0.4039	0.2623	0.5240	-0.0021	PASS	86.5
Grand AVG.		119.96	0.0887	10.01	0.940	828	2764	83	20	25.1	0.4513	0.4030	0.2604	0.5231	-0.0021		82.7
Compliance					Complies	TBD	Complies	Complies	Complies						Complies	Complies	Complies

LUMEN & COLOR MAINTENANCE

LIFE TESTING

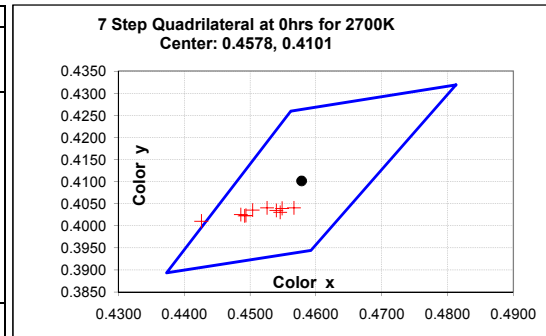
	Date:	N-N													N-N		
	Lp. #	1000 Hr. Lumens	1000 Hr. Lumen Maint.	1000 Hr. u' Color Maint.	1000 Hr. v' Color Maint.	3000 Hr. Lumens	3000 Hr. Lumen Maint.	3000 Hr. u' Color Maint.	3000 Hr. v' Color Maint.	6000 Hr. Lumens	6000 Hr. Lumen Maint.	6000 Hr. u' Color Maint.	6000 Hr. v' Color Maint.	N-N	N-N	Failure before 6000hours	Failure before Rated Life
Base Up	P-50303-1																
	P-50303-2																
	P-50303-3																
	P-50303-4																
	P-50303-5																
Base Down	P-50303-6																
	P-50303-7																
	P-50303-8																
	P-50303-9																
	P-50303-10																
Grand AVG.																	
Compliance		TBD	TBD	TBD		TBD	TBD	TBD		TBD	TBD	TBD		TBD			

Date:	
Lp. #	* Transient Protection PASS/FAIL
T-50303-1	
T-50303-2	
T-50303-3	
T-50303-4	
T-50303-5	
Compliance	TBD

Date:	
Lp. #	* Ballast Freq (≥120 Hz)
N-N	
Compliance	

Date:	
Lp. #	* Noise (dbA)
N-N	

Date:	
Lp. #	Rapid Cycles Endured
R-50303-1	
R-50303-2	
R-50303-3	
R-50303-4	
R-50303-5	
R-50303-6	
R-50303-7	
R-50303-8	
R-50303-9	
R-50303-10	
Compliance	TBD



Technician: Lin Shuangyan

Date: 2013-06-20

Reviewed by: Liao Bingjing

Date: 2013-06-24

* THIS REPORT CONTAINS DATA THAT IS NOT COVERED BY THE NVLAP ACCREDITATION

No.61, Kaijiang Road(E) Sijing Songjiang Shanghai Tel: (86-21) 57613930 Fax: (86-21) 57619961

TEST REPORT

PO Number:LED0303

Model Number:LED11A19D27K

Light Intensity & Color Distribution Tests

Electrical Characteristics:

LP#	Volt	Ampere	pf	Watts
D-50303-01	120.0	0.0891	0.938	10.0

Zonal Lumen Flux:

γ angle (°)	Φ zonal(lm)	Φ Cumulative(lm)	% Cumulative Lumen
0-5	2	2.2	0.3%
5-10	7	8.9	1.1%
10-15	11	19.9	2.5%
15-20	15	35.2	4.4%
20-25	19	54.6	6.9%
25-30	23	78.1	9.9%
30-35	27	105.3	13.3%
35-40	31	136.0	17.2%
40-45	34	169.8	21.4%
45-50	36	206.2	26.0%
50-55	39	244.8	30.9%
55-60	40	285.1	36.0%
60-65	41	326.4	41.2%
65-70	42	368.2	46.5%
70-75	42	409.9	51.7%
75-80	41	450.9	56.9%
80-85	40	490.8	62.0%
85-90	38	529.1	66.8%
90-95	36	565.3	71.4%
95-100	34	599.1	75.6%
100-105	31	630.3	79.6%
105-110	28	658.6	83.1%
110-115	25	683.8	86.3%
115-120	22	706.0	89.1%
120-125	19	725.1	91.5%
125-130	16	741.3	93.6%
130-135	13	754.8	95.3%
135-140	11	765.6	96.7%
140-145	9	774.1	97.7%
145-150	6	780.6	98.5%
150-155	5	785.3	99.1%
155-160	3	788.5	99.5%
160-165	2	790.6	99.8%
165-170	1	791.8	100.0%
170-175	0	792.2	100.0%
175-180	0	792.2	100.0%

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TEST REPORT

PO Number:LED0303

Model Number:LED11A19D27K

Light Intensity & Color Distribution Tests

Light Intensity Distribution Data Table (Type C)

LP#:D-50303-01

γ Angle (°)	C Planes																																										
	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	350							
0	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93	93					
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