

# Dimming Test Report

# 4.8W 12V

**Model:** B3528-12V-60-8mm-4.8W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-25W-ELV-HW-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	25	Lutron	12in	1.00	1pc	1ft	8	0	0.857	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	1107	16	1137	1.4%	102.7%		3368	0.057	0.067				Pass	1.012	Pass	1.000	
F	A9	DVCL-153P	To Do	1107	353	1141	31.9%	103.1%		3324	0.052	0.09				Pass	0.702	Pass	1.000	
F	A10	CTCL-153P	To Do	1107	90	1089	8.1%	98.4%		3179	0.055	0.078				Pass	0.904	Pass	1.000	
F	B1	DVCL-253P	To Do	1107	36	1080	3.3%	97.6%		3191	0.056	0.082				Pass	0.944	Pass	1.000	
F	B2	AYCL-253P	To Do	1107	74	1103	6.7%	99.6%		3240	0.06	0.078				Pass	0.930	Pass	1.000	
R	B6	DVELV-300P	N/A	1107	174	1106	15.7%	99.9%		3169	0.06	0.096				Pass	0.842	Pass	1.000	
R	B7	SELV-300P	N/A	1107	265	1100	23.9%	99.4%		3182	0.063	0.1				Pass	0.756	Pass	1.000	
R	B8	MACL-153P	N/A	1107	74	1092	6.7%	98.6%		3312	0.056	0.082				Pass	0.921	Pass	1.000	

1107

0.857

1.000

# Dimming Test Report

# 4.8W 12V

**Model:** B3528-12V-60-8mm-4.8W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-50W-ELV-HW-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	50	Lutron	12in	1.00	1pc	12in	7	1	0.862	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	1017	58	985	5.7%	96.9%		3217	0.06	0.07				Pass	0.913	Pass	1.000	
F	A9	DVCL-153P	To Do	1017	28	1013	2.8%	99.6%		3150	0.06	0.09				Pass	0.969	Pass	1.000	
F	A10	CTCL-153P	To Do	1017	35	998	3.4%	98.1%		3256	0.06	0.08				Pass	0.948	Pass	1.000	
F	B1	DVCL-253P	To Do	1017	61	1021	6.0%	100.4%		3381	0.06	0.08				Pass	0.944	Pass	1.000	
F	B2	AYCL-253P	To Do	1017	35	1006	3.4%	98.9%		3224	0.06	0.07				Pass	0.955	Pass	1.000	
R	B6	DVELV-300P	N/A	1017	360	997	35.4%	98.0%		3319	0.07	1				Fail	0.633	Pass	1.000	
R	B7	SELV-300P	N/A	1017	331	1010	32.5%	99.3%		3290	0.06	0.11				Pass	0.670	Pass	1.000	Dimming pour baisser la luminosite tardif et irregulie compare a l aller
R	B8	MACL-153P	N/A	1017	77	1008	7.6%	99.1%		3202	0.06	0.07				Pass	0.916	Pass	1.000	

1017

0.862

1.000

# Dimming Test Report

# 4.8W 12V

**Model:** B3528-12V-60-8mm-4.8W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-120W-ELV-HW-IP67-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	120	Lutron	12in	1.00	1pc	12in	8	0	0.881	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments	
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)									
R	A2	PD-6WCL	N/A	1003	28	968	2.8%	96.5%		3240	0.05	0.08				Pass	0.938	Pass	1.000		
F	A9	DVCL-153P	To Do	1003	49	1000	4.9%	99.7%		3235	0.06	0.1				Pass	0.948	Pass	1.000		
F	A10	CTCL-153P	To Do	1003	58	987	5.8%	98.4%		3197	0.05	0.09				Pass	0.927	Pass	1.000		
F	B1	DVCL-253P	To Do	1003	76	957	7.6%	95.4%		3155	0.05	0.1				Pass	0.882	Pass	1.000		
F	B2	AYCL-253P	To Do	1003	45	966	4.5%	96.3%		3116	0.06	0.09				Pass	0.920	Pass	1.000		
R	B6	DVELV-300P	N/A	1003	190	980	18.9%	97.7%		3203	0.06	0.09				Pass	0.792	Pass	1.000		
R	B7	SELV-300P	N/A	1003	227	989	22.6%	98.6%		3221	0.06	0.09				Pass	0.763	Pass	1.000	12Po dimming baisse tardivement	
R	B8	MACL-153P	N/A	1003	33	969	3.3%	96.6%		3261	0.06	0.08				Pass	0.934	Pass	1.000		
				<b>1003</b>													<b>0.881</b>	<b>1.000</b>			

# Dimming Test Report

# 4.8W 12V

**Model:** B3528-12V-60-8mm-4.8W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-200W-ELV-HW-IP67-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	200	Lutron	12in	1.00	1pc	12in	7	1	0.797	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	979	68	999	6.9%	102.0%		3196	0.13	0.15				Pass	0.950	Pass	1.000	
F	A9	DVCL-153P	To Do	979	48	966	4.9%	98.7%		3217	0.11	0.41				Pass	0.938	Pass	1.000	
F	A10	CTCL-153P	To Do	979	22	968	2.2%	98.9%		3255	0.14	0.28				Pass	0.967	Pass	1.000	
F	B1	DVCL-253P	To Do	979	23	973	2.3%	99.4%		3134	0.09	0.31				Pass	0.971	Pass	1.000	
F	B2	AYCL-253P	To Do	979	29	968	3.0%	98.9%		3182	0.12	0.15				Pass	0.959	Pass	1.000	
R	B6	DVELV-300P	N/A	979	216	969	22.1%	99.0%		3165	0.11	0.17				Pass	0.771	Pass	1.000	low range pour dimming descendant
R	B7	SELV-300P	N/A	979	933	986	95.3%	100.7%		3181	0.11	0.17				Fail	0.047	Pass	1.000	low range pour dimming descendant
R	B8	MACL-153P	N/A	979	65	969	6.6%	99.0%		3185	0.08	0.12				Pass	0.924	Pass	1.000	

979

0.797

1.000

# Dimming Test Report

# 9.6W 12V

**Model:** B3528-12V-120-8mm-9.6W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-200W-ELV-HW-IP67-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	200	Lutron	669in	1.00	1pc	OVERLOAD	7	1	0.813	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	1157	29	1196	2.5%	103.4%		3297	0.23	2.83				Pass	1.008	Pass	1.000	
F	A9	DVCL-153P	To Do	1157	10	1176	0.9%	101.6%		3247	0.37	2.94				Pass	1.008	Pass	1.000	4 strip // leger changement d intensite qunad low dim
F	A10	CTCL-153P	To Do	1157	29	1190	2.5%	102.9%		3199	0.29	2.85				Pass	1.003	Pass	1.000	4 strip // leger changement d intensite qunad low dim
F	B1	DVCL-253P	To Do	1157	34	1179	2.9%	101.9%		3333	0.5	2.93				Pass	0.989	Pass	1.000	4 strip // leger changement d intensite qunad low dim
F	B2	AYCL-253P	To Do	1157	39	1174	3.4%	101.5%		3283	0.22	2.8				Pass	0.980	Pass	1.000	4 strip // leger changement d intensite qunad low dim
R	B6	DVELV-300P	N/A	1157	237	1206	20.5%	104.2%		3293	1.76	2.69				Pass	0.829	Pass	1.000	
R	B7	SELV-300P	N/A	1157	208	1180	18.0%	102.0%		3216	1.47	2.7				Pass	0.837	Pass	1.000	dimming range en descente court
R	B8	MACL-153P	N/A	1157	1106	1188	95.6%	102.7%		3378	0.57	2.81				Fail	0.045	Pass	1.000	

1157

0.813

1.000

# Dimming Test Report

# 9.6W 12V

**Model:** B3528-12V-120-8mm-9.6W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-25W-ELV-HW-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	25	Lutron	78in	1.00	1pc	78in	8	0	0.918	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	2748	83	2708	3.0%	98.5%		3172	0.09	0.32				Pass	0.956	Pass	1.000	
F	A9	DVCL-153P	To Do	2748	106	2709	3.9%	98.6%		3195	0.09	0.4				Pass	0.948	Pass	1.000	
F	A10	CTCL-153P	To Do	2748	52	2728	1.9%	99.3%		3179	0.09	0.32				Pass	0.974	Pass	1.000	
F	B1	DVCL-253P	To Do	2748	132	2765	4.8%	100.6%		3222	0.118	0.33				Pass	0.958	Pass	1.000	
F	B2	AYCL-253P	To Do	2748	67	2708	2.4%	98.5%		3196	0.09	0.36				Pass	0.961	Pass	1.000	
R	B6	DVELV-300P	N/A	2748	463	2776	16.8%	101.0%		3251	0.26	0.32				Pass	0.840	Pass	1.000	78Po petites variations d'intensite en baissant le dim du maximum
R	B7	SELV-300P	N/A	2748	556	2724	20.2%	99.1%		3198	0.25	0.32	non uniformity			Pass	0.791	Pass	1.000	78Po petites variations d'intensite en baissant le dim du maximum
R	B8	MACL-153P	N/A	2748	118	2737	4.3%	99.6%		3198	0.13	0.32				Pass	0.953	Pass	1.000	

2748

0.918

1.000

# Dimming Test Report

# 9.6W 12V

**Model:** B3528-12V-120-8mm-9.6W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-50W-ELV-HW-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	50	Lutron	156in	1.00	1pc	156in	7	1	0.863	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	1795	50	1787	2.8%	99.6%		3315	0.12	0.73				Pass	0.968	Pass	1.000	
F	A9	DVCL-153P	To Do	1795	67	1768	3.7%	98.5%		3245	0.12	0.74				Pass	0.948	Pass	1.000	
F	A10	CTCL-153P	To Do	1795	48	1791	2.7%	99.8%		3255	0.13	0.69				Pass	0.971	Pass	1.000	
F	B1	DVCL-253P	To Do	1795	88	1798	4.9%	100.2%		3286	0.16	0.71				Pass	0.953	Pass	1.000	
F	B2	AYCL-253P	To Do	1795	52	1767	2.9%	98.4%		3287	0.09	0.542				Pass	0.956	Pass	1.000	
R	B6	DVELV-300P	N/A	1795	679	1791	37.8%	99.8%		3318	0.55	0.73	non uniformity			Fail	0.620	Pass	1.000	156Po dimming en baisse tres tard sur le range compare a la montee
R	B7	SELV-300P	N/A	1795	575	1761	32.0%	98.1%		3243	0.53	0.73	non uniformity			Pass	0.667	Pass	1.000	156Po dimming en baisse tres tard sur le range compare a la montee
R	B8	MACL-153P	N/A	1795	111	1775	6.2%	98.9%		3209	0.18	0.54				Pass	0.928	Pass	1.000	

1795

0.863

1.000

# Dimming Test Report

# 9.6W 12V

**Model:** B3528-12V-120-8mm-9.6W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-120W-ELV-HW-IP67-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	120	Lutron	393in	1.00	1pc	393in	8	0	0.907	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	3383	93	3386	2.7%	100.1%		3036	0.12	0.62				Pass	0.973	Pass	1.000	
F	A9	DVCL-153P	To Do	3383	90	3381	2.7%	99.9%		3003	0.13	0.64				Pass	0.973	Pass	1.000	intensite change low dim
F	A10	CTCL-153P	To Do	3383	64	3383	1.9%	100.0%		3010	0.13	0.62				Pass	0.981	Pass	1.000	intensite change low dim
F	B1	DVCL-253P	To Do	3383	93	3413	2.7%	100.9%		3033	0.14	0.63				Pass	0.981	Pass	1.000	intensite change low dim
F	B2	AYCL-253P	To Do	3383	49	3340	1.4%	98.7%		3014	0.14	0.61				Pass	0.973	Pass	1.000	intensite change low dim
R	B6	DVELV-300P	N/A	3383	902	3358	26.7%	99.3%		3022	0.47	0.61				Pass	0.728	Pass	1.000	
R	B7	SELV-300P	N/A	3383	804	3357	23.8%	99.2%		3002	0.48	0.61				Pass	0.756	Pass	1.000	range dimming trop court sur descente
R	B8	MACL-153P	N/A	3383	145	3388	4.3%	100.1%		3045	0.16	0.6				Pass	0.959	Pass	1.000	
				<b>3383</b>														<b>0.907</b>	<b>1.000</b>	



# Dimming Test Report

# 9.6W 12V

**Model:** B3528-12V-120-8mm-9.6W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-200W-ELV-HW-IP67-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	200	Lutron	629in	1.00	1pc	629in	8	0	0.909	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	1377	35	1365	2.5%	99.1%		3274	0.16	1.79				Pass	0.966	Pass	1.000	
F	A9	DVCL-153P	To Do	1377	26	1328	1.9%	96.4%		3211	0.31	1.92				Pass	0.946	Pass	1.000	intensite change low dim
F	A10	CTCL-153P	To Do	1377	40	1395	2.9%	101.3%		3263	0.29	1.83				Pass	0.984	Pass	1.000	intensite change low dim
F	B1	DVCL-253P	To Do	1377	36	1377	2.6%	100.0%		3254	0.32	1.89				Pass	0.974	Pass	1.000	intensite change low dim
F	B2	AYCL-253P	To Do	1377	39	1368	2.8%	99.3%		3295	0.3	1.76				Pass	0.965	Pass	1.000	intensite change low dim
R	B6	DVELV-300P	N/A	1377	343	1372	24.9%	99.6%		3294	1.32	1.78				Pass	0.748	Pass	1.000	
R	B7	SELV-300P	N/A	1377	272	1383	19.8%	100.4%		3289	1.35	1.76				Pass	0.806	Pass	1.000	
R	B8	MACL-153P	N/A	1377	85	1378	6.2%	100.1%		3262	0.41	1.79				Pass	0.939	Pass	1.000	

1377

0.909

1.000

# Dimming Test Report

# 9.6W 12V

**Model:** B3528-12V-120-8mm-9.6W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-12V-120W-ELV-HW-IP67-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12	120	Lutron	393in	1.00	1pc	OVERLOAD	7	1	0.784	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	1247	28	1205	2.2%	96.6%		3199	0.13	1.52				Pass	0.945	Pass	1.000	
F	A9	DVCL-153P	To Do	1247	57	1195	4.6%	95.8%		3232	0.25	1.56	non uniformity			Pass	0.914	Pass	1.000	2 strip parallele petite variation d'intenite au minimum
F	A10	CTCL-153P	To Do	1247	37	1208	3.0%	96.9%		3288	0.24	1.52	non uniformity			Pass	0.940	Pass	1.000	2 strip parallele petite variation d'intenite au minimum
F	B1	DVCL-253P	To Do	1247	40	1202	3.2%	96.4%		3227	0.32	1.52				Pass	0.933	Pass	1.000	
F	B2	AYCL-253P	To Do	1247	30	1219	2.4%	97.8%		3205	0.2	1.51				Pass	0.954	Pass	1.000	
R	B6	DVELV-300P	N/A	1247	184	1204	14.8%	96.6%		3279	1.18	1.5				Pass	0.823	Pass	1.000	
R	B7	SELV-300P	N/A	1247	278	1206	22.3%	96.7%		3283	1	1.48	non uniformity	flicker		Fail	0.000	Pass	1.000	2 paralleles presence de flicker low dim quand diminution de l'intensite et tres petite variation aussi avec la diminution
R	B8	MACL-153P	N/A	1247	42	1196	3.4%	95.9%		3262	0.35	1.5				Pass	0.927	Pass	1.000	

1247

0.784

1.000

# Dimming Test Report

# 14.5W 24V

**Model:** B3528-24V-180-8mm-14.5W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-24V-50W-ELV-HW-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
24	50	Lutron	12in	1.00	1pc	12in	6	2	0.873	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments	
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)									
R	A2	PD-6WCL	N/A	2513	163	2514	6.5%	100.0%	3008	3218	0.08	0.12				Pass	0.936	Pass	1.000		
F	A9	DVCL-153P	To Do	2513	54	2510	2.1%	99.9%	3685	3201	0.08	0.16				Pass	0.977	Pass	1.000		
F	A10	CTCL-153P	To Do	2513	76	2487	3.0%	99.0%	5004	3197	0.09	0.13				Pass	0.960	Pass	1.000		
F	B1	DVCL-253P	To Do	2513	27	2521	1.1%	100.3%	3225	3222	0.09	0.15				Pass	0.992	Pass	1.000		
F	B2	AYCL-253P	To Do	2513	106	2529	4.2%	100.6%	3176	3237	0.08	0.11				Pass	0.964	Pass	1.000		
R	B6	DVELV-300P	N/A	2513	881	2511	35.1%	99.9%	3123	3214	0.11	0.19				Fail	0.649	Pass	1.000		
R	B7	SELV-300P	N/A	2513	930	2523	37.0%	100.4%	3231	3217	0.11	0.19				Fail	0.632	Pass	1.000	dimming range trop court pour atténuation luminosité	
R	B8	MACL-153P	N/A	2513	123	2465	4.9%	98.1%	2784	3195	0.08	0.12				Pass	0.933	Pass	1.000		
				<b>2513</b>															<b>0.873</b>	<b>1.000</b>	

# Dimming Test Report

# 14.5W 24V

**Model:** B3528-24V-180-8mm-14.5W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-24V-96W-ELV-HW-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
24	96	Lutron	12in	1.00	1pc	12in	8	0	0.893	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments	
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)									
R	A2	PD-6WCL	N/A	2515	63	2472	2.5%	98.3%		3264	0.08	0.14				Pass	0.958	Pass	1.000		
F	A9	DVCL-153P	To Do	2515	93	2528	3.7%	100.5%		3294	0.07	0.19				Pass	0.968	Pass	1.000		
F	A10	CTCL-153P	To Do	2515	68	2464	2.7%	98.0%		3193	0.07	0.14				Pass	0.953	Pass	1.000		
F	B1	DVCL-253P	To Do	2515	82	2507	3.3%	99.7%		3240	0.08	0.16				Pass	0.964	Pass	1.000		
F	B2	AYCL-253P	To Do	2515	126	2500	5.0%	99.4%		3229	0.07	0.12				Pass	0.944	Pass	1.000		
R	B6	DVELV-300P	N/A	2515	560	2520	22.3%	100.2%		3246	0.11	0.14				Pass	0.779	Pass	1.000		
R	B7	SELV-300P	N/A	2515	669	2486	26.6%	98.8%		3265	0.1	0.14				Pass	0.726	Pass	1.000	dimming range trop court pour atténuation luminosité	
R	B8	MACL-153P	N/A	2515	177	2489	7.0%	99.0%		3201	0.07	0.12				Pass	0.920	Pass	1.000		
				<b>2515</b>															<b>0.893</b>	<b>1.000</b>	

# Dimming Test Report

# 14.5W 24V

**Model:** B3528-24V-180-8mm-14.5W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-24V-200W-ELV-HW-IP67-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
24	200	Lutron	12in	1.00	1pc	12in	8	0	0.906	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments	
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)									
R	A2	PD-6WCL	N/A	2260	75	2246	3.3%	99.4%		3200	0.12	0.22				Pass	0.961	Pass	1.000		
F	A9	DVCL-153P	To Do	2260	73	2268	3.2%	100.4%		3269	0.13	0.43				Pass	0.971	Pass	1.000		
F	A10	CTCL-153P	To Do	2260	31	2263	1.4%	100.1%		3198	0.14	0.33				Pass	0.988	Pass	1.000		
F	B1	DVCL-253P	To Do	2260	48	2267	2.1%	100.3%		3248	0.14	0.39				Pass	0.982	Pass	1.000		
F	B2	AYCL-253P	To Do	2260	103	2261	4.6%	100.0%		3235	0.13	0.2				Pass	0.955	Pass	1.000		
R	B6	DVELV-300P	N/A	2260	618	2302	27.3%	101.9%		3289	0.17	0.23				Pass	0.740	Pass	1.000		
R	B7	SELV-300P	N/A	2260	652	2271	28.8%	100.5%		3235	0.17	0.3				Pass	0.715	Pass	1.000	petit range pour descente intensite	
R	B8	MACL-153P	N/A	2260	59	2295	2.6%	101.5%		3269	0.13	0.25				Pass	0.989	Pass	1.000		
				<b>2260</b>															<b>0.906</b>	<b>1.000</b>	

# Dimming Test Report

# 14.5W 24V

**Model:** B3528-24V-180-8mm-14.5W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-24V-50W-ELV-HW-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
24	50	Lutron	98in	1.00	1pc	98in	6	2	0.885	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	2914	40	2917	1.4%	100.1%		3188	0.13	0.69				Pass	0.987	Pass	1.000	
F	A9	DVCL-153P	To Do	2914	49	2930	1.7%	100.5%		3192	0.13	0.73				Pass	0.989	Pass	1.000	change intensite low dim
F	A10	CTCL-153P	To Do	2914	37	2926	1.3%	100.4%		3176	0.12	0.72				Pass	0.991	Pass	1.000	change intensite low dim
F	B1	DVCL-253P	To Do	2914	57	2893	2.0%	99.3%		3129	0.14	0.72				Pass	0.973	Pass	1.000	change intensite low dim
F	B2	AYCL-253P	To Do	2914	59	2977	2.0%	102.2%		3155	0.13	0.7				Pass	1.001	Pass	1.000	change intensite low dim
R	B6	DVELV-300P	N/A	2914	1076	2937	36.9%	100.8%		3172	0.55	0.71				Fail	0.636	Pass	1.000	
R	B7	SELV-300P	N/A	2914	1101	2959	37.8%	101.5%		3185	0.54	0.71				Fail	0.632	Pass	1.000	change intensite low dim + dim range trop court pour descente intensite
R	B8	MACL-153P	N/A	2914	139	2968	4.8%	101.9%		3188	0.17	0.52				Pass	0.970	Pass	1.000	

2914

0.885

1.000

# Dimming Test Report

# 14.5W 24V

**Model:** B3528-24V-180-8mm-14.5W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-24V-96W-ELV-HW-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
24	96	Lutron	208in	1.00	1pc	208in	8	0	0.891	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments		
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)										
R	A2	PD-6WCL	N/A	2942	85	2939	2.9%	99.9%		3213	0.21	1.06				Pass	0.970	Pass	1.000			
F	A9	DVCL-153P	To Do	2942	122	2879	4.1%	97.9%		3193	0.25	1.09				Pass	0.938	Pass	1.000	low dim change intensite		
F	A10	CTCL-153P	To Do	2942	81	2894	2.8%	98.4%		3213	0.25	1.07				Pass	0.957	Pass	1.000	low dim change intensite		
F	B1	DVCL-253P	To Do	2942	97	2921	3.3%	99.3%		3221	0.25	1.09				Pass	0.960	Pass	1.000	low dim change intensite		
F	B2	AYCL-253P	To Do	2942	124	2909	4.2%	98.9%		3214	0.25	1.05				Pass	0.947	Pass	1.000	low dim change intensite		
R	B6	DVELV-300P	N/A	2942	707	2900	24.0%	98.6%		3241	0.76	1.03				Pass	0.749	Pass	1.000			
R	B7	SELV-300P	N/A	2942	719	2890	24.4%	98.2%		3237	0.77	1.04				Pass	0.742	Pass	1.000	low dimming range descente luminosite		
R	B8	MACL-153P	N/A	2942	117	2899	4.0%	98.5%		3230	0.28	1.02				Pass	0.946	Pass	1.000			
				<b>2942</b>															<b>0.891</b>	<b>1.000</b>		

# Dimming Test Report

# 19.2W 24V

**Model:** B3528-24V-240-14mm-19.2W-3000K

**PSU:** LTPS-DIM-100130VAC-CV-24V-200W-ELV-HW-IP67-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
24	200	Lutron	328in	1.00	1pc	328in	8	0	0.937	0.643

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	3834	88	3817	2.3%	99.6%		3209	0.23	2.18			x	Pass	0.973	Fail	0.500	
F	A9	DVCL-153P	To Do	3834	58	3825	1.5%	99.8%		3217	0.23	2.31			x	Pass	0.983	Fail	0.500	changement intensite low dim
F	A10	CTCL-153P	To Do	3834	39	3818	1.0%	99.6%		3205	0.19	2.21			x	Pass	0.986	Fail	0.500	Flicker possible, réglable avec trigger
F	B1	DVCL-253P	To Do	3834	49	3850	1.3%	100.4%		3195	0.26	2.29			x	Pass	0.991	Fail	0.500	changement intensite low dim
F	B2	AYCL-253P	To Do	3834	59	3831	1.5%	99.9%		3235	0.21	1.16				Pass	0.984	Pass	1.000	changement intensite low dim
R	B6	DVELV-300P	N/A	3834	641	3814	16.7%	99.5%		3201	2.21	1.58			x	Pass	0.828	Fail	0.500	
R	B7	SELV-300P	N/A	3834	642	3838	16.7%	100.1%		3208	1.67	2.11			x	Pass	0.833	Fail	0.500	
R	B8	MACL-153P	N/A	3834	160	3819	4.2%	99.6%		3230	0.4	2.17				Pass	0.955	Pass	1.000	

3834

0.937

0.643



# Dimming Test Report

?W 12V - ?W 24V

Model: ?

PSU: LTPS-DIM-100130VAC-CV-24V-200W-ELV-HW-IP67-DRBX / 12V-50W-ELV-HW-DRBX

PSU		Brand	Load	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12 / 24	50 / 200	Lutron	80%	1.00	1pc	3 strips: 2*200W / 1*50W	8	0	0.946	1.000

Fwd./ Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	6198	129	6203	2.1%	100.1%		3140	0.28	2.16	Startup Flash			Pass	0.980	Pass	1.000	les strips ne s'allument pas toujours en meme temps
F	A9	DVCL-153P	To Do	6198	87	6232	1.4%	100.5%		3169	0.41	2.19	Startup Flash			Pass	0.991	Pass	1.000	les strips ne s'allument pas toujours en meme temps +variations lumineuse low dim
F	A10	CTCL-153P	To Do	6198	28	6217	0.5%	100.3%		3133	0.4	2.18	Startup Flash			Pass	0.999	Pass	1.000	les strips ne s'allument pas toujours en meme temps +variations lumineuse low dim
F	B1	DVCL-253P	To Do	6198	66	6240	1.1%	100.7%		3149	0.26	2.19				Pass	0.996	Pass	1.000	les strips ne s'allument pas toujours en meme temps +variations lumineuse low dim
F	B2	AYCL-253P	To Do	6198	156	6220	2.5%	100.4%		3142	0.4	2.24				Pass	0.978	Pass	1.000	
R	B6	DVELV-300P	N/A	6198	1090	6261	17.6%	101.0%		3148	1.57	2.1				Pass	0.833	Pass	1.000	les strips ne s'allument pas toujours en meme temps
R	B7	SELV-300P	N/A	6198	1126	6210	18.2%	100.2%		3148	1.53	2.09				Pass	0.820	Pass	1.000	trop petit range pour la baisse de luminosite
R	B8	MACL-153P	N/A	6198	28	6246	0.5%	100.8%		3132	0.55	2.17				Pass	1.003	Pass	1.000	les strips ne s'allument pas toujours en meme temps

6198

0.946

1.000

# Dimming Test Report

?W 24V

Model: ?

PSU: LTPS-DIM-100130VAC-CV-24V-96W-ELV-HW-DRBX / 200W-ELV-HW-IP67-DRBX

PSU		Brand	Length	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
24	96 / 200	Lutron		1.00	1pc	2 strips	8	0	0.923	1.000

Fwd./Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	4375	218	4353	5.0%	99.5%		3095	0.39	2.71				Pass	0.945	Pass	1.000	ne s'allument pas en meme temps
F	A9	DVCL-153P	To Do	4375	152	4357	3.5%	99.6%		3064	0.35	2.81				Pass	0.961	Pass	1.000	ne s'allument pas en meme temps + variation lumineuse low dim
F	A10	CTCL-153P	To Do	4375	111	4365	2.5%	99.8%		3119	0.32	2.73				Pass	0.972	Pass	1.000	ne s'allument pas en meme temps + variation lumineuse low dim
F	B1	DVCL-253P	To Do	4375	88	4338	2.0%	99.2%		3117	0.33	2.78				Pass	0.972	Pass	1.000	ne s'allument pas en meme temps + variation lumineuse low dim
F	B2	AYCL-253P	To Do	4375	212	4336	4.8%	99.1%		3088	0.51	2.66	Startup Flash			Pass	0.943	Pass	1.000	ne s'allument pas en meme temps + variation lumineuse low dim
R	B6	DVELV-300P	N/A	4375	875	4380	20.0%	100.1%		3117	1.55	2.55				Pass	0.801	Pass	1.000	ne s'allument pas en meme temps
R	B7	SELV-300P	N/A	4375	584	4353	13.3%	99.5%		3101	1.55	2.54				Pass	0.862	Pass	1.000	ne s'allument pas en meme temps + range dimming trop court en descente de luminosite + 200W strip flash en montee
R	B8	MACL-153P	N/A	4375	193	4351	4.4%	99.5%		3134	0.53	2.66				Pass	0.951	Pass	1.000	

4375

0.923

1.000

# Dimming Test Report

?W 12V - ?W 24V

Model: ?

PSU: LTPS-DIM-100130VAC-CV-12V-200W-ELV-HW-IP67-DRBX / 24V-96W-ELV-HW-DRBX

PSU		Brand	Load	Weight	Working Lamps		Pass for 0.65	Fail for 0.65	Dimming Score	Noise Score
V	W				Min.	Max.				
12 / 24	96 / 200	Lutron	80%	1.00	1pc	3 strips: 2*200W / 1*96W	8	0	0.930	1.000

Fwd./ Reverse	Dimmer #	Model	Range Adjust	Dimmer Bypass	Slider at Min. w/o flickering	Slider at Max. w/o flickering	Range		CCT at Min.	CCT at Max.	A Min.	A Max.	Low Anomalies	Strong Anomalies	Noise	Verdict Dimming	Dimming Note	Verdict Noise	Noise Note	Comments
				(Lux)	(Lux)	(Lux)	Min.	Max.	(K)	(K)	(A)	(A)								
R	A2	PD-6WCL	N/A	3515	157	3508	4.5%	99.8%		3087	0.36	2.28				Pass	0.953	Pass	1.000	24V strip start up flash allumage en decalé entre les deux driver
F	A9	DVCL-153P	To Do	3515	134	3484	3.8%	99.1%		3057	0.44	2.39				Pass	0.953	Pass	1.000	allumage en decalé entre les deux driver + variation lumineuse low dim
F	A10	CTCL-153P	To Do	3515	70	3517	2.0%	100.1%		3086	0.42	2.3				Pass	0.981	Pass	1.000	allumage en decalé entre les deux driver + variation lumineuse low dim
F	B1	DVCL-253P	To Do	3515	82	3487	2.3%	99.2%		3063	0.36	2.36				Pass	0.969	Pass	1.000	allumage en decalé entre les deux driver + variation lumineuse low dim
F	B2	AYCL-253P	To Do	3515	84	3510	2.4%	99.9%		3098	0.46	2.26				Pass	0.975	Pass	1.000	allumage en decalé entre les deux driver + variation lumineuse low dim
R	B6	DVELV-300P	N/A	3515	426	3522	12.1%	100.2%		3093	1.48	2.17	Startup Flash			Pass	0.881	Pass	1.000	allumage en decalé entre les deux driver + variation lumineuse low dim
R	B7	SELV-300P	N/A	3515	666	3501	18.9%	99.6%		3074	1.45	2.46	Startup Flash			Pass	0.807	Pass	1.000	allumage en decalé entre les deux driver + variation lumineuse low dim
R	B8	MACL-153P	N/A	3515	150	3471	4.3%	98.7%		3076	0.54	2.23				Pass	0.945	Pass	1.000	allumage en decalé entre les deux driver + variation lumineuse low dim

3515

0.930

1.000