

ID E2312031V0

Product Family: Ice Cube Sku Tested: PD-29313S

Related Models PD-29303R, PD-29303L, PD-29321R, PD-29323L, PD-29341S

Test Voltage: 120-277V

Control Type: ELV,TRIAC,MLV,0-10V

Test Notes: Refer to dimmer manufacturer's dimmer load rating for min and max fixture quantities per dimmer.

Manufacturer	Product	Model Number	Test Voltage (V)	Measured Dimming Range Low End	Comments		
		Ada	ptive Phase Dim	nmers			
Control4	Adaptive	C4-APD120	120	0.9%			
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	0.4%	Flicker below 0.4%		
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.4%	Not Recommended		
Legrand	Radiant	RH703PTUW	120	0.4%	Flicker below 0.4%		
Legrand	Adorne (ELV)	ADTP703TUW4	120	4.0%			
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.4%	Not Recommended		
Cooper	AL Series	AAL06	120	0.2%	Flicker below 0.2%		
Control4	Adaptive	C4-APD277	277	1.0%			
		Rever	se Phase Dimme	ers (ELV)			
Lutron	Nova T	NTELV-600	120	0.7%	Flashing at low dimming level		
Lutron	Diva	DVELV-300P	120	0.3%	Flashing at low dimming level		
Lutron	Maestro	MAELV-600	120	0.5%	Flashing at low dimming level		
Lutron	Skylark	SELV-300P	120	0.3%	Flashing at low dimming level		
Leviton	Illumatech	IPE04-1LZ	120	0.4%	Flashing at low dimming level		
Lutron	Maestro	RRD-6NA	120	0.3%	Flashing at low dimming level		
Leviton	SureSlide	6615-P0W	120	6.0%			
Leviton	Decora	DSE06-10Z	120	0.4%	Flashing at low dimming level		
Lutron	Caseta	PD-5NE	120	0.8%	Flashing at low dimming level		
Lutron	Homeworks	HRD-5NE	120	0.3%	Flashing at low dimming level		
Lutron	Homeworks	HQRD-6NA	120	1.0%			
Leviton	Renoir II	AWSMT-EBW	120	0.6%			
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.7%			
Leviton	Renoir II	AWSMT-EBW	277	1.0%			
Lutron	Grafik-Eye	GRX-3103-A-G	277	0.9%			
Forward Phase Dimmers (TRIAC)							
Lutron	Maestro	MACL-153M-WH	120	0.4%	Flicker below 0.4%		
Lutron	Diva	DVCL-153P	120	0.4%	Flicker below 0.4%		
Legrand	Adorne Paddle	ADPD453LW2	120	7.0%			
Lutron	Ariadni	AYCL-153PH	120	0.4%	Flicker below 0.4%		



	Forward Phase Dimmers (TRIAC) Cont.							
Lutron	Skylark	SCL-153P-WH	120	0.4%	Flicker below 0.4%			
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive			
Leviton	SureSlide	6674-POW	120	0.4%	Flicker below 0.4%			
Lutron	Caseta	PD-6WCL	120	0.4%	Flicker below 0.4%			
Legrand	Harmony	HCL453PW	120	0.4%	Flicker below 0.4%			
Legrand	Radiant	RHCL453PW	120	0.4%	Flicker below 0.4%			
			0-10V Dimmer	S				
Lutron	Nova T	NTSTV	120	6.0%				
Leviton	Decora	IP710-LFZ	120	1.0%				
Control4	Adaptive	C4-TV120277	120	0.6%				
Lutron	Diva	DVSTV	120	0.9%				
Leviton	Renoir	AWSMT-7DW	120	10.0%				
Legrand	Radiant	RH4FBL3PW	120	0.6%				
Lutron	Nova T	NTSTV	277	6.0%				
Leviton	Decora	IP710-LFZ	277	0.7%	Flicker below 0.7%			
Control4	Adaptive	C4-TV120277	277	0.7%	Flicker below 0.7%			
Lutron	Diva	DVSTV	277	0.7%	Flicker below 0.7%			
Lutron	Diva	AWSMT-7DW	277	10.0%				
Legrand	Radiant	RH4FBL3PW	277	0.4%	Flicker below 0.4%			



ID E2312023V0

Product Family: Ice Cube Sku Tested: PD-29305L

Related Models PD-29305R, PD-29315R, PD-29325S,

Test Voltage: 120-277V

Control Type: ELV,TRIAC,MLV,0-10V

Test Notes: Refer to dimmer manufacturer's dimmer load rating for min and max fixture quantities per dimmer.

Manufacturer	Product	Model Number	Test Voltage (V)	Measured Dimming Range Low End	Comments
		Ad	<u>I</u> aptive Phase Dir		
Control4	Adaptive	C4-APD120	120	1.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	1.0%	Flicker below 1%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	1.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	1.0%	Flicker below 1%
Legrand	Adorne (ELV)	ADTP703TUW4	120	6.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.9%	Not Recommended
Cooper	AL Series	AAL06	120	0.6%	Flicker below 0.6%
Control4	Adaptive	C4-APD277	277	1.0%	
		Reve	rse Phase Dimm	ers (ELV)	
Lutron	Nova T	NTELV-600	120	2.0%	Flashing at low dimming level
Lutron	Diva	DVELV-300P	120	0.9%	Flashing at low dimming level
Lutron	Maestro	MAELV-600	120	1.0%	Flashing at low dimming level
Lutron	Skylark	SELV-300P	120	0.9%	Flashing at low dimming level
Leviton	Illumatech	IPE04-1LZ	120	1.0%	Flashing at low dimming level
Lutron	Maestro	RRD-6NA	120	0.8%	Flashing at low dimming level
Leviton	SureSlide	6615-P0W	120	10.0%	
Leviton	Decora	DSE06-10Z	120	1.0%	Flashing at low dimming level
Lutron	Caseta	PD-5NE	120	2.0%	Flashing at low dimming level
Lutron	Homeworks	HRD-5NE	120	0.8%	Flashing at low dimming level
Lutron	Homeworks	HQRD-6NA	120	1.0%	
Leviton	Renoir II	AWSMT-EBW	120	0.5%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.9%	
Leviton	Renoir II	AWSMT-EBW	277	3.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	2.0%	
		Forwa	rd Phase Dimme	rs (TRIAC)	
Lutron	Maestro	MACL-153M-WH	120	1.0%	Flicker below 1%
Lutron	Diva	DVCL-153P	120	1.0%	Flicker below 1%
Legrand	Adorne Paddle	ADPD453LW2	120	11.0%	
Lutron	Ariadni	AYCL-153PH	120	1.0%	Flicker below 1%



	Forward Phase Dimmers (TRIAC) Cont.							
Lutron	Skylark	SCL-153P-WH	120	1.0%	Flicker below 1%			
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive			
Leviton	SureSlide	6674-POW	120	1.0%	Flicker below 1%			
Lutron	Caseta	PD-6WCL	120	1.0%	Flicker below 1%			
Legrand	Harmony	HCL453PW	120	1.0%	Flicker below 1%			
Legrand	Radiant	RHCL453PW	120	1.0%	Flicker below 1%			
		<u> </u>	0-10V Dimme	rs				
Lutron	Nova T	NTSTV	120	5.0%				
Leviton	Decora	IP710-LFZ	120	1.0%				
Control4	Adaptive	C4-TV120277	120	1.0%				
Lutron	Diva	DVSTV	120	1.0%				
Leviton	Renoir	AWSMT-7DW	120	11.0%				
Legrand	Radiant	RH4FBL3PW	120	1.0%				
Lutron	Nova T	NTSTV	277	5.0%				
Leviton	Decora	IP710-LFZ	277	2.0%	Flicker below 2%			
Control4	Adaptive	C4-TV120277	277	2.0%	Flicker below 2%			
Lutron	Diva	DVSTV	277	2.0%	Flicker below 2%			
Lutron	Diva	AWSMT-7DW	277	10.0%				
Legrand	Radiant	RH4FBL3PW	277	1.0%	Flicker below 1%			



ID E2312030V0

Product Family: Ice Cube
Sku Tested: PD-29309R
Related Models PD-29314L

Test Voltage: 120-277V

Control Type: ELV,TRIAC,MLV,0-10V

Test Notes: Refer to dimmer manufacturer's dimmer load rating for min and max fixture quantities per dimmer.

Manufacturer	Product	Model Number	Test Voltage (V)	Measured Dimming Range Low End	Comments			
Adaptive Phase Dimmers								
Control4	Adaptive	C4-APD120	120	56.0%	Flicker at high dimming level			
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	61.0%	Flicker at high dimming level			
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	72.0%	Not Recommended			
Legrand	Radiant	RH703PTUW	120	4.0%				
Legrand	Adorne (ELV)	ADTP703TUW4	120	54.0%	Flicker at high dimming level			
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	69.0%	Not Recommended			
Cooper	AL Series	AAL06	120	74.0%	Flicker at high dimming level			
Control4	Adaptive	C4-APD277	277	17.0%	Flicker below 17%			
		Rever	rse Phase Dimme	ers (ELV)				
Lutron	Nova T	NTELV-600	120	7.0%				
Lutron	Diva	DVELV-300P	120	61.0%	Flicker at high dimming level			
Lutron	Maestro	MAELV-600	120	77.0%	Flicker at high dimming level			
Lutron	Skylark	SELV-300P	120	60.0%	Flicker at high dimming level			
Leviton	Illumatech	IPE04-1LZ	120	4.0%				
Lutron	Maestro	RRD-6NA	120	78.0%	Flicker at high dimming level			
Leviton	SureSlide	6615-P0W	120	57.0%	Flicker at high dimming level			
Leviton	Decora	DSE06-10Z	120	53.0%	Flicker at high dimming level			
Lutron	Caseta	PD-5NE	120	59.0%	Flicker at high dimming level			
Lutron	Homeworks	HRD-5NE	120	58.0%	Flashing at high dimming level			
Lutron	Homeworks	HQRD-6NA	120	71.0%	Flicker at high dimming level			
Leviton	Renoir II	AWSMT-EBW	120	0.8%				
Lutron	Grafik-Eye	GRX-3103-A-G	120	54.0%	Flicker at high dimming level			
Leviton	Renoir II	AWSMT-EBW	277	51.0%				
Lutron	Grafik-Eye	GRX-3103-A-G	277	43.0%	Flicker at high dimming level			
		Forwar	rd Phase Dimme	rs (TRIAC)				
Lutron	Maestro	MACL-153M-WH	120	69.0%	Flashing at high dimming level			
Lutron	Diva	DVCL-153P	120	37.0%	Flashing at low dimming level			
Legrand	Adorne Paddle	ADPD453LW2	120	68.0%	Flashing at high dimming level			
Lutron	Ariadni	AYCL-153PH	120	65.0%	Flashing at high dimming level			



	Forward Phase Dimmers (TRIAC) Cont.							
Lutron	Skylark	SCL-153P-WH	120	63.0%	Flashing at high dimming level			
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive			
Leviton	SureSlide	6674-POW	120	49.0%	Flashing at low dimming level			
Lutron	Caseta	PD-6WCL	120	66.0%	Flashing at high dimming level			
Legrand	Harmony	HCL453PW	120	4.0%	Flicker below 4%			
Legrand	Radiant	RHCL453PW	120	51.0%	Flicker at high dimming level			
			0-10V Dimme	rs	·			
Lutron	Nova T	NTSTV	120	8.0%				
Leviton	Decora	IP710-LFZ	120	2.0%				
Control4	Adaptive	C4-TV120277	120	0.8%				
Lutron	Diva	DVSTV	120	1.0%				
Leviton	Renoir	AWSMT-7DW	120	15.0%				
Legrand	Radiant	RH4FBL3PW	120	0.8%				
Lutron	Nova T	NTSTV	277	8.0%				
Leviton	Decora	IP710-LFZ	277	0.7%	Flicker below 0.7%			
Control4	Adaptive	C4-TV120277	277	0.7%	Flicker below 0.7%			
Lutron	Diva	DVSTV	277	0.7%	Flicker below 0.7%			
Lutron	Diva	AWSMT-7DW	277	15.0%				
Legrand	Radiant	RH4FBL3PW	277	0.7%	Flicker below 0.7%			



ID E2312023V0

Product Family: Ice Cube Sku Tested: PD-29305L

Related Models PD-29305R, PD-29315R, PD-29325S,

Test Voltage: 120-277V

Control Type: ELV,TRIAC,MLV,0-10V

Test Notes: Refer to dimmer manufacturer's dimmer load rating for min and max fixture quantities per dimmer.

Manufacturer	Product	Model Number	Test Voltage (V)	Measured Dimming Range Low End	Comments
		Ad	<u>I</u> aptive Phase Dir		
Control4	Adaptive	C4-APD120	120	1.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	1.0%	Flicker below 1%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	1.0%	Not Recommended
Legrand	Radiant	RH703PTUW	120	1.0%	Flicker below 1%
Legrand	Adorne (ELV)	ADTP703TUW4	120	6.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.9%	Not Recommended
Cooper	AL Series	AAL06	120	0.6%	Flicker below 0.6%
Control4	Adaptive	C4-APD277	277	1.0%	
		Reve	rse Phase Dimm	ers (ELV)	
Lutron	Nova T	NTELV-600	120	2.0%	Flashing at low dimming level
Lutron	Diva	DVELV-300P	120	0.9%	Flashing at low dimming level
Lutron	Maestro	MAELV-600	120	1.0%	Flashing at low dimming level
Lutron	Skylark	SELV-300P	120	0.9%	Flashing at low dimming level
Leviton	Illumatech	IPE04-1LZ	120	1.0%	Flashing at low dimming level
Lutron	Maestro	RRD-6NA	120	0.8%	Flashing at low dimming level
Leviton	SureSlide	6615-P0W	120	10.0%	
Leviton	Decora	DSE06-10Z	120	1.0%	Flashing at low dimming level
Lutron	Caseta	PD-5NE	120	2.0%	Flashing at low dimming level
Lutron	Homeworks	HRD-5NE	120	0.8%	Flashing at low dimming level
Lutron	Homeworks	HQRD-6NA	120	1.0%	
Leviton	Renoir II	AWSMT-EBW	120	0.5%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.9%	
Leviton	Renoir II	AWSMT-EBW	277	3.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	2.0%	
		Forwa	rd Phase Dimme	rs (TRIAC)	
Lutron	Maestro	MACL-153M-WH	120	1.0%	Flicker below 1%
Lutron	Diva	DVCL-153P	120	1.0%	Flicker below 1%
Legrand	Adorne Paddle	ADPD453LW2	120	11.0%	
Lutron	Ariadni	AYCL-153PH	120	1.0%	Flicker below 1%



	Forward Phase Dimmers (TRIAC) Cont.							
Lutron	Skylark	SCL-153P-WH	120	1.0%	Flicker below 1%			
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive			
Leviton	SureSlide	6674-POW	120	1.0%	Flicker below 1%			
Lutron	Caseta	PD-6WCL	120	1.0%	Flicker below 1%			
Legrand	Harmony	HCL453PW	120	1.0%	Flicker below 1%			
Legrand	Radiant	RHCL453PW	120	1.0%	Flicker below 1%			
		<u> </u>	0-10V Dimme	rs				
Lutron	Nova T	NTSTV	120	5.0%				
Leviton	Decora	IP710-LFZ	120	1.0%				
Control4	Adaptive	C4-TV120277	120	1.0%				
Lutron	Diva	DVSTV	120	1.0%				
Leviton	Renoir	AWSMT-7DW	120	11.0%				
Legrand	Radiant	RH4FBL3PW	120	1.0%				
Lutron	Nova T	NTSTV	277	5.0%				
Leviton	Decora	IP710-LFZ	277	2.0%	Flicker below 2%			
Control4	Adaptive	C4-TV120277	277	2.0%	Flicker below 2%			
Lutron	Diva	DVSTV	277	2.0%	Flicker below 2%			
Lutron	Diva	AWSMT-7DW	277	10.0%				
Legrand	Radiant	RH4FBL3PW	277	1.0%	Flicker below 1%			



ID E2312030V0

Product Family: Ice Cube
Sku Tested: PD-29309R
Related Models PD-29314L

Test Voltage: 120-277V

Control Type: ELV,TRIAC,MLV,0-10V

Test Notes: Refer to dimmer manufacturer's dimmer load rating for min and max fixture quantities per dimmer.

Manufacturer	Product	Model Number	Test Voltage (V)	Measured Dimming Range Low End	Comments			
Adaptive Phase Dimmers								
Control4	Adaptive	C4-APD120	120	56.0%	Flicker at high dimming level			
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	61.0%	Flicker at high dimming level			
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	72.0%	Not Recommended			
Legrand	Radiant	RH703PTUW	120	4.0%				
Legrand	Adorne (ELV)	ADTP703TUW4	120	54.0%	Flicker at high dimming level			
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	69.0%	Not Recommended			
Cooper	AL Series	AAL06	120	74.0%	Flicker at high dimming level			
Control4	Adaptive	C4-APD277	277	17.0%	Flicker below 17%			
		Rever	rse Phase Dimme	ers (ELV)				
Lutron	Nova T	NTELV-600	120	7.0%				
Lutron	Diva	DVELV-300P	120	61.0%	Flicker at high dimming level			
Lutron	Maestro	MAELV-600	120	77.0%	Flicker at high dimming level			
Lutron	Skylark	SELV-300P	120	60.0%	Flicker at high dimming level			
Leviton	Illumatech	IPE04-1LZ	120	4.0%				
Lutron	Maestro	RRD-6NA	120	78.0%	Flicker at high dimming level			
Leviton	SureSlide	6615-P0W	120	57.0%	Flicker at high dimming level			
Leviton	Decora	DSE06-10Z	120	53.0%	Flicker at high dimming level			
Lutron	Caseta	PD-5NE	120	59.0%	Flicker at high dimming level			
Lutron	Homeworks	HRD-5NE	120	58.0%	Flashing at high dimming level			
Lutron	Homeworks	HQRD-6NA	120	71.0%	Flicker at high dimming level			
Leviton	Renoir II	AWSMT-EBW	120	0.8%				
Lutron	Grafik-Eye	GRX-3103-A-G	120	54.0%	Flicker at high dimming level			
Leviton	Renoir II	AWSMT-EBW	277	51.0%				
Lutron	Grafik-Eye	GRX-3103-A-G	277	43.0%	Flicker at high dimming level			
		Forwar	rd Phase Dimme	rs (TRIAC)				
Lutron	Maestro	MACL-153M-WH	120	69.0%	Flashing at high dimming level			
Lutron	Diva	DVCL-153P	120	37.0%	Flashing at low dimming level			
Legrand	Adorne Paddle	ADPD453LW2	120	68.0%	Flashing at high dimming level			
Lutron	Ariadni	AYCL-153PH	120	65.0%	Flashing at high dimming level			



	Forward Phase Dimmers (TRIAC) Cont.							
Lutron	Skylark	SCL-153P-WH	120	63.0%	Flashing at high dimming level			
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive			
Leviton	SureSlide	6674-POW	120	49.0%	Flashing at low dimming level			
Lutron	Caseta	PD-6WCL	120	66.0%	Flashing at high dimming level			
Legrand	Harmony	HCL453PW	120	4.0%	Flicker below 4%			
Legrand	Radiant	RHCL453PW	120	51.0%	Flicker at high dimming level			
			0-10V Dimme	rs	·			
Lutron	Nova T	NTSTV	120	8.0%				
Leviton	Decora	IP710-LFZ	120	2.0%				
Control4	Adaptive	C4-TV120277	120	0.8%				
Lutron	Diva	DVSTV	120	1.0%				
Leviton	Renoir	AWSMT-7DW	120	15.0%				
Legrand	Radiant	RH4FBL3PW	120	0.8%				
Lutron	Nova T	NTSTV	277	8.0%				
Leviton	Decora	IP710-LFZ	277	0.7%	Flicker below 0.7%			
Control4	Adaptive	C4-TV120277	277	0.7%	Flicker below 0.7%			
Lutron	Diva	DVSTV	277	0.7%	Flicker below 0.7%			
Lutron	Diva	AWSMT-7DW	277	15.0%				
Legrand	Radiant	RH4FBL3PW	277	0.7%	Flicker below 0.7%			