

WAC LIGHTING

Responsible Lighting®

Dimming Compatibility

ID E1711034V0

Product Family: Oculux 3.5"
SKU Tested: R3BRA-F930-WT
Related Model Numbers: R3BRDP; R3BRA; R3BSA; R3BSD
Numbers: R3BNICA-10

Test Voltage: 120V

Control Type: ELV, TRIAC, 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	Comments
				Low End	
Adaptive Phase Dimmers					
Control4	Adaptive	C4-APD120	120	2.0%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	1.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	1.0%	
Legrand	Radiant	RH703PTUW	120	N/A	Dimmer not responsive
Legrand	Adorne (ELV)	ADTP703TUW4	120	7.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	3.0%	
Cooper	AL Series	AAL06	120	1.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	10.0%	Flicker below 10%
Lutron	Diva	DVELV-300P	120	3.0%	
Lutron	Maestro	MAELV-600	120	2.0%	
Lutron	Skylark	SELV-300P	120	7.0%	Flicker below 7%
Leviton	Illumatech	IPE04-1LZ	120	13.0%	
Lutron	Maestro	RRD-6NA	120	1.0%	
Leviton	SureSlide	6615-P0W	120	10.0%	Flicker below 10%
Leviton	Decora	DSE06-10Z	120	1.0%	
Lutron	Caseta	PD-5NE	120	3.0%	
Lutron	Homeworks	HRD-5NE	120	2.0%	
Leviton	Renoir II	AWSMT-EBW	120	2.0%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	1.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MAEL-153M-WH	120	4.0%	Flicker below 4%
Lutron	Diva	DVCL-153PD	120	3.0%	
Legrand	Adorne Paddle	ADPD453LW2	120	7.0%	
Lutron	Ariadni	AYCL-153PH	120	1.0%	
Lutron	Skylark	SCL-153P-WH	120	1.0%	
Lutron	Maestro	MA-600-WH	120	N/A	Dimmer not responsive

Perceived light level percentage is the square root of the measured light level percentage, per IESNA Lighting Handbook. This report reflects WAC's test results of a single fixture in single-pole wiring configuration for reference purposes; actual results may vary based on field conditions. Dimmer manufacturers may modify their product at any time, without notice to WAC Lighting, and therefore WAC Lighting cannot ensure future compatibility. For any questions on this report, please contact WAC Lighting Customer Service at 1-800-526-2588 or sales@waclighting.com.

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Forward Phase Dimmers (TRIAC) Cont.					
Leviton	SureSlide	6674-POW	120	3.0%	
Lutron	Caseta	PD-6WCL	120	6.0%	Flicker below 6%
Legrand	Harmony	HCL453PW	120	8.0%	Flicker below 8%
Legrand	Radiant	RHCL453PW	120	10.0%	Flicker below 10%
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	3.0%	
Leviton	Decora	IP710-LFZ	120	3.0%	
Control4	Adaptive	C4-TV120277	120	3.0%	
Lutron	Diva	DVSTV	120	12.0%	There is still output when dimmer is off
Leviton	Renoir	AWSMT-7DW	120	3.0%	
Legrand	Radiant	RH4FBL3PW	120	0.3%	

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Product Family: Oculux 3.5"

Skus Tested: R3BRD-F930-WT

Related Model Numbers: R3BRDP; R3BRA; R3BSA; R3BSD

Numbers: R3BNICA-10U

Test Voltage: 120-277VAC

Control Type: ELV, TRIAC, 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	Comments
				Low End	
Adaptive Phase Dimmers					
Control4	Adaptive	C4-APD120	120	0.8%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	26.0%	Flicker below 26%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	3.0%	
Legrand	Radiant	RH703PTUW	120	21.0%	
Legrand	Adorne (ELV)	ADTP703TUUW4	120	17.0%	
Legrand	Adorne (TRIAC)	ADTP703TUUW4	120	14.0%	
Cooper	AL Series	AAL06	120	38.0%	Flicker below 38%
Control4	Adaptive	C4-APD277	277	5.0%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	11.0%	
Lutron	Diva	DVELV-300P	120	6.0%	
Lutron	Maestro	MAELV-600	120	1.0%	
Lutron	Skylark	SELV-300P	120	7.0%	
Leviton	Illumatech	IPE04-1LZ	120	28.0%	
Lutron	Maestro	RRD-6NA	120	1.0%	
Leviton	SureSlide	6615-P0W	120	19.0%	
Leviton	Decora	DSE06-10Z	120	9.0%	Flicker below 9%
Lutron	Caseta	PD-5NE	120	13.0%	Flicker below 13%
Lutron	Homeworks	HRD-5NE	120	N/A	Flashing at high dimming level
Leviton	Renoir II	AWSMT-EBW	120	1.0%	
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	0.7%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	8.0%	
Lutron	Diva	DVCL-153PD	120	8.0%	Flicker below 8%
Legrand	Adorne Paddle	ADPD453LW2	120	24.0%	
Lutron	Ariadni	AYCL-153PH	120	23.0%	

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	9.0%	Flicker below 9%
Lutron	Maestro	MA-600-WH	120	N/A	Flashing at all dimming levels
Leviton	SureSlide	6674-POW	120	N/A	Flashing at high dimming level
Lutron	Caseta	PD-6WCL	120	29.0%	Flicker below 29%
Legrand	Harmony	HCL453PW	120	23.0%	
Legrand	Radiant	RHCL453PW	120	22.0%	
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	8.0%	
Leviton	Decora	IP710-LFZ	120	7.0%	
Control4	Adaptive	C4-TV120277	120	0.3%	Flicker below 0.345%
Lutron	Diva	DVSTV	120	10.0%	
Leviton	Renoir	AWSMT-7DW	120	16.0%	
Legrand	Radiant	RH4FBL3PW	120	5.0%	
Lutron	Nova T	NTSTV	277	8.0%	
Leviton	Decora	IP710-LFZ	277	6.0%	
Control4	Adaptive	C4-TV120277	277	2.0%	
Lutron	Diva	DVSTV	277	10.0%	
Leviton	Renoir	AWSMT-7DW	277	16.0%	
Legrand	Radiant	RH4FBL3PW	277	5.0%	

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