

WAC LIGHTING

Responsible Lighting®

Dimming Compatibility

ID E2204065V0

Product Family: Exterminator II -1023 120V Track Luminaire

SKU Tested: H-1023S-830-BK

Related Models Spot Beam Only: H-1023S-*; J-1023S-*; L-1023S-*; WTK-1023S-

Test Voltage: 120V

Control Type: ELV, TRIAC, MLV

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	0.5%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	2.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.4%	
Legrand	Radiant	RH703PTUW	120	0.8%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	0.7%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.6%	
Cooper	AL Series	AAL06	120	0.5%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	4.0%	
Lutron	Diva	DVELV-300P	120	0.5%	
Lutron	Maestro	MAELV-600	120	0.1%	
Lutron	Skylark	SELV-300P	120	0.5%	
Leviton	Illumatech	IPE04-1LZ	120	0.5%	
Lutron	Maestro	RRD-6NA	120	0.1%	
Leviton	SureSlide	6615-POW	120	11.0%	
Leviton	Decora	DSE06-10Z	120	0.5%	
Lutron	Caseta	PD-5NE	120	0.7%	
Lutron	Homeworks	HRD-5NE	120	0.5%	
Lutron	Homeworks	HQRD-6NA	120	0.1%	
Leviton	Renoir II	AWSMT-EBW	120	4.0%	Flicker below 4%
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	0.5%	
Lutron	Diva	DVCL-153P	120	0.3%	
Legrand	Adorne Paddle	ADPD453LW2	120	16.0%	Flicker below 16%
Lutron	Ariadni	AYCL-153PH	120	0.5%	
Lutron	Skylark	SCL-153P-WH	120	0.3%	
Lutron	Maestro	MA-600-WH	120	N/A	
Leviton	SureSlide	6674-POW	120	0.6%	
Lutron	Caseta	PD-6WCL	120	0.2%	
Legrand	Harmony	HCL453PW	120	72.0%	Flicker below 72%
Legrand	Radiant	RHCL453PW	120	74.0%	Flicker below 74%

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@wacighting.com.

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Dimming Compatibility

ID E2204065V0

Product Family: Exterminator II - 1023 Monopoint Luminaire and 277V W Track Luminaire

Sku Tested: MO-1023S-830-BK

Related Models Spot Beam Only: MO-1023S-* (120-277V); WHK-1023S-* (277V Only)

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	Comments
				Low End	
Adaptive Phase Dimmers					
Control4	Adaptive	C4-APD120	120	0.5%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	2.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.4%	
Legrand	Radiant	RH703PTUW	120	0.8%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	0.7%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.6%	
Cooper	AL Series	AAL06	120	0.5%	
Control4	Adaptive	C4-APD277	277	0.4%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	4.0%	
Lutron	Diva	DVELV-300P	120	0.5%	
Lutron	Maestro	MAELV-600	120	0.1%	
Lutron	Skylark	SELV-300P	120	0.5%	
Leviton	Illumatech	IPE04-1LZ	120	0.5%	
Lutron	Maestro	RRD-6NA	120	0.1%	
Leviton	SureSlide	6615-POW	120	11.0%	
Leviton	Decora	DSE06-10Z	120	0.5%	
Lutron	Caseta	PD-5NE	120	0.7%	
Lutron	Homeworks	HRD-5NE	120	0.5%	
Lutron	Homeworks	HQRD-6NA	120	0.1%	
Leviton	Renoir II	AWSMT-EBW	120	4.0%	Flicker below 4%
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.1%	
Leviton	Renoir II	AWSMT-EBW	277	0.4%	Flicker below 4%
Lutron	Grafik-Eye	GRX-3103-A-G	277	0.6%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MAELV-153M-WH	120	0.5%	
Lutron	Diva	DVCL-153P	120	0.3%	
Legrand	Adorne Paddle	ADPD453LW2	120	16.0%	Flicker below 16%
Lutron	Ariadni	AYCL-153PH	120	0.5%	

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@wacighting.com.

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	0.3%	
Lutron	Maestro	MA-600-WH	120	N/A	
Leviton	SureSlide	6674-POW	120	0.6%	
Lutron	Caseta	PD-6WCL	120	0.2%	
Legrand	Harmony	HCL453PW	120	72.0%	Flicker below 72%
Legrand	Radiant	RHCL453PW	120	74.0%	Flicker below 74%
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	4.0%	
Leviton	Decora	IP710-LFZ	120	0.3%	
Control4	Adaptive	C4-TV120277	120	0.4%	
Lutron	Diva	DVSTV	120	0.3%	
Leviton	Renoir	AWSMT-7DW	120	10.0%	
Legrand	Radiant	RH4FBL3PW	120	0.3%	
Lutron	Nova T	NTSTV	277	4.0%	
Leviton	Decora	IP710-LFZ	277	0.2%	
Control4	Adaptive	C4-TV120277	277	0.2%	
Lutron	Diva	DVSTV	277	0.3%	
Leviton	Renoir	AWSMT-7DW	277	10.0%	
Legrand	Radiant	RH4FBL3PW	277	0.1%	

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Dimming Compatibility

ID E2204066V0

Product Family: Exterminator II -1023 120V Track Luminaire

SKU Tested: H-1023N-830-BK

Related Models Narrow or Flood Beam Only: H-1023N/F-*; J-1023N/F-*; L-1023N/F-*; WTK-1023N/F-*

Test Voltage: 120-277V

Control Type: ELV, TRIAC, MLV

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%	Flicker below 2%
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	2.0%	Flicker below 2%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.4%	Not Recommended
Legrand	Radiant	RH703PTUW	120	0.9%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	10.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.5%	Not Recommended
Cooper	AL Series	AAL06	120	0.5%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	4.0%	Flicker below 4%
Lutron	Diva	DVELV-300P	120	4.0%	Flicker below 4%
Lutron	Maestro	MAELV-600	120	1.0%	Flicker below 1%
Lutron	Skylark	SELV-300P	120	2.0%	Flicker below 2%
Leviton	Illumatech	IPE04-1LZ	120	2.0%	Flicker below 2%
Lutron	Maestro	RRD-6NA	120	2.0%	Flicker below 2%
Leviton	SureSlide	6615-POW	120	12.0%	
Leviton	Decora	DSE06-10Z	120	5.0%	Flicker below 5%
Lutron	Caseta	PD-5NE	120	3.0%	Flicker below 3%
Lutron	Homeworks	HRD-5NE	120	2.0%	Flicker below 2%
Lutron	Homeworks	HQRD-6NA	120	3.0%	Flicker below 3%
Leviton	Renoir II	AWSMT-EBW	120	2.0%	Flicker below 2%
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	0.5%	
Lutron	Diva	DVCL-153P	120	0.4%	
Legrand	Adorne Paddle	ADPD453LW2	120	15.0%	
Lutron	Ariadni	AYCL-153PH	120	0.5%	
Lutron	Skylark	SCL-153P-WH	120	0.4%	
Lutron	Maestro	MA-600-WH	120	N/A	
Leviton	SureSlide	6674-POW	120	0.5%	
Lutron	Caseta	PD-6WCL	120	0.2%	
Legrand	Harmony	HCL453PW	120	3.0%	Flicker below 3%; Step Dimming
Legrand	Radiant	RHCL453PW	120	33.0%	Flicker below 33%; Step Dimming

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@wacighting.com.

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ID E2204066V0

Product Family: Exterminator II -1023 Monopoint Luminaire and 277V W Track Luminaire

Sku Tested: MO-1023N-830-BK

Related Models Narrow or Flood Beam Only: MO-1023N/F-* (120-277V); WHK-1023N/F-* (277V Only)

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	Comments
				Low End	
Adaptive Phase Dimmers					
Control4	Adaptive	C4-APD120	120	2.0%	Flicker below 2%
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	2.0%	Flicker below 2%
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.4%	
Legrand	Radiant	RH703PTUW	120	0.9%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	10.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.5%	
Cooper	AL Series	AAL06	120	0.5%	
Control4	Adaptive	C4-APD277	277	2.0%	Flicker below 2%
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	4.0%	Flicker below 4%
Lutron	Diva	DVELV-300P	120	4.0%	Flicker below 4%
Lutron	Maestro	MAELV-600	120	1.0%	Flicker below 1%
Lutron	Skylark	SELV-300P	120	2.0%	Flicker below 2%
Leviton	Illumatech	IPE04-1LZ	120	2.0%	Flicker below 2%
Lutron	Maestro	RRD-6NA	120	2.0%	Flicker below 2%
Leviton	SureSlide	6615-POW	120	12.0%	
Leviton	Decora	DSE06-10Z	120	5.0%	Flicker below 5%
Lutron	Caseta	PD-5NE	120	3.0%	Flicker below 3%
Lutron	Homeworks	HRD-5NE	120	2.0%	Flicker below 2%
Lutron	Homeworks	HQRD-6NA	120	3.0%	Flicker below 3%
Leviton	Renoir II	AWSMT-EBW	120	2.0%	Flicker below 2%
Lutron	Grafik-Eye	GRX-3103-A-G	120	2.0%	Flicker below 2%
Leviton	Renoir II	AWSMT-EBW	277	11.0%	Flicker below 2%
Lutron	Grafik-Eye	GRX-3103-A-G	277	5.0%	Flicker below 2%
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	0.5%	
Lutron	Diva	DVCL-153P	120	0.4%	
Legrand	Adorne Paddle	ADPD453LW2	120	15.0%	
Lutron	Ariadni	AYCL-153PH	120	0.5%	

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	0.4%	
Lutron	Maestro	MA-600-WH	120	N/A	
Leviton	SureSlide	6674-POW	120	0.5%	
Lutron	Caseta	PD-6WCL	120	0.2%	
Legrand	Harmony	HCL453PW	120	3.0%	Flicker below 3%; Step Dimming
Legrand	Radiant	RHCL453PW	120	33.0%	Flicker below 33%; Step Dimming
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	3.0%	
Leviton	Decora	IP710-LFZ	120	0.1%	
Control4	Adaptive	C4-TV120277	120	0.1%	
Lutron	Diva	DVSTV	120	0.1%	
Leviton	Renoir	AWSMT-7DW	120	12.0%	
Legrand	Radiant	RH4FBL3PW	120	0.1%	
Lutron	Nova T	NTSTV	277	4.0%	
Leviton	Decora	IP710-LFZ	277	0.1%	
Control4	Adaptive	C4-TV120277	277	0.1%	
Lutron	Diva	DVSTV	277	0.1%	
Leviton	Renoir	AWSMT-7DW	277	11.0%	
Legrand	Radiant	RH4FBL3PW	277	0.2%	

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