

WAC LIGHTING

Responsible Lighting®

Dimming Compatibility

ID E2204067V0

Product Family: Exterminator II - 1052 120V Track Luminaire

Sku Tested: H-1052S-830-BK

Related Models Spot Beam Only: H-1052S-*; J-1052S-*; L -1052S-*; WTK-1052S-* (120V Only)

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	0.3%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	2.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.6%	
Legrand	Radiant	RH703PTUW	120	0.7%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	5.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.7%	
Cooper	AL Series	AAL06	120	0.7%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	2.0%	
Lutron	Diva	DVELV-300P	120	0.7%	
Lutron	Maestro	MAELV-600	120	0.6%	
Lutron	Skylark	SELV-300P	120	0.7%	
Leviton	Illumatech	IPE04-1LZ	120	0.7%	
Lutron	Maestro	RRD-6NA	120	0.6%	
Leviton	SureSlide	6615-POW	120	6.0%	
Leviton	Decora	DSE06-10Z	120	0.7%	
Lutron	Caseta	PD-5NE	120	1.0%	
Lutron	Homeworks	HRD-5NE	120	0.7%	
Lutron	Homeworks	HQRD-6NA	120	0.6%	
Leviton	Renoir II	AWSMT-EBW	120	0.2%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	0.7%	
Lutron	Diva	DVCL-153P	120	0.6%	
Legrand	Adorne Paddle	ADPD453LW2	120	21.0%	Flicker below 21%
Lutron	Ariadni	AYCL-153PH	120	0.7%	
Lutron	Skylark	SCL-153P-WH	120	0.6%	
Lutron	Maestro	MA-600-WH	120	38.0%	Flicker below 38%
Leviton	SureSlide	6674-POW	120	0.7%	
Lutron	Caseta	PD-6WCL	120	0.0%	
Legrand	Harmony	HCL453PW	120	59.0%	Flicker below 59%; Step Dimming
Legrand	Radiant	RHCL453PW	120	52.0%	Flicker below 52%

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 E2204067V0

Product Family: Exterminator II - 1052 Monopoint Luminaire and 277V W Track Luminaire

Sku Tested: MO-1052S-830-BK

Related Models Spot Beam Only: MO-1052S-* (120-277V); WHK-1052S-* (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	0.3%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	2.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.6%	
Legrand	Radiant	RH703PTUW	120	0.7%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	5.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.7%	
Cooper	AL Series	AAL06	120	0.7%	
Control4	Adaptive	C4-APD277	277	0.7%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	2.0%	
Lutron	Diva	DVELV-300P	120	0.7%	
Lutron	Maestro	MAELV-600	120	0.6%	
Lutron	Skylark	SELV-300P	120	0.7%	
Leviton	Illumatech	IPE04-1LZ	120	0.7%	
Lutron	Maestro	RRD-6NA	120	0.6%	
Leviton	SureSlide	6615-POW	120	6.0%	
Leviton	Decora	DSE06-10Z	120	0.7%	
Lutron	Caseta	PD-5NE	120	1.0%	
Lutron	Homeworks	HRD-5NE	120	0.7%	
Lutron	Homeworks	HQRD-6NA	120	0.6%	
Leviton	Renoir II	AWSMT-EBW	120	0.2%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.5%	
Leviton	Renoir II	AWSMT-EBW	277	0.6%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	1.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	0.7%	
Lutron	Diva	DVCL-153P	120	0.6%	
Legrand	Adorne Paddle	ADPD453LW2	120	21.0%	Flicker below 21%
Lutron	Ariadni	AYCL-153PH	120	0.7%	

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	0.6%	
Lutron	Maestro	MA-600-WH	120	38.0%	Flicker below 38%
Leviton	SureSlide	6674-POW	120	0.7%	
Lutron	Caseta	PD-6WCL	120	0.0%	
Legrand	Harmony	HCL453PW	120	59.0%	Flicker below 59%; Step Dimming
Legrand	Radiant	RHCL453PW	120	52.0%	Flicker below 52%
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	4.0%	
Leviton	Decora	IP710-LFZ	120	0.7%	
Control4	Adaptive	C4-TV120277	120	0.3%	
Lutron	Diva	DVSTV	120	0.9%	
Leviton	Renoir	AWSMT-7DW	120	4.0%	
Legrand	Radiant	RH4FBL3PW	120	0.4%	
Lutron	Nova T	NTSTV	277	3.0%	Flicker below 3%
Leviton	Decora	IP710-LFZ	277	3.0%	Flicker below 3%
Control4	Adaptive	C4-TV120277	277	2.0%	Flicker below 2%
Lutron	Diva	DVSTV	277	4.0%	Flicker below 4%
Leviton	Renoir	AWSMT-7DW	277	4.0%	
Legrand	Radiant	RH4FBL3PW	277	3.0%	Flicker below 3%

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Dimming Compatibility

ID E2204068V0

Product Family: Exterminator II 1052 120V Track Luminaire

Sku Tested: H-1052N-830-BK

Related Models Narrow or Flood Beam Only: H-1052N/F-*; J-1052N/F-*; L-1052N/F-*; WTK-1052N/F-*

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	0.4%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	3.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.4%	
Legrand	Radiant	RH703PTUW	120	0.5%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	4.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.5%	
Cooper	AL Series	AAL06	120	0.5%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	3.0%	
Lutron	Diva	DVELV-300P	120	0.5%	
Lutron	Maestro	MAELV-600	120	0.4%	
Lutron	Skylark	SELV-300P	120	0.5%	
Leviton	Illumatech	IPE04-1LZ	120	1.0%	
Lutron	Maestro	RRD-6NA	120	0.4%	
Leviton	SureSlide	6615-POW	120	N/A	Dimmer not responsive
Leviton	Decora	DSE06-10Z	120	0.5%	
Lutron	Caseta	PD-5NE	120	1.0%	
Lutron	Homeworks	HRD-5NE	120	0.5%	
Lutron	Homeworks	HQRD-6NA	120	0.4%	
Leviton	Renoir II	AWSMT-EBW	120	0.2%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	0.5%	
Lutron	Diva	DVCL-153P	120	0.5%	
Legrand	Adorne Paddle	ADPD453LW2	120	22.0%	Flicker below 22%
Lutron	Ariadni	AYCL-153PH	120	1.0%	
Lutron	Skylark	SCL-153P-WH	120	0.5%	
Lutron	Maestro	MA-600-WH	120	9.0%	Flicker below 9%
Leviton	SureSlide	6674-POW	120	0.5%	
Lutron	Caseta	PD-6WCL	120	0.2%	
Legrand	Harmony	HCL453PW	120	30.0%	Flicker below 30%
Legrand	Radiant	RHCL453PW	120	30.0%	Flicker below 30%

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ID E2204068V0

Product Family: Exterminator II - 1052 Monopoint Luminaire and 277V W Track Luminaire

Sku Tested: MO-1052N-830-BK

Related Models Narrow or Flood Beam Only: MO-1052N/F-* (120-277V); WHK-1052N/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	0.4%	
Legrand	Adorne Touch (ELV)	ADTH700RMTUM1	120	3.0%	
Legrand	Adorne Touch (TRIAC)	ADTH700RMTUM1	120	0.4%	
Legrand	Radiant	RH703PTUW	120	0.5%	
Legrand	Adorne (ELV)	ADTP703TUW4	120	4.0%	
Legrand	Adorne (TRIAC)	ADTP703TUW4	120	0.5%	
Cooper	AL Series	AAL06	120	0.5%	
Control4	Adaptive	C4-APD277	277	0.5%	
Reverse Phase Dimmers (ELV)					
Lutron	Nova T	NTELV-600	120	3.0%	
Lutron	Diva	DVELV-300P	120	0.5%	
Lutron	Maestro	MAELV-600	120	0.4%	
Lutron	Skylark	SELV-300P	120	0.5%	
Leviton	Illumatech	IPE04-1LZ	120	1.0%	
Lutron	Maestro	RRD-6NA	120	0.4%	
Leviton	SureSlide	6615-P0W	120	N/A	Dimmer not responsive
Leviton	Decora	DSE06-10Z	120	0.5%	
Lutron	Caseta	PD-5NE	120	1.0%	
Lutron	Homeworks	HRD-5NE	120	0.5%	
Lutron	Homeworks	HQRD-6NA	120	0.4%	
Leviton	Renoir II	AWSMT-EBW	120	0.2%	
Lutron	Grafik-Eye	GRX-3103-A-G	120	0.3%	
Leviton	Renoir II	AWSMT-EBW	277	0.5%	
Lutron	Grafik-Eye	GRX-3103-A-G	277	1.0%	
Forward Phase Dimmers (TRIAC)					
Lutron	Maestro	MACL-153M-WH	120	0.5%	
Lutron	Diva	DVCL-153P	120	0.5%	
Legrand	Adorne Paddle	ADPD453LW2	120	22.0%	Flicker below 22%
Lutron	Ariadni	AYCL-153PH	120	1.0%	

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Forward Phase Dimmers (TRIAC) Cont.					
Lutron	Skylark	SCL-153P-WH	120	0.5%	
Lutron	Maestro	MA-600-WH	120	9.0%	Flicker below 9%
Leviton	SureSlide	6674-POW	120	0.5%	
Lutron	Caseta	PD-6WCL	120	0.2%	
Legrand	Harmony	HCL453PW	120	30.0%	Flicker below 30%
Legrand	Radiant	RHCL453PW	120	30.0%	Flicker below 30%
0-10V Dimmers					
Lutron	Nova T	NTSTV	120	3.0%	
Leviton	Decora	IP710-LFZ	120	0.5%	
Control4	Adaptive	C4-TV120277	120	0.2%	
Lutron	Diva	DVSTV	120	0.5%	
Leviton	Renoir	AWSMT-7DW	120	3.0%	
Legrand	Radiant	RH4FBL3PW	120	0.4%	
Lutron	Nova T	NTSTV	277	2.0%	Flicker below 2%
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%
Leviton	Renoir	AWSMT-7DW	277	3.0%	
Legrand	Radiant	RH4FBL3PW	277	2.0%	Flicker below 2%

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