



DimALL™ 120-277V Dimmable LED Drivers

Specification Sheet



Type

Driver Part #

Specifications

	30 Watt CLASS 2	60 Watt CLASS 2	96 Watt CLASS 2	150 Watt
	#DR-30W-24V-DIMALL	#DR-60W-24V-DIMALL	#DR-96W-24V-DIMALL	#DR-150W-24V-DIMALL
Input Voltage	100-277V AC	100-277V AC	100-277V AC	100-277V AC
Output Voltage	24V DC	24V DC	24V DC	24V DC
Maximum Load¹	24 Watts	48 Watts	77 Watts	120 Watts
Minimum Load²	3 Watts	6 Watts	10 Watts	15 Watts
Dimensions (LxWxH)	6-1/2" x 3-5/8" x 1-5/8"	7-3/8" x 3-5/8" x 1-5/8"	8-11/16" x 3-11/16" x 1-11/16"	10-1/4" x 4-1/16" x 1-13/16"
Dimming³ <i>See pages 3-4 for recommended dimmers</i>	<ul style="list-style-type: none"> 0-10V Electronic Low Voltage (ELV) Magnetic Low Voltage (MLV) Incandescent CFL/LED 	<ul style="list-style-type: none"> 0-10V Electronic Low Voltage (ELV) Magnetic Low Voltage (MLV) Incandescent CFL/LED 	<ul style="list-style-type: none"> 0-10V Electronic Low Voltage (ELV) Magnetic Low Voltage (MLV) Incandescent CFL/LED 	<ul style="list-style-type: none"> 0-10V Electronic Low Voltage (ELV) Magnetic Low Voltage (MLV) Incandescent CFL/LED
Ambient Temperature⁴	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
Average Efficiency	80%	84%	86%	87%
Wire Gauge	Input & Output = 18 AWG	Input & Output = 18 AWG	Input & Output = 18 AWG	Input & Output = 18 AWG
Power Factor	0.98 @ 120V 0.95 @ 277V	0.98 @ 120V 0.95 @ 277V	0.98 @ 120V 0.95 @ 277V	0.99 @ 120V 0.94 @ 277V
Protections	<ul style="list-style-type: none"> Short Circuit Over Load Over Temperature 	<ul style="list-style-type: none"> Short Circuit Over Load Over Temperature 	<ul style="list-style-type: none"> Short Circuit Over Load Over Temperature 	<ul style="list-style-type: none"> Short Circuit Over Load Over Temperature
Weight	2 lbs. 1.5 oz.	2 lbs. 6.8 oz.	2 lbs. 13.9 oz.	3 lbs. 15.5 oz.
Environment	Outdoor, Wet (<i>non-submersible</i>)	Outdoor, Wet (<i>non-submersible</i>)	Outdoor, Wet (<i>non-submersible</i>)	Outdoor, Wet (<i>non-submersible</i>)
Ratings	<ul style="list-style-type: none"> UL Listed (E501433) Class 2⁵ Type HL FCC RoHS 	<ul style="list-style-type: none"> UL Listed (E501433) Class 2⁵ Type HL FCC RoHS 	<ul style="list-style-type: none"> UL Listed (E501433) Class 2⁵ Type HL FCC RoHS 	<ul style="list-style-type: none"> UL Listed (E501433) Type HL FCC RoHS
Warranty	5 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited

1 80% recommended capacity for prolonged life of driver. 2 Minimum load without dimmer. If using a dimmer, minimum load may change. See pages 3-4 for a list of recommended dimmers with minimum driver load requirements. 3 Some dimmers may not be compatible with this driver. See pages 3-4 for a list of recommended dimmers.

4 Drivers must be installed in an area with proper ventilation to ensure normal operation. § Complies with the Class 2 standards and guidelines set by the NFPA, outlined in the National Electrical Code (NEC) handbook.



DimALL™ 120-277V Dimmable LED Drivers

Specification Sheet



Type

Driver Part #

Specifications

	192 Watt CLASS 2	200 Watt	288 Watt CLASS 2	300 Watt
	#DR-192W-24V-DIMALL	#DR-200W-24V-DIMALL	#DR-288W-24V-DIMALL	#DR-300W-24V-DIMALL
Input Voltage	100-277V AC	100-277V AC	100-277V AC	100-277V AC
Output Voltage	24V DC per Output (x2 Outputs)	24V DC	24V DC per Output (x3 Outputs)	24V DC
Maximum Load¹	77 Watts per Output (x2 Outputs)	160 Watts	77 Watts per Output (x3 Outputs)	240 Watts
Minimum Load²	10 Watts per Output (x2 Outputs)	20 Watts	10 Watts per Output (x3 Outputs)	30 Watts
Dimensions (LxWxH)	10-15/16" x 4-5/16" x 1-3/4"	10-1/4" x 4-1/16" x 1-13/16"	11-7/8" x 4-5/16" x 1-3/4"	10-15/16" x 4-1/4" x 1-13/16"
Dimming³ <i>See pages 3-4 for recommended dimmers</i>	<ul style="list-style-type: none"> 0-10V Electronic Low Voltage (ELV) Magnetic Low Voltage (MLV) Incandescent CFL/LED 	<ul style="list-style-type: none"> 0-10V Electronic Low Voltage (ELV) Magnetic Low Voltage (MLV) Incandescent CFL/LED 	<ul style="list-style-type: none"> 0-10V Electronic Low Voltage (ELV) Magnetic Low Voltage (MLV) Incandescent CFL/LED 	<ul style="list-style-type: none"> 0-10V Electronic Low Voltage (ELV) Magnetic Low Voltage (MLV) Incandescent CFL/LED
Ambient Temperature⁴	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
Average Efficiency	89%	88%	91%	92%
Wire Gauge	Input & Output = 18 AWG	Input & Output = 18 AWG	Input & Output = 18 AWG	Input & Output = 18 AWG
Power Factor	0.99 @ 120V 0.94 @ 277V	0.98 @ 120V 0.95 @ 277V	0.99 @ 120V 0.95 @ 277V	0.99 @ 120V 0.95 @ 277V
Protections	<ul style="list-style-type: none"> Short Circuit Over Load Over Temperature 	<ul style="list-style-type: none"> Short Circuit Over Load Over Temperature 	<ul style="list-style-type: none"> Short Circuit Over Load Over Temperature 	<ul style="list-style-type: none"> Short Circuit Over Load Over Temperature
Weight	5 lbs. 1 oz.	3 lbs. 15.5 oz.	5 lbs. 8 oz.	4 lbs. 6.5 oz.
Environment	Outdoor, Wet (<i>non-submersible</i>)	Outdoor, Wet (<i>non-submersible</i>)	Outdoor, Wet (<i>non-submersible</i>)	Outdoor, Wet (<i>non-submersible</i>)
Ratings	<ul style="list-style-type: none"> UL Listed (E501433) Class 2⁵ Type HL FCC RoHS 	<ul style="list-style-type: none"> UL Listed (E501433) Type HL FCC RoHS 	<ul style="list-style-type: none"> UL Listed (E501433) Class 2⁵ Type HL FCC RoHS 	<ul style="list-style-type: none"> UL Listed (E501433) Type HL FCC RoHS
Warranty	5 Year Limited	5 Year Limited	5 Year Limited	5 Year Limited

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4 Drivers must be installed in an area with proper ventilation to ensure normal operation. 5 Complies with the Class 2 standards and guidelines set by the NFPA, outlined in the National Electrical Code (NEC) handbook.



Recommended Dimmers*

Dimmer Model	Compatible Part #'s	Dimming Type	Minimum Driver Load Requirement	Dimming Range (Lumen Output)
Lutron Ariadni / Toggler	AYCL-153P	CFL/LED	10%	100% to 1%
	TGCL-153P	CFL/LED	10%	100% to 1%
	TG-600P	Incandescent	10%	100% to 1%
	TG-10P	Incandescent	10%	100% to 1%
Lutron Caseta	PD-6WCL	CFL/LED	10%	100% to 1%
	PD-5NE	Phase-Selectable	10%	100% to 1%
Lutron Diva	DVRP-253P	ELV	10%	100% to 1%
	DVCL-153P	CFL/LED	10%	100% to 1%
	DWVCL-153	CFL/LED	10%	100% to 1%
	DVSCCL-153P	CFL/LED	10%	100% to 1%
	DVSCCL-253P	CFL/LED	10%	100% to 1%
	DV-600P	Incandescent	10%	100% to 1%
Lutron Lumea	LECL-153P	CFL/LED	10%	100% to 1%
Lutron Skylark	SELV-300P	ELV	10%	100% to 1%
	CTRP-253P	ELV	10%	100% to 1%
	CTCL-153P	CFL/LED	10%	100% to 1%
	CTCL-153P	CFL/LED	10%	100% to 1%
	CT-600P	Incandescent	10%	100% to 1%
	CT-103P	Incandescent	10%	100% to 1%
	S-600P	Incandescent	10%	100% to 1%
	SLV-600P	Incandescent/MLV	10%	100% to 1%
	SCL-153P	CFL/LED	10%	100% to 1%
Lutron Maestro	MSCELV-600M	ELV	10%	100% to 1%
	MRF2-ELV	ELV	10%	100% to 1%
	MA-PRO	Phase-Selectable	10%	100% to 1%
	MACL-153M	CFL/LED	10%	100% to 1%
	MSCL-OP153M	CFL/LED	10%	100% to 1%
	MRF2-6CL	CFL/LED	10%	100% to 1%
	MIR-600M	Incandescent	10%	100% to 1%
	MSC-600	Incandescent	10%	100% to 1%
	MSC-1000	Incandescent	10%	100% to 1%
	MA-600	Incandescent	10%	100% to 1%
	MA-1000	Incandescent	10%	100% to 1%
	MRF2-6ND	Incandescent	10%	100% to 1%

* Dimmers thoroughly tested by manufacturer. All dimmers listed meet the driver manufacturer's dimming and performance standards. Due to numerous varying factors, dimming performance may vary. Additional dimmers will be compatible with these drivers, though may not have been tested by the manufacturer.

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Recommended Dimmers (cont.)*

Dimmer Model	Compatible Part #'s	Dimming Type	Minimum Driver Load Requirement	Dimming Range (Lumen Output)
Legrand Wide Slide Trademaster	WSCL453PTC	CFL/LED	10%	100% to 1%
Legrand LS Trademaster	LSCL453PI	CFL/LED	10%	100% to 1%
Legrand sofTap	ADTP700MMTU	Incandescent/MLV	10%	100% to 1%
Legrand adorne Paddle	ADPD453L	Incandescent	10%	100% to 1%
Legrand Radiant Paddle	RHCL453PW	Incandescent/MLV	10%	100% to 1%
GE Z-Wave Plus Wireless	14294	Incandescent	10%	100% to 1%
Leviton Decora Universal	DSM10-1LZ	Incandescent/MLV	10%	100% to 1%
Leviton Decora Smart	DW6HD-1BZ DZ6HD	Incandescent Incandescent	10% 10%	100% to 1% 100% to 1%
Leviton Decora SureSlide	6674 6672	Incandescent/MLV Incandescent/MLV	10% 10%	100% to 1% 100% to 1%
Leviton Decora TrueTouch	TTI06-1LZ	Incandescent	10%	100% to 1%
Leviton Vizia	VPI06-1LZ	Incandescent	10%	100% to 1%
Leviton IllumaTech	IPL06	Incandescent	10%	100% to 1%
Leviton Trimatron	6602 6603	Incandescent Incandescent	10% 10%	100% to 1% 100% to 1%
Leviton Universal TableTop	TBL03	Incandescent	10%	100% to 1%
Crestron	CLW-DELVEX-P-W-S	ELV	10%	100% to 1%

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