

POWER SOURCE

PDV Series Dimmer Compatibility Table

Model	Load (W)	Dimmer							
		Arlec 9021	Clipsal 32E450TM	Clipsal 32E450UDM	Clipsal 32ELEDM	Diginet	S-Click HNS620DT	Krobox	Dimpala DIMR*
Output Voltage Under Load (VDC)									
PDV-30-12	8	0 - 12	6.3 - 12	6.6 - 12	0 - 12	0 - 12	0 - 12	0 - 12	0 - 12
	16	0 - 11.9	6.3 - 12	6.6 - 12	0 - 12	0 - 12	0 - 12	0 - 11.8	0 - 12
	30	0 - 11.8	6.3 - 11.8	6.5 - 12	0 - 12	0 - 12	0 - 12	0 - 11.6	0 - 12
PDV-30-24	8	0 - 24	13 - 24	13.6 - 24	0 - 24	0 - 24	0 - 24	0 - 21.8	0 - 24
	16	0 - 23.8	13 - 23.9	13.7 - 23.9	0 - 23.9	0 - 23.9	0 - 23.9	0 - 21.8	0 / 23.9
	30	0 - 23.8	13 - 23.8	14 - 23.8	0 - 23.8	0 - 23.8	0 - 23.8	0 - 20.3	0 - 23.8
PDV-75-12	17	Not Tested	1.5 - 12	0 - 12	0 - 12	0 - 12	0 - 12	0 - 12	0 - 12
	45	Not Tested	0.2 - 12	0.4 - 12	0 - 12	0 - 12	0 - 12	0 - 8	0 - 12
	75	Not Tested	0.3 - 12	0.6 - 12	0.2 - 12	0 - 12	0 - 12	0 - 7.8	0 - 12
PDV-75-24	8	Not Tested	14.4 - 24.2	14.7 - 24.2	13.8 - 24.2	0 - 24	0 - 24.2	0 - 21.2	0 - 24.2
	39	Not Tested	14 - 24.2	14.1 - 23.9	13.5 - 24.2	0 - 24.2	0 - 24.2	0 - 20.6	0 - 24.2
	75	Not Tested	12.2 - 23.7	12.4 - 23.7	11.6 - 23.7	0 - 23.5	0 - 23.5	0 - 18	0 - 23.7
PDV-100-12	8	0 - 12	1.5 - 12	1.5 - 12	4.8 - 12	0 - 12	0 - 12	0 - 9.2	0 - 12
	60	0 - 11.9	0.9 - 12	0.9 - 12	0 - 12	0 - 12	0 - 12	0 - 8.6	0 - 11.9
	96	0 - 11.8	0.9 - 12	0.9 - 12	0 - 12	1.5 - 12	0 - 12	0 - 8.5	0 - 11.8
PDV-100-24	8	0 - 23.9	14 - 24	14 - 24	14 - 24	0 - 24	0 - 24	0 - 24	0 - 24
	36	0 - 23.7	6 - 23.7	6 - 23.7	5 - 23.7	0 - 23.8	0 - 23.7	0 - 18.2	0 - 23.8
	96	0 - 23.3	1.4 - 23.3	2 - 23.5	0.5 - 23.3	0 - 23.3	0 - 23.5	0 - 14	0 - 23.5
PDV-150-12	50	0 - 12	3.5 - 12	3.7 - 12	3.2 - 12	0 - 12	0 - 12	0 - 9.2	0 - 12
	92	0 - 11.8	4 - 11.8	4 - 11.8	3.5 - 11.8	0 - 11.8	0 - 11.8	0 - 8.6	0 - 11.9
	150	0 - 11.6	5.3 - 11.6	5.3 - 11.6	5 - 11.6	0 - 11.6	0 - 11.6	0 - 8.5	0 - 11.8
PDV-150-24	18	0 - 24	13 - 24	13 - 24	12.8 - 24	0 - 24	0 - 24	0 - 24	0 - 24
	105	0 - 24	1.7 - 24	2 - 23.9	1.1 - 24	0 - 24	0 - 24	0 - 19.3	0 - 24
	144	0 - 23.8	1.4 - 23.8	1.4 - 23.8	0.5 - 23.8	0 - 23.8	0 - 23.8	0 - 19.6	0 - 23.8
PDV-200-12	50	0 - 12	1.1 - 12	1.1 - 12	0.2 - 12	0 - 12	0 - 12	0 - 7.9	0 - 12
	105	0 - 11.8	0.8 - 11.8	0.9 - 11.8	0 - 11.8	0 - 11.8	0 - 11.8	0 - 6.7	0 - 11.9
	194	0 - 11.6	0.5 - 11.6	0.5 - 11.6	0 - 11.6	0 - 11.6	0 - 11.6	0 - 5.8	0 - 11.8
PDV-200-24	18	0 - 24	11.5 - 24	11.6 - 24	11.4 - 24	0 - 24	0 - 24	0 - 24	0 - 24
	105	0 - 24	11.8 - 23.9	11.6 - 23.9	11.2 - 23.8	0 - 23.9	0 - 23.9	0 - 19.3	0 - 23.9
	200	0 - 23.5	13.4 - 23.5	13.6 - 23.5	13 - 23.5	0 - 23.5	0 - 23.5	0 - 19.6	0 - 23.5

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		Arllec 9021	Clipsal 32E450TM	Clipsal 32E450UDM	Clipsal 32ELEDM	Diginet	S-Click HNS620DT	Krobox	Dimpala DIMR*
Output Voltage Under Load (VDC)									
PDV-300-12	24	Not Tested	1 - 12	7.6 - 12	0.6 - 12	0 - 12	0 - 12	0 - 7	0 - 12
	150	Not Tested	0.7 - 12	1 - 12	0.5 - 12	0 - 12	0 - 12	0 - 7	0 - 12
	300	Not Tested	0.7 - 12	1 - 12	0.5 - 12	0 - 12	0 - 12	0 - 7	0 - 12
PDV-300-24	24	Not Tested	13.8 - 24	14 - 24	13.3 - 24	0 - 24	13 - 24	0 - 23	0 - 24
	150	Not Tested	4 - 24	4 - 24	3 - 24	0 - 24	2 - 24	0 - 15	0 - 24
	300	Not Tested	1.8 - 24	2.2 - 24	1 - 24	0 - 24	1 - 24	0 - 13.8	0 - 24
PDV-360-12	50	0 - 12	6.4 - 12	6.5 - 12	0.2 - 12	0 - 12	Over dimmer's rating	0 - 10	0 - 12
	136	0 - 11.8	5.2 - 11.8	5.4 - 11.8	0 - 11.8	0 - 11.8	0 - 12	0 - 8.6	0 - 11.9
	312	0 - 11.6	3.5 - 11.6	3.9 - 11.5	0 - 11.3	0 - 11.4	0 - 12	0 - 6.9	0 - 11.8
PDV-360-24	18	0 - 24	14 - 24	14 - 24	14 - 24	0 - 24	Over dimmer's rating	0 - 21.8	0 - 24
	114	0 - 23.8	9 - 23.8	9 - 23.8	8.3 - 23.8	0 - 23.9	0 - 24.2	0 - 18	0 - 23.8
	312	0 - 23.6	3.5 - 23.6	3.5 - 23.6	1 - 23.6	0 - 23.4	0 - 23.5	0 - 13.8	0 - 23.4
	96	0 - 11.8	0.9 - 12	0.9 - 12	0 - 12	1.5 - 12	0 - 12	0 - 8.5	0 - 11.8

About this Table

This data should not be read as a product review of the dimmers listed, nor as a comment on the quality of these dimmers.

This data has been published to indicate the compatibility of the Power Source series of PDV LED drivers, with the most commonly used dimmers.

These are the published results from tests carried out by ADM Systems' technical department.

Actual performance may vary due to factors, such as the brand and type of LEDs used. This data is only to be used as a guide.

It is recommended that for critical applications the lighting designer / installer carries out their own tests.

Please refer to the product data sheet for further technical details.