

Ascendia Driver Compatibility Test Data

Constant Current, mA	Manufacturer	Model Number	Published Ratings					Dimming Evaluation				Full-Power (9.9V)			
			Input		Output	Maximum Tc (°C)	Dimmable (Y/N)	Dim to Off (Y/N)	Voltage to On (V)	Dimming %	Dimming Quality	Input			
			Voltage (VAC)	Current (Amps)	VDC							V	A	W	Pf

Nominal 8800 Lumens (4000 K CCT - 80 CRI)

2100	Inventronics	EUC-120S210DT	100-277	1.5@100V	34-57	90	Yes (0-10V)	No	0	10-110	Smooth	122	0.99	119.3	0.99
2050	Amperor	ANP151-75P1-277	100-240	2	75 (max)	80	Yes (0-10V)	Yes	0.6	0-100	Stages	122	0.95	114.5	0.99
2000	ERP Power LLC	EVM110W-2000-52-N1B	120-277	1.5	40-52	90	Yes (0-10V)	Yes	0.3	0-100	Smooth	120	0.97	116.0	0.99

Nominal 6500 Lumens (4000 K CCT - 80 CRI)

1400	Inventronics	EUC-075S140DT	100-277	0.9@100V	27-54	87	Yes (0-10V)	No	0	10-110	Smooth	122	0.66	79.1	0.99
1500	Phillips Advance	LEDINTA1500C100DOM	100-277		30-100	80	Yes (0-10V)	No	0	10-110	Smooth	121	0.69	82.5	0.99

Nominal 5150 Lumens (4000 K CCT - 80 CRI)

1050	Inventronics	EUC-075S105DT	100-277	0.9@100V	36-72	90	Yes (0-10V)	No	0	10-110	Smooth	120	0.48	56.5	0.99
1050	Phillips Advance	XI075C105V070CNY1	100-277		36-72	80	Yes (0-10V)	No	0	10-110	Smooth	122	0.47	57.1	0.99
1050	eldoLED	SOLOdrive 561/S	120-250	0.7 (max)	< 60	85	Yes (0-10V)	Yes	0.9	0-100	Smooth	122	0.45	54.2	0.99

Nominal 3625 Lumens (4000 K CCT - 80 CRI)

700	Inventronics	EUC-050S070DT	100-240	0.8@100V	82 (max)	90	Yes (0-10V)	No	0	20-100	Smooth	122	0.31	37.2	0.98
700	Phillips Advance	XI040C070V056CNJ1	100-277		12-54	80	Yes (0-10V)	No	0	10-110	Smooth	121	0.31	37.6	0.99
700	eldoLED	SOLOdrive 561/S	120-250	0.7 (max)	< 60	85	Yes (0-10V)	Yes	0.9	0-100	Smooth	123	0.31	36.8	0.98

This information is frequently updated and subject to change. Please contact Heatron for the most recent driver compatibility data.

