
















# Driver comparison.

For full driver specifications visit our website [collingwoodlighting.com](http://collingwoodlighting.com)

	RATED WATTAGE (OUTPUT)	OUTPUT VOLTAGE	OUTPUT CURRENT	INPUT WATTAGE (MAX)	INPUT VOLTAGE	INPUT CURRENT (MAX)	INRUSH CURRENT	POWER FACTOR	AMBIENT TEMP. (T <sub>A</sub> = °C)	CONTROL	DOUBLE INSULATION	EFFICIENCY	IP RATING	PLUG & PLAY
 <b>PSMD3024</b>	30W	24V DC	1.25A max.	36W	180-240V AC	0.17A	3A 78ms	>0.9	-20°C to 50°C	Mains Dimmable	Yes	83% with max load	IP20	
 <b>PS1524</b>	15W	24V DC	0.625A max.	18W	220-240V AC	0.08A	28A 0.02ms	>0.5	45°C	Dimmable with PDCINT 1-10V	Yes	>84%	IP20	
 <b>PS3024B</b>	30W	24V DC	1.25A max.	36W	220-240V AC	0.24A	20A 0.78ms	>0.9	-20°C to 45°C	Dimmable with PDCINT 1-10V	Yes	>80%	IP20	
 <b>PS5024</b>	50W	24V DC	2A max.	59W	220-240V AC	0.27A	70A 0.4ms	>0.9	-25°C to 45°C	Dimmable with PDCINT 1-10V	Yes	>85%	IP20	
 <b>PS10024</b>	100W	24V DC	4A max.	120W	220-240V AC	0.54A	75A 0.7ms	>0.9	-25°C to 45°C	Dimmable with PDCINT 1-10V	Yes	90%	IP20	
 <b>PS7524</b>	75W	24V DC	3.13A max.	90W	200-240V AC	0.4A max.	75A 0.11ms	>0.9	-20°C to 45°C	Dimmable with PDCINT 1-10V	Yes	85%	IP20	
 <b>PSMDIP10024</b>	100W	24V DC	4.17A	120W	180-264V AC	0.8A max.	30A 0.2ms	0.6	40°C	Mains dimmable		85% with max load	IP66	
 <b>PSDIP6024</b>	60W	24V DC	2.5A max.	71W	220-240V AC	0.35A	10A 0.4ms	>0.9	-25°C to 45°C	0-10V dimmable		>85%	IP66	
 <b>PSDIP10024</b>	100W	24V DC	4.15A max.	120W	220-240V AC	0.546A	45A 0.7ms	>0.98	-40°C to 60°C	0-10V dimmable		>80%	IP66	
 <b>PSDAL20024</b>	200W	24V DC	8.33A max.	240W	220-240V AC	1A	50A 0.8ms	>0.98	-25°C to 60°C	DALI dimmable		>85%	IP66	
 <b>PSIP15024</b>	150W	24V DC	6.3A max.	178W	220-240V AC	0.80A	45A 1ms	>0.95	-40°C to 60°C	Dimmable with PDCINT 1-10V		>85%	IP67	
 <b>PSIP25024</b>	250W	24V DC	10.4A max.	285W	220-240V AC	1.6A max.	30A 0.2ms	0.96	50°C	Dimmable with PDCINT 1-10V		84%	IP67	

LOOP IN / LOOP OUT	DIN RAIL MOUNT	PROTECTION	SELY	DIMENSIONS (MM)	WEIGHT	CONNECTION OUTPUT	INPUT CABLE (M)	OUTPUT CABLE	ACCESSORIES	WARRANTY
		Short circuit, overload & overcurrent	Yes	H: 35mm L: 180mm W: 60mm		Terminals	0.5-1.5mm <sup>2</sup>	0.5-1.5mm <sup>2</sup>		3 year guarantee
		Short circuit, overload & overheating	Yes	H: 16mm L: 103mm W: 35.5mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V RGBW/RGB controller C100924	3 year guarantee
		Short circuit, overload & overheating	Yes	H: 30mm L: 143mm W: 45mm		Terminals	0.5-1.5mm <sup>2</sup>	0.5-1.5mm <sup>2</sup>	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V	3 year guarantee
		Short circuit, overload & overheating	Yes	H: 18mm L: 160mm W: 58mm		Terminals	0.5-1.5mm <sup>2</sup>	0.5-1.5mm <sup>2</sup>	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V RGBW/RGB controller C100924	3 year guarantee
		Short circuit, overload & overheating	Yes	H: 31mm L: 180mm W: 65.5mm		Terminals	0.5-2.5mm <sup>2</sup>	0.5-2.5mm <sup>2</sup>	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V	3 year guarantee
		Short circuit, overload, overheating & over voltage	Yes	H: 28.2mm L: 170mm W: 44.5mm		Terminals	0.5-1.5mm <sup>2</sup> max.	0.5-1.5mm <sup>2</sup> max.		3 year guarantee
		Short circuit, overload & over current	Yes	H: 43mm L: 230mm W: 70mm		Flying leads	0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm	0.25m, 1mm <sup>2</sup> 2-core cable Ø: 7mm		3 year guarantee
		Short circuit, overload & overheating	Yes	H: 46mm L: 200mm W: 70mm		Flying leads	Mains: 0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm 1-10V: 0.25m, 0.75mm <sup>2</sup> 2-core cable Ø: 6.5mm	0.25m, 1mm <sup>2</sup> core cable Ø: 7mm	Grid dimmer kit PDC/GRID DIMMER	3 year guarantee
		Short circuit, overload & overheating	Yes	H: 44mm L: 230mm W: 68mm		Flying leads	Mains: 0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm 1-10V: 0.25m, 0.75mm <sup>2</sup> 2-core cable Ø: 6.5mm	0.25m, 1.5mm <sup>2</sup> 2-core cable Ø: 7mm	Grid dimmer kit PDC/GRID DIMMER	3 year guarantee
		Short circuit, overload & overheating	Yes	H: 53mm L: 255mm W: 80mm		Flying leads	Mains: 0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm DALI: 0.25m, 0.75mm <sup>2</sup> 2-core cable Ø: 7mm	0.25m, 1.5mm <sup>2</sup> 2-core cable Ø: 9mm		3 year guarantee
		Short circuit, overload & overheating	Yes	H: 37mm L: 190mm W: 62mm		Flying leads	0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm	0.25m, 1mm <sup>2</sup> 2-core cable Ø: 8mm	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V	3 year guarantee
		Short circuit, overload & over current	Yes	H: 36mm L: 220mm W: 62mm		Flying leads	0.25m, 1mm <sup>2</sup> 3-core cable Ø: 7.5mm	0.25m, 2mm <sup>2</sup> 2-core cable Ø: 9mm	Grid dimmer kit PDC/GRID DIMMER Dimming interface PDCINT1-10V	3 year guarantee