

LumiBlazeR™ 5000H LED Driver/Controller



Parameter	Specification	Comment
Type	1 Channel constant current, dimmable	Continuous or pulsed by external trigger
Output Voltage	Determined by LED module	Drive current compliance voltage
Output Current	1 to 40 ADC	Continuous
	50 ADC max.	Pulsed/Max 30% duty factor
Output Voltage Range	Minimum output voltage	1.2 VDC
	Maximum output voltage	7.0
Input Voltage	+24 VDC +/- 5%	300W* typical for 40A output (Driver Capability)
Efficiency	77% typical	At 40A output
Current ripple	2% (P-P)	At 25 ADC output current and 95W output power
Dimming	Analog	Potentiometer
	Digital	via MODBUS
External Trigger	3.3V TTL	User enabled
	50 µsec min pulse width. 250 Hz - 2kHz switching frequency	With 1M long driver cable
LED Module I/O	Thermistor in LED Module	Monitoring
	Fan power (24 VDC) and PWM	Cooling, intelligent control
Connectivity	RS - 485 (Modbus Protocol)	
Size and Weight	168.3 (W) x 142 (D) x 46.5 (H) mm., 1.0 kg.	

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