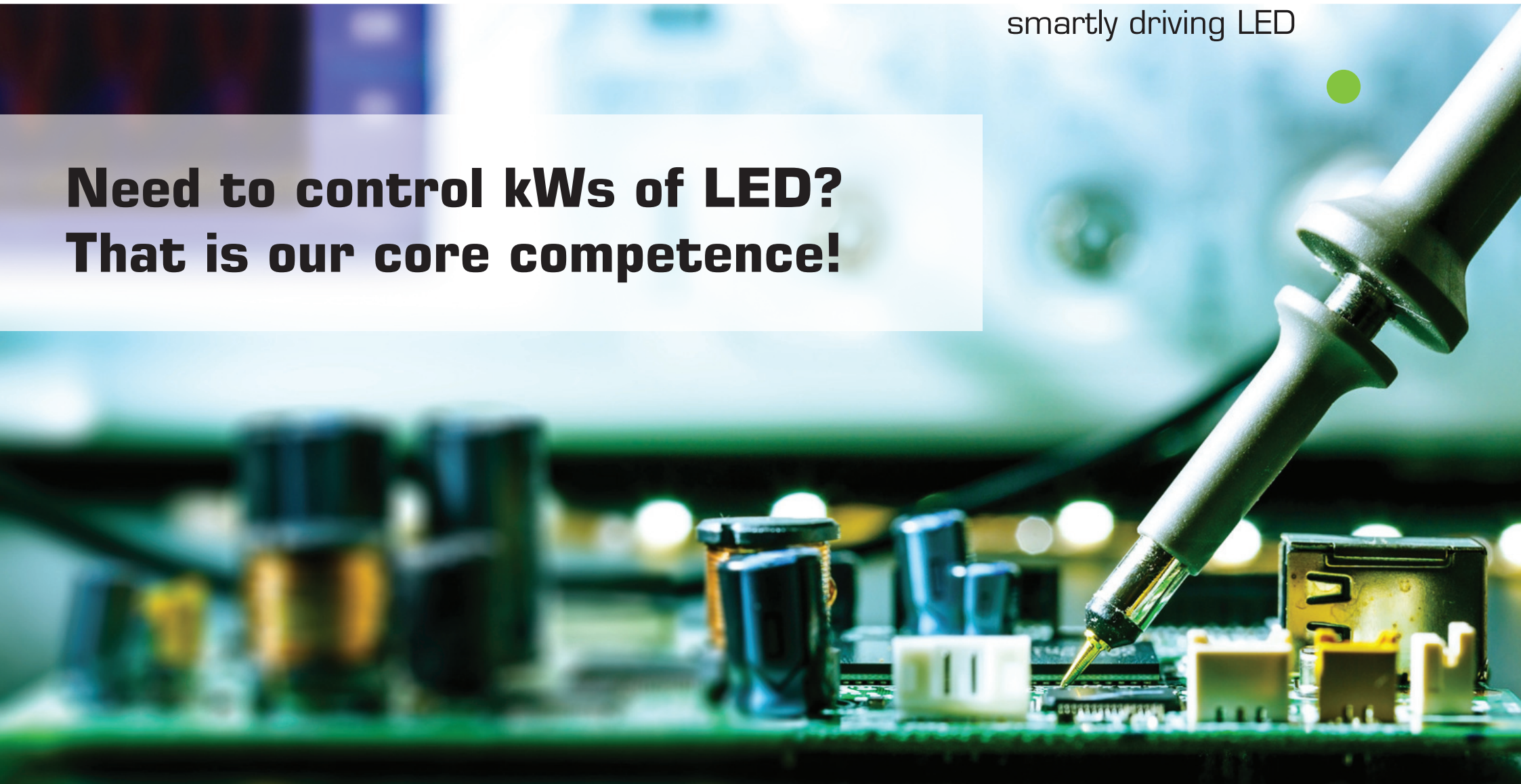




dilitronics
smartly driving LED

**Need to control kW of LED?
That is our core competence!**



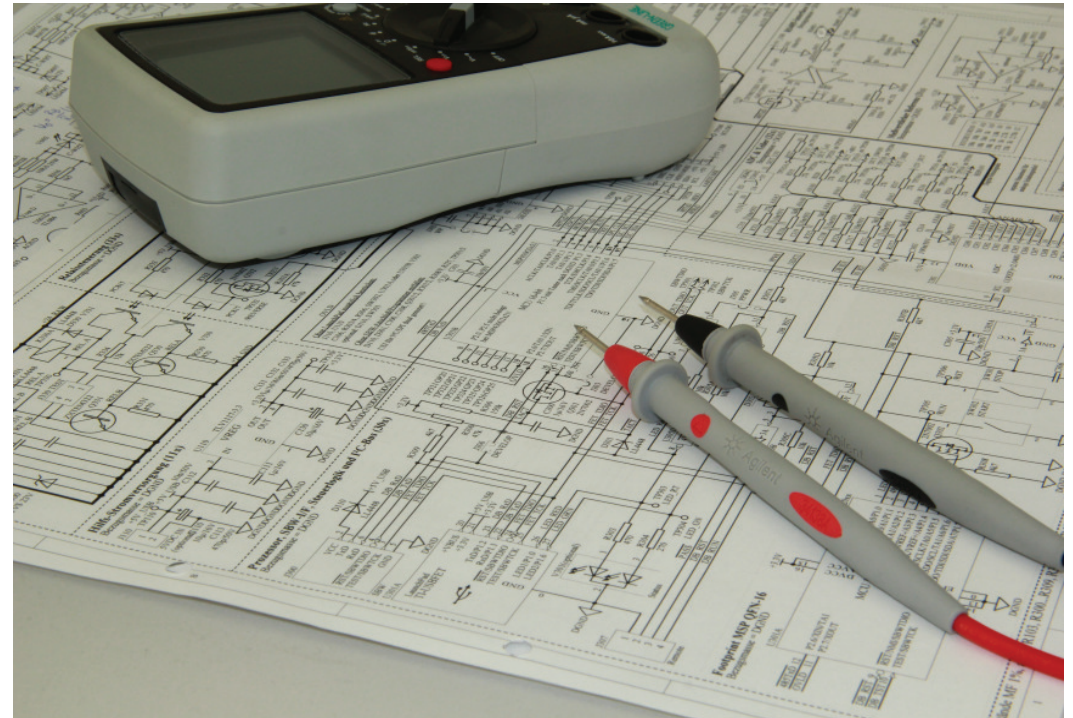
Engineered to control power

dilitronics is your partner for high power LED control - we gathered dozens of men-year in knowledge on how to control LEDs in industrial environments.

The result is what we call

„modular building blocks“

a collection of high quality LED driver components which we combine according to your requirement. This strategy enables dilitronics engineering to deliver ODM in time.



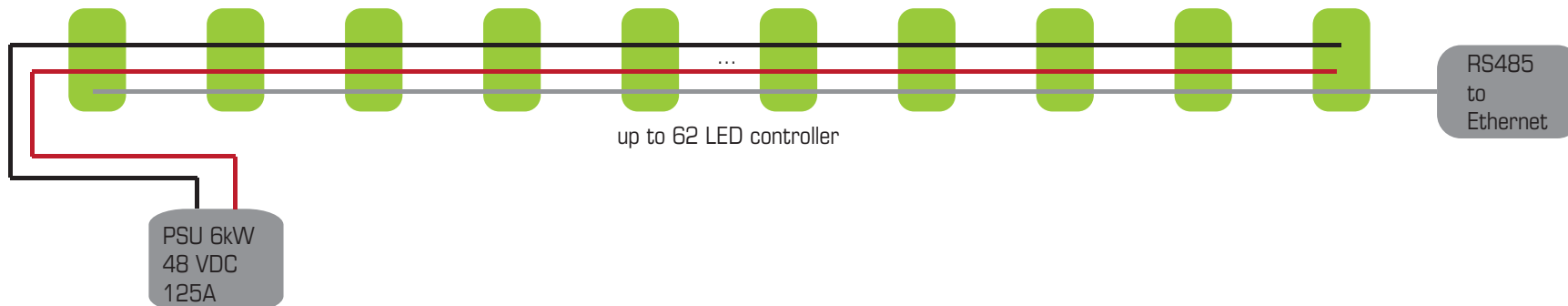
Optical inspection COB LineLight

Input	Control	Options	Output
<div>AC</div> <div>400 V</div> <div>DC </div> <div>230 V</div> <div>110 V</div> <div>48 V </div> <div>24 V</div> <div>12 V</div> <div>Custom</div>	<div>Interface</div> <div>RS232</div> <div>RS485 </div> <div>USB</div> <div>Ethernet </div> <div>Analog 1-10</div> <div>Analog Trigger</div> <div>Protocoll</div> <div>UDP</div> <div>TCP/IP </div> <div>MODBUS RTU</div> <div>CAN</div> <div>Custom </div>	<div>Fan control</div> <div>Alarm contact</div> <div>Transient protection</div> <div>Thermal management </div> <div>Compensating LED characteristics </div>	<div># of LED channels</div> <div>14</div> <div>Voltage Range</div> <div>15-44V</div> <div>Max. Current / Ch</div> <div>0.15 A</div> <div>CC CV Hybrid</div> <div>CC</div> <div>Frequency Range</div> <div>variable</div>

} max. 93W

Mechanical design

Connectivity Housing Cooling Coating / Chemicals Vibration



UV-curing COB array control

Input

AC	400 V
DC ✓	230 V
	110 V
	48 V ✓
	24 V
	12 V
	Custom

Control

Interface

RS232
RS485 ✓
USB
Ethernet
Analog 1-10 ✓
Analog Trigger ✓

Protocoll

UDP
TCP/IP
MODBUS RTU ✓
CAN
Custom

Options

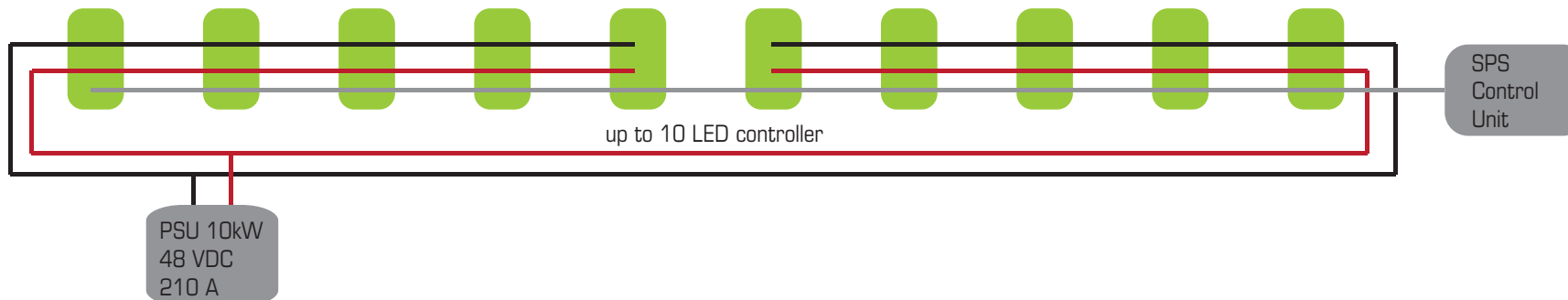
Fan control ✓
Alarm contact ✓
Transient protection
Thermal management ✓
Compensating LED characteristics

Output

# of LED channels	3	} max. 840W
Voltage Range	30-40V	
Max. Current / Ch	7A	
CC CV Hybrid	CC	
Frequency Range	300 kHz	

Mechanical design

Connectivity	Housing	Cooling	Coating / Chemicals ✓	Vibration
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Crafted for tough environments

Industrial environments lead to much higher requirements in bearing thermal, chemical or vibration impact. As part of our demanding product verification process, we ensure that our products will last.



Flexibility at your demand

As the industrial LED market is about to emerge, production quantities do not yet reach high volume. Thus a partner able to act in a flexible manner is required to enable ramp up. dilitronics abstracts all the manufacturing and purchasing hassle from its customers. One partner: from design concept to serial delivery.



Design consulting

Engineering

Manufacturing

Quality Control

Logistics

Let's discuss

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