CoolLED

CLQ Twin Output, Universal
up to 66W

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Efficient
Innovative
Control

CLQ Twin Output, Universal Input LED drivers Switchable 350/700mA

CoolLED drivers provide a high performance solution for powering high-brightness LEDs from a mains supply.

CLQ - Twin Universal drivers provide a high performance solution for powering high brightness LEDs from a mains supply.

The power factor corrected, driver has a fully isolated, SELV output delivering up to 2 x 33W of power (2 x 28W @ ‹120Vac & ›260Vac).

The well regulated output current will typically power 2 x series strings of between 4 and 14 LEDs.

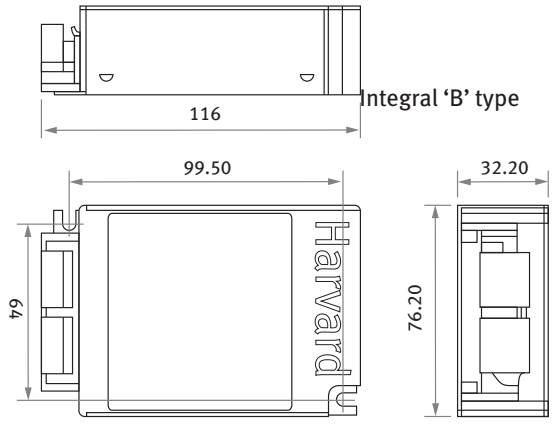
The high efficiency design ensures cool operation and long life.

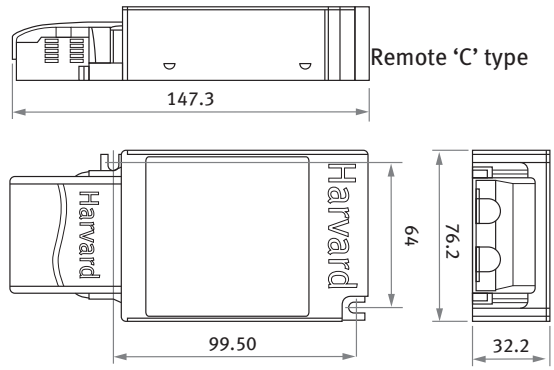
The compact enclosure is available in Integral (B) and Remote Mount (C) versions. Remote types feature a screw-less cable clamp.

All CoolLED Drivers are open and short circuit protected and have self resetting over temperature trip.

- Switchable output current
- Power factor corrected (0.98)
- Constant current output
- Up to 89% efficient
- Surge protection up to 4kV
- Dimmable versions available
- SELV Isolation
- Made in the UK

Parameter / Model	CLQ2700S-UNI-B or C
Mains input voltage range	100-277Vac RMS nominal
Mains frequency	47 to 63 Hz
Power factor at full load	›0.98 typically
Efficiency at full load	89% typically
Mains surge protection	4kV common-mode 2kV differential
Input-output isolation	3.75kV ac rms
Ambient temperature range	-25°C to 50°C
Maximum Tc temperature	80°C
Humidity	95% max non-condensing
Thermal trip	110° self resetting
Max output power	2 x 33W @ 230Vac 2 x 28W @ ‹120Vac & › 260Vac
Output current (switchable)	350/700mA
Output current accuracy	± 5%
LED string voltage	12V - 48V
Open-circuit output voltage	48V
Enclosure	Aluminium
Dimensions	See diagrams for B and C types
Terminal blocks	Rising clamp 5mm pitch
Wire size	0.5 to 1.5mm²
Weight	250g
Compliance standards	EN61347-2-13 EN6100-3-2 EN6100-3-3 EN61547 EN55015





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CLQ - 62W Single Output

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CLQ - 62W Single Output LED drivers 2.1A

CoolLED drivers provide a high performance solution for powering high-brightness LEDs from a mains supply.

The power factor corrected driver has a fully isolated, SELV output delivering up to 62W of power.

The well regulated output current will typically power 1 x series string of between 3 and 9 LEDs.

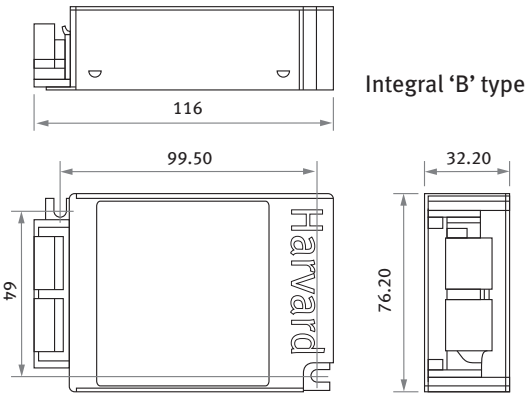
The high efficiency design ensures cool operation and long life.

The compact enclosure is available in Integral (B) and Remote Mount (C) versions. Remote types feature screw-less cable clamp.

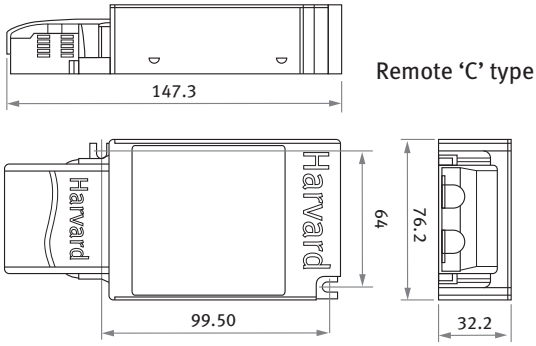
All CoolLED Drivers are open and short circuit protected and have self resetting over temperature trip.

- One string of 62W
- Power factor corrected (0.95)
- Constant current output
- Up to 88% efficient
- Surge protection up to 4kV
- Dimmable versions available
- SELV Isolation
- Made in the UK

Parameter / Model	CLQ21-240-B or C
Mains input voltage range	220-240Vac RMS nominal
Mains frequency	47 to 63 Hz
Power factor at full load	>0.95 typically
Efficiency at full load	89% typically
Mains surge protection	4kV common-mode 2kV differential
Input-output isolation	3.75kV ac rms
Ambient temperature range	-25°C to 50°C
Maximum Tc temperature	80°C
Humidity	95% max non-condensing
Thermal trip	110° self resetting
Max output power	62W
Output current	2100mA
Output current accuracy	± 5%
LED string voltage	9V - 29.5V
Typical no. of LEDs	3 - 9 LEDs
Enclosure	Aluminium
Dimensions	See diagrams for B and C types
Terminal blocks	Rising clamp 5mm pitch
Wire size	0.5 to 1.5mm²
Weight	250g
Compliance standards	EN61347-2-13 EN6100-3-2 EN6100-3-3 EN61547 EN55015



Integral ‘B’ type



Remote ‘C’ type

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