



Reaching New Heights in Engineering Excellence

Fulham Lumo Series drivers are built on core engineering design principles for exceptional standards of performance and reliability in LED systems. Highest grade critical components together with design features for thermal management ensure excellent reliability. Low ripple designs create flicker-free lighting and perfectly smooth dimming. Simplicity of specification and installation is a key characteristic of all Fulham Lumo Series drivers, hence the wide voltage and current ranges and industry leading low inrush current.



Engineered for Performance

- Industry leading efficiency
- Multiple dimming options and output currents
- Very high power factor

Engineered for Reliability

- Low inrush current
- Thermal, overload, short circuit and overvoltage protection
- Flicker-free light

Engineered for Simplicity

- Future-proof flexibility – industry leading voltage and current range enabling seamless support of LED generations and minimizing supply chain complexity

Universal Mains Dimming LED Driver

L1V1230105S (L05023)

20/25W, 3-43Vdc, 100-1050mA

A versatile driver with small form factor and a wide voltage output range ideally suited for COB arrays and LED strips.



- Wide output voltage range 3-43Vdc
- Wide range of current settings 100 – 1050mA
- Mains- (TRIAC, trailing edge and leading edge), 1-10V-, and potentiometer dimming
- Compatible with Fulham SmartSet programming platform (TPSB-100 handheld controller)
- Zero ripple current
- Automatic dim mode detection
- Suitable for warm dimming (natural toning/dim-to-warm) LEDs
- Max inrush current 300 mA
- Thermal protection: dimming instead of switch off
- Open circuit output voltage protection
- High efficiency across a wide range of loads
- Power factor >0.9C
- ENEC certified, SELV

Dimming | Multiple Output Currents

L 99 x W 39 x H 23 (mm)



Model Number	Old Reference	Max Watts (W)	Output Current (mA)	Output Current Selection Method	Output Voltage (Vdc)	Input Voltage (Vac)	Dimming Type
L1E1230025S-10E	L05021-40250	10	200/250	Output wires	20 - 40	220 - 240 (50/60 Hz)	Mains Dimmable
L1E1230070S-12E	L05021	12	350/700	Output wires	3 - 32	220 - 240 (50/60 Hz)	Mains Dimmable
L1E1230030S-12E	L05021-40300	12	180/300	Output wires	20 - 40	220 - 240 (50/60 Hz)	Mains Dimmable

L 110 x W 52 x H 24 (mm)



Model Number	Old Reference	Max Watts (W)	Output Current (mA)	Output Current Selection Method	Output Voltage (Vdc)	Input Voltage (Vac)	Dimming Type
L1W1MID120D-20E	L05011i2	20	100 - 1200	Dipswitch	6 - 42	180 - 240 (50/60 Hz)	1-10V/puls
L1V1230105S-A	L05023-A	25	100 - 1050	Dipswitch/ TPSB-100	3 - 43	220 - 240 (50/60 Hz)	Mains-, 1-10V-, and Potentiometer dimming
L1M1MID120S-24E	L05011i3	20 24	200 - 1200 600 - 900	Dipswitch	6 - 42	180 - 240 (50/60 Hz)	1-10V
L1W1MID140S-30E	L05031	30	100 - 1400	Dipswitch	6 - 42	180 - 240 (50/60 Hz)	1-10V/puls

Constant Voltage Output

L 110 x W 52 x H 24 (mm)



Model Number	Old Reference	Max Watts (W)	Max Current (mA)	Output Voltage (Vdc)	Input Voltage (Vac)	Dimming Type
L1W1MID120D-20E	L05011i2	20	1200	6 - 42 options	220 - 240 (50/60 Hz)	1-10V/puls

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