



Programmable Constant Current LED Drivers

The Smart Solution for Greater LED Efficiency



- One programmable driver replaces over 1600 fixed output driver SKUs
- DALI and 0-10V models, dims to 1% of programmed current
- Output current programmable in 1mA increments
- Enables integration of more efficient modules in existing luminaire designs
- Power to driver not required during programming
- One touch programming for high volume usage

The WorkHorse LED family of programmable drivers brings the renowned flexibility and reliability of Fulham's WorkHorse fluorescent ballasts to the LED market.

Programmable attributes include output current, dimming curve (for step dimming and dim-to-off), and lowest dimming percentage, allowing the driver to match the output of existing fixtures or serve as a flexible platform for new luminaire designs. Fulham's intuitive SmartSet programming platform enables powerful programming capabilities via handheld controller or PC software.



WorkHorse LED - IP20 Programmable Drivers

- 250mA - 1500mA programmable output current
- 0-10V and DALI dimming
- Handheld programmer or SmartSet software
- Programmable dimming curve allows step dimming and dim-to-off
- Advanced programmability of output current and thermal temperature protection (NTC)



0 - 10V Dimming

Model Number	Output Watts (W)	Output Current (mA)	Output Voltage (VDC)	Input Voltage (VAC)	Dimming Type	Surge Protection		IP	Dimensions (L x W x H)	Case Type
						L-N	L&N-G			
T1M1UNV105P-40E	40	250 - 050	10 - 7	120-277; 50/60Hz	0 - 10V	2kV	4kV	20	10.83" x 1.22" x 0.98"	Linear w/End Terminals
T1M1UNV105P-60E	60	250 - 050	10 - 7	120-277; 50/60Hz	0 - 10V	2kV	4kV	20	9.33" x 1.59" x 1.18"	Linear w/End Terminals
T1M1UNV105P-60F	60	250 - 050	10 - 7	120-277; 50/60Hz	0 - 10V	2kV	4kV	20	4.98" x 2.99" x 1.22"	Compact w/End & Back Terminals
T2C1UNV150P-40L	40	250 - 500	10 - 7	120-277; 50/60Hz	0 - 10V or Bluetooth	2.5kV	2.5kV	20	6.61" x 1.97" x 1.18"	Compact w/End Leads

DALI Dimming

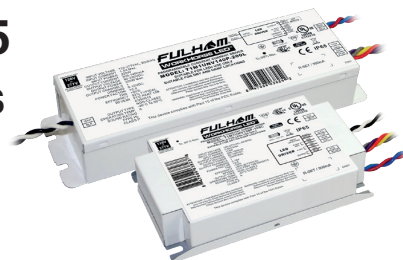
Model Number	Output Watts (W)	Output Current (mA)	Output Voltage (VDC)	Input Voltage (VAC)	Dimming Type	Surge Protection		IP	Dimensions (L x W x H)	Case Type
						L-N	L&N-G			
T1A1UNV105P-40E*	40	250 - 1050	10 - 57	120-277; 50/60Hz	DALI	2kV	4kV	20	10.83" x 1.22" x 0.98"	Linear w/End Terminals

* Made to Order



WorkHorse LED - IP65 Programmable Drivers Also Available

See fulham.com for details.



The Power of Programmability

All WorkHorse LED drivers feature Fulham's innovative SmartSet programming platform, which gives the user the power to create the right driver for any situation.

- Auto-Programming capability for high volume usage
- Driver does not need to be powered during programming
- Programming via handheld controller or PC software



TPSB-100
SmartSet Controller



SmartSet
Software

To see the Fulham SmartSet programming platform in action visit the links below:

Overview of basic programming features: www.fulham.com/smartsetprogramming

One touch Auto-Programming: www.fulham.com/smartsetauto

Programming custom dimming curves: www.fulham.com/smartsetdimmingcurve



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