

LED driver recommendations when using Lamina Ceramic Titan series

Lamina Titan					
Lamina Titan P/N	LED Color	Typical Forward Current (Vi), mA	Typical Forward Voltage (Vf), VDC	Typical Power Requirement (W)	Magtech Recommendation
NT-52D1-0430	Warm White	1050	19.8	20.8	LP1025-24-C1040
		1400	21.6	30.2	LP1040-24-C1400
NT-42D0-0429	Daylight White	1050	19.8	20.8	LP1025-24-C1040
		1400	21.6	30.2	LP1040-24-C1400
NT-51E0-0481	Amber	1050	14.5	15.2	LP1020-24-C1040
NT-52B1-0469	Blue	1050	19.7	20.7	LP1020-24-C1040
NT-51C1-0470	Green	1050	21.1	22.2	LP1020-24-C1040
NT-51A0-0468	Red	1050	13.3	14.0	LP1020-24-C1040
Note: 1. Wire harness NT-50WH-0427, Pin 10 is V+, Pin 9 is V- 2. LP1025-24-C1040 (277VAC input), ordering part number: 20-3724 ; (110-240VAC input) part number: 20-3381 3. LP1040-24-C1400 (277VAC input), ordering part number: 20-3768 ; (110-240VAC input) part number: 20-3334					

Lamina Titan Turbo					
Lamina Titan P/N	LED Color	Typical Forward Current (Vi), mA	Typical Forward Voltage (Vf), VDC	Typical Power Requirement (W)	Magtech Recommendation
NT-52D1-0486	Warm White	5000	11.3	56.5	LP1090-19-GG-290
NT-42D0-0429	Daylight White	5000	11.3	56.5	LP1090-19-GG-290
NT-54D2-0509	TruColor	2000	12	24	LP1040-15-C2000
		700	35	24.5	LP1040-36-C0700
Note: 1. Wire harness NT-50WH-0427, Pin 1, 3 and 5 are V+ ; Pin 2, 4 and 6 are V- (parallel connection) 2. For TruColor with series connection, connect pin 1 to V+ ; connect pin 2, 3 ; connect pin 4, 5 ; connect pin 6 to V-, the recommend driver is LP1040-36-C0700 3. LP1040-15-C2000 (277VAC input), ordering part number: 20-3416 ; ; (110-240VAC input) part number: 20-3404 4. LP1040-36-C0700 (110-240VAC input), ordering part number: 20-3319 5. LP1090-19-GG-290 (277VAC input), ordering part number: 20-3416 ; (110-240VAC input) part number: 20-3404					