

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

VOLTAGE: \_\_\_\_\_

NOTES: \_\_\_\_\_

\_\_\_\_\_

# TITAN™ SERIES



## DESCRIPTION

The Lamina Titan™ Series of LED light engines sets a new standard in the Ultra High Bright White Light arena with models delivering 600 to more than 1,300 lumens from a single point. Each Titan has an enhanced red and orange color spectrum that makes them ideal as halogen or incandescent replacements. The Titan Series is also available in an RGB package that inter mixes red, green and blue colors which can be independently controlled. When mixed, the Titan RGB produces any of 16 million beautifully saturated and blended colors (including white with variable color temperature).

The powerhouse of the Lamina Titan Series is the TitanTurbo™. The TitanTurbo is available in Warm White (3050K), Daylight White (4700K) and RGB and configured with an array of cavities each populated with multiple LED to deliver the maximum in usable light. The Lamina Titan Series of LED light engines makes possible applications which, until now, could only be accomplished with traditional lighting sources.

## APPLICATIONS

General Illumination, Stage and Studio, Architectural, Entertainment, Low-voltage Landscape, Track, Desk, Task, and Portable and Solar Lighting Systems, Commercial and Residential Recess Down Lighting, Stage and Studio, Architectural, Entertainment, Street, and Perimeter Lighting Systems



## SPECIFICATIONS

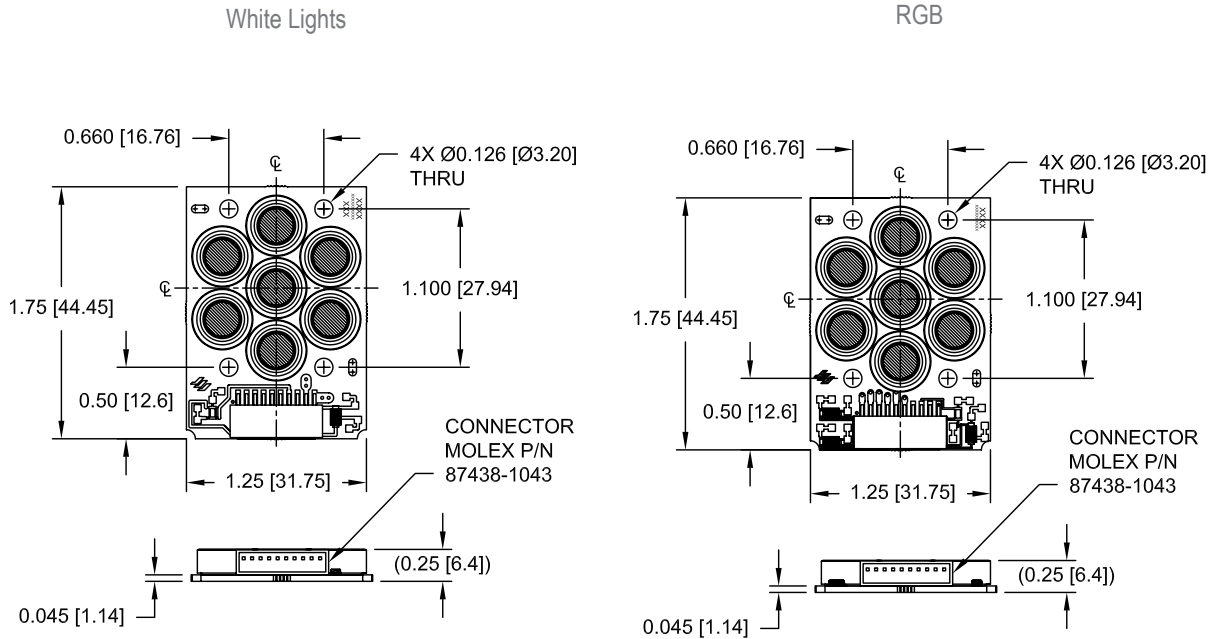
TITAN Part Number	Color	Color Temp. Typical (K)	CRI TYP / MIN	Drive Current (mA)	TYP Voltage	Typical Power (W)	Luminous Flux <sup>1</sup> (lm) TYP / MIN	Wavelength (nm) MIN / MAX
NT-52D1-0430	Warm White	3050	78 / 70	1050 1400	19.8 21.6	20.8 30.2	771 / 616 930 / 744	—
NT-42D0-0429	Daylight White	4700	68 / 60	1050 1400	19.8 21.6	20.8 30.2	1146 / 916 1360 / 1088	—
NT-43F0-0428	Red	—	—	1050 1400	6.9 7.6	7.3 10.7	304 / 194 435 / 278	619 / 629
	Green	—	—	1050 1400	11.4 12.6	12.0 17.6	527 / 421 685 / 548	515 / 535
	Blue	—	—	1050 1400	10.5 11.5	11.0 16.2	134 / 107 183 / 146	460 / 470
NT-51E0-0481	Amber	—	—	1050	14.5	15.2	578 / 462	584 / 594
NT-52B1-0469	Blue	—	—	1050	19.7	20.7	244 / 195	460 / 470
NT-51C1-0470	Green	—	—	1050	21.1	22.2	942 / 753	515 / 535
NT-51A0-0468	Red	—	—	1050	13.3	14.0	570 / 364	619 / 629

TITAN TURBO Part Number	Color	Color Temp. Typical (K)	CRI TYP / MIN	Drive Current (mA)	TYP Voltage	Typical Power (W)	Luminous Flux <sup>1</sup> (lm) TYP / MIN	Wavelength (nm) MIN / MAX
NT-52D1-0486	Warm White	3050	78 / 70	5000	11.3	56.5	1058 / 846	—
NT-54D0-0487	Daylight White	4700	68 / 60	5000	11.3	56.5	1853 / 1482	—
NT-54D2-0509	TruColor	3050	85 / 80	2000	12.0	24.0	1290 / 1100	—

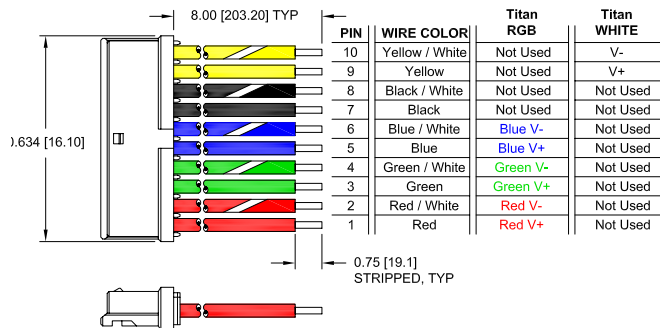
<sup>1</sup>Values given are for specified drive current at 25°C junction temperature.

# MECHANICAL DRAWING



# ELECTRICAL & WIRING HARNESS - NT-50WH-0427

Titan Warm White, Daylight White and RGB



Titan Turbo Warm White and Daylight White

