

PROJECT: _____

TYPE: _____

VOLTAGE: _____

NOTES: _____

ATLAS™ SERIES



DESCRIPTION

The Lamina Atlas Series is available in Warm White (3050K), Daylight White (4700K) and RGB. An enhanced red and orange color spectrum, an 80 CRI and output capable of exceeding 300 lumens make these products ideal for incandescent and halogen replacements. The Atlas RGB, through three independently controlled input / output channels (red, green and blue), produces any of 16 million beautifully saturated and blended colors (including white with variable color temperature) from a single point source.

All Atlas Series LED light engines are configured with a single cavity populated with multiple LEDs to deliver the maximum usable light. The Atlas Series from Lamina makes possible applications which, until now, could only be accomplished with traditional lighting sources.

TECHNICAL SPECIFICATIONS

APPLICATIONS

Desk, Task, Track, Low-voltage Landscape, Color Changing Architectural, Entertainment, General Illumination, Flashlights, Portable Lighting Systems and Signage Lighting.



SPECIFICATIONS

ATLAS Part Number	Color	Color Temp TYP (K)	CRI TYP / MIN	Drive Current (mA)	Input Voltage	Typical Power (W)	Luminous Flux ¹ (lm) TYP / MIN	Wavelength (nm) MIN / MAX
NT-42D1-0425	Warm White	3050	80 / 70	700 1050	7.0 7.5	4.9 7.9	156 / 124 206 / 164	—
NT-45D1-0446*	Warm White	3050	80 / 70	700 1050	6.6 8.2	4.9 6.9	119 / 104 162 / 141	—
NT-42D0-0426	Daylight White	4700	66 / 60	700 1050	7.0 7.5	4.9 7.9	244 / 195 309 / 247	—
NT-45D0-0447*	Daylight White	4700	66 / 62	700 1050	6.6 8.2	4.9 6.9	164 / 152 226 / 217	—
NT-43F0-0424	[RGB] Red	—	—	350 525	4.6 4.8	1.6 2.5	69 / 47 100 / 63	619 / 629
	[RGB] Green	—	—	350 525	6.9 7.2	2.4 3.8	109 / 87 142 / 113	515 / 535
	[RGB] Blue	—	—	350 525	6.9 7.4	2.4 3.9	29 / 23 40 / 32	460 / 470
	Amber	—	—	700	5.1	3.6	131 / 104	584 / 594
NT-42B1-0484	Blue	—	—	700	6.9	4.8	63 / 50	460 / 470
NT-42C1-0485	Green	—	—	700	6.9	4.8	216 / 172	515 / 535
NT-41A0-0482	Red	—	—	700	4.6	3.2	109 / 69	619 / 629

*Integrated 60° Optic. All others 120°. ¹Values given are for specified drive current at 25°C junction temperature.

ATLAS II Part Number	Color	Color Temp TYP (K)	CRI TYP / MIN	Drive Current (mA)	Input Voltage	Typical Power (W)	Luminous Flux (lm) TYP / MIN
NT2-42D1-0529	Warm White	3050	60 / 50	700 1050	7.0 7.5	4.9 7.9	244 / 195 305 / 243

Notes: Atlas II Preliminary Data

MECHANICAL DRAWING

