

Making light work of electronics manufacturing

Colours

- 3050K Warm White
- 4700 Daylight White
- RGB
- Mono red, amber, green, blue



Atlas

Typical Illuminance Characteristics - Lux					
Product	Drive Current	Distance from Source (Meters)			
		1	2	5	10
NT-42D1-0425 Warm White	700	45.0	11.2	3.1×10^{-3}	3.4×10^{-12}
NT-42D1-0425 Warm White	1050	63.3	15.9	4.4×10^{-3}	4.8×10^{-12}
NT-42D0-0426 Daylight White	700	63.0	15.8	4.4×10^{-3}	4.8×10^{-12}
NT-42D0-0426 Daylight White	1050	92.0	22.9	6.4×10^{-3}	3.0×10^{-12}
NT-43F0-0424 RGB, Red	350	18.4	4.6	1.2×10^{-3}	1.4×10^{-12}
NT-43F0-0424 RGB, Red	525	21.6	5.4	1.5×10^{-3}	1.6×10^{-12}
NT-43F0-0424 RGB, Green	350	21.7	5.4	1.5×10^{-3}	1.7×10^{-12}
NT-43F0-0424 RGB, Green	525	25.3	6.3	1.8×10^{-3}	1.9×10^{-12}
NT-43F0-0424 RGB, Blue	350	4.3	1.1	3.0×10^{-4}	3.3×10^{-13}
NT-43F0-0424 RGB, Blue	525	6.2	1.6	4.3×10^{-4}	4.7×10^{-13}

Titan

Typical Illuminance Characteristics - Lux					
Product	Drive Current (mA)	Distance from Source (Meters)			
		1	2	5	10
NT-52D1-0430 Warm White	1050	535.9	134.0	21.4	5.4
NT-52D1-0430 Warm White	1400	661.2	165.3	26.4	6.6
NT-52D0-0429 Daylight White	1050	795.6	198.9	31.8	8.0
NT-52D0-0429 Daylight White	1400	969.0	242.3	38.8	9.7
NT-53F0-0428 RGB, Red	1050	275.5	68.9	11.0	2.8
NT-53F0-0428 RGB, Red	1400	382.3	95.6	15.3	3.8
NT-53F0-0428 RGB, Green	1050	286.4	71.6	11.5	2.9
NT-53F0-0428 RGB, Green	1400	368.5	92.1	14.7	3.7
NT-53F0-0428 RGB, Blue	1050	89.0	22.3	3.6	0.9
NT-53F0-0428 RGB, Blue	1400	102.0	25.5	4.1	1.0

Lamina light engines must be operated at or below 125°C die junction temperature. A heat sink must be attached to the engine with sufficient cooling capacity to keep the die junction below 125°C. A selection of radial heat sinks for prototyping is available. Please enquire with Tenrod.

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