

MADE IN



 * Made in the USA

Specifications subject to change without notice. Dec, 2016 - Rev 2.5

- Flashing & Strobe Lighting
- Cabinet & Display Case Lighting \geq

- **Typical Applications Drop-in Replacement Bulbs** \triangleright
 - Pen Lights \geq
 - Solar Lighting
 - Road Markers
 - \geq Portable Lighting & Flashlights
 - Head-Lamps / Camp Light
 - Desk & Reading Lamps

The 2009 MicroPuck

LUXdrive. MICROPUCK

2009

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turned off) is also improved.

24 AWG 6" colored leads.

in excess of supply voltages.

environments and moisture.

many more hours.

Features

 \triangleright

while still mimicking the light drop-off of an incandescent bulb, which dims as the batteries are used up. Unlike an incandescent

bulb, the driver's current consumption drops at very low voltages,

allowing usable light to be produced by the LED much longer than conventional flashlights. Battery recovery (after the flashlight has been

Custom sizes can be created to meet customers' requirements.

Low Cost: The MicroPuck is a compact, low cost solution

for providing current to LEDs with forward voltages

Safety & Reliability: The MicroPuck is encapsulated by

an insulating epoxy and is resistant to harsh

Battery Tracking: The output of the MicroPuck

size matters. Small size = more applications!

is relatively constant until the batteries have been

drained to low power mode which provides some light for

Small Size: The MicroPuck is ideal for applications where

The standard offering is a 0.45"L X 0.3"W X 0.26"H encapsuled MicroPuck.

Contact LUXdrive for more information. The MicroPuck is supplied with

Product Overview



2009 MicroPuck[™] 1 Watt LED Power Module

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002/95/FC

what a bright idea



2009 MicroPuck[™] 1 Watt LED Power Module

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Specifications

InputVoltage	\dots 3.0V _{DC}
Output Current, 2009	350mA1
Output Current, 2009-Hl.	400mA ¹
OperatingTemperature	40-+85°C
Storage Temperature	40-+125°C

Absolute Maximum Ratings

Input Voltage	$\dots 3.0V_{\text{DC}}^{2}$
Output Voltage	8.0V _{DC} ²
Output Power	1.5W

Typical Characteristics

Physical Dimensions

Efficiency	. 80%
Input Voltage Minimum	0.8V _{DC}





0.30" (7.6mm)



* - Luxeon is a registered trademark of LumiLEDs Corporation
1 - Measured with single emitter
2 - See "Additional Applications of the 2009 MicroPuck" for additional application information.

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