

# LED Light Engine

A new engine, no mercury and a longer lamp life.

# enlighten



# The LED Light Engine Design. Illuminating the digital revolution.

It's cooler, it's smarter, it's greener and it's more durable. It's the combination of innovation and reliability we strive for every time we flip the switch.

Replacing the fluorescent lamp with the latest in digital LED technology demands a multi-faceted approach. Flexibility in application, control in distribution, uniformity in appearance, uncommon constraint in its power usage, workhorse in its efficacies. The outcome must be all that fluorescent is—and then some.

Prudential's new LED Light Engine Design met all of those requirements, imitating existing T5/T8 lamps in both size and performance for your general ambient lighting applications. Through the use of strategically crafted and placed low-wattage LEDs, the resulting light looks and acts like a T5

lamp allowing you to achieve similar performance and control characteristics in Prudential's existing optical systems. Thanks to its unique "on-board" thermal management, supplemental heat sinks are not necessary, thereby giving you more flexibility and choice of luminaires.

There are two different LED white colors to choose from—3000K and 4000k—both with CRIs above 80 and, of course, an estimated 50,000 hour life. With Prudential's LED Light Engine Design there are no socket shadows, no mercury to dispose of and you get longer lamp life. It's all perfectly enlightening.

<sup>1</sup>Depending on the luminaire.

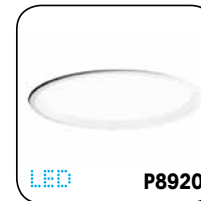
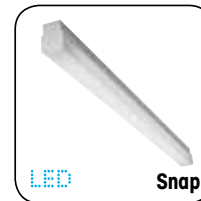


## Imitation that goes beyond flattery.

The wafer-thin, 5/8" wide digital LED Light Engine acts as an alternative to traditional fluorescent sources and is available in 1' increments. An array of 105 low wattage LEDs generates 630 lumens using only seven watts per 1' module. (That's 90 lumens per watt, if you're keeping score). The dimmable driver uses a common fluorescent ballast size adding to the system's flexibility and allowing The LED Light Engine to be used in many of our existing products such as the Cupola Series, the P40 family, HalfSnap, the Snap and the P8900 series.



Look for this icon to see our LED compatible fixtures.



Waste not, want not. As part of our efforts to practice sustainability, we've printed this piece on recycled paper.



Light creates Life.  
Create with Prudential Ltg.  
1737 East 22nd Street, Los Angeles, CA 90058  
213.746.0360 | info@prulite.com | prulite.com