When Gotham® recently unveiled Candéo® design professionals took notice. Here was a completely original twist from the recessed downlighting leader – a luminaire that added visual interest, sparingly or liberally throughout a space, without compromising lighting performance.

Now the expressive luminance of Gotham’s patented Candéo technology is more vibrant and dynamic with the addition of color changing LED technology. For the first time, designers can specify a high-performance downlight incorporating easily programmed color schemes and variable change rates. Introducing Candéo LED. Simple operation. Unlimited control. Captivating results.
To highlight featured elements or areas, nothing matches the visual impact of a multicolor LED system. Combine this with Gotham’s unique Candéo aperture design, and the effect is extraordinary—a pool of saturated color that is vibrant and appealing to the eye.

CANDÉO: RECESSED DOWNLIGHTING DESIGNED TO BE NOTICED

Candéo (Latin for “to glow softly”) performs exactly as the name implies. When illuminated, the radiative exchange of light between concentric matte-finished reflectors produces a diffuse luminance surrounding a quiet, low-brightness downlight aperture. Put simply, Candéo glows while it illuminates, with a choice of vivid colors and more subtle shades to complement any interior scheme.

While producing a pleasing glow, Candéo also harnesses the best qualities of traditional Gotham downlighting. Patented Bounding Ray™ optics optimize the compact fluorescent TRT source, assuring a high-efficiency system with 40° optical shielding and consistent top-down flash to effectively eliminate glare at all viewing angles.

LED TECHNOLOGY AMPLIFIES THE EFFECT

Now, leading-edge LED technology boosts Candéo’s dramatic impact, allowing users to control an unlimited range of colors and intensities at the flip of a switch, or with a selection of remote control options. LED technology amplifies the Candéo experience, providing a completely new level of expression in lighting with the opportunity to create more than just a light source. The ability to control color temperature allows users to change the mood of a space, as well as complement and enhance the colors in a space.

You can opt for a continuous color change mode in select areas of a space. Customize static colors to convey brand/organization color schemes, identify functional areas or provide visual cues to paths of travel. You can create subtle effects to accommodate changing application needs such as rotating retail window displays and alternating seasonal themes, or to enliven entertainment, restaurant and hospitality settings, all with simple pre-sets.

The ability to customize environments with light has never been more possible. For more information on Gotham’s Candéo LED, or to visit our website at www.gothamlighting.com.
Candéo® is the first and only recessed downlighting system to combine tasteful multi-color LED decorative effects with uncompromising general illumination performance in a single footprint. The creative latitude to satisfy lighting objectives—while minimizing ceiling clutter—is virtually limitless.

A patented dual reflector system allows effective general illumination with a compact fluorescent source to function independently from a color-changer LED source.

The outer cone and outside surface of the inner reflector combine to diffuse light emitted from an optical mixing chamber containing Red, Green and Blue LEDs, creating the impression that the inner cone is floating inside the aperture.

The inner reflector can be adjusted to any of three positions—flush, 3/8” lower, or 3/4” lower than the ceiling. The more the inner cone is revealed, the greater the visible surface area impacted by color, increasing the effect— and vice versa.

Bounding Ray optics optimize the compact fluorescent triple tube source, assuring prudent energy consumption for general illumination. LED lamps consume minimal power and—with a 50,000-hour operational life expectancy—will not require replacement over many years of daily use.

Candéo LED is trimmed and finished to match standard Candéo as well as other Gotham downlighting, wallwash and directional accent luminaires in a space, allowing you to meet a myriad of application needs while maintaining continuity of appearance.
The options to control Candéo LED's decorative effect range from basic to advanced, depending on the needs of a space and desire for color management flexibility:

Candéo LED Color Modes

**GREEN – CYAN – BLUE**

**RADUAL FADE**

**RED – MAGENTA – BLUE**

**RADUAL FADE**

**RED – YELLOW – GREEN**

**RADUAL FADE**

**COLORS CHANGE FROM BLACK**

**RED – GREEN – BLUE**

**COLORS CHANGE FROM WHITE**

**RED – GREEN – BLUE**

**COLORS CHANGE FROM BLACK**

**GREEN**

**RADUAL FADE FROM BLACK**

**BLUE**

**RADUAL FADE FROM BLACK**

**WARM WHITE**

**WHITE**

**COOL WHITE**

**YELLOW**

**MAGENTA**

**CYAN**

**RED**

**GREEN**

**BLUE**

**16.6 million available colors**

**User selected colors, color change and timing modes provide a broad range of lighting design options**

**Dynamic Colors**

**Static Colors**

**DMX512** Compatible with commercially available DMX512 control system (provided by others)

Candéo LED's on-board master/satellite technology satisfies many basic applications where users can set it and forget it. Up to 128 connected luminaires will respond to settings on the first “Master” unit via switches integrated into the LED controller, accessed through the aperture. Nine pre-programmed static color modes and nine color changing modes are available with 99 timing cycle options.

In situations where users want to frequently change color settings, a nine-button wall controller provides convenient access to control up to 128 luminaires. Nine pre-programmed static color modes and nine color changing modes are available with 12 timing cycle options.

On-board response to DMX512 controls expands color choices to 16.6 million per luminaire and allows up to 99 luminaires or luminaire groups to be independently controlled. This offers highly sophisticated control of the visual environment by adjusting Candéo's color accent to the temporal requirements of a space.
Multicolor LEDs amplify the decorative effect of Gotham's unique Candéo aperture design, adding visual interest to a space without compromising downlighting performance. Management of static color choices and color change modes is virtually unlimited.
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**APERTURE/TRIM COLOR**
- Semi-specular
- Matte
- Diffuse

**FINISH**
- Brushed stainless, black frame and buttons
- Brushed aluminum, black frame and buttons
- Painted black, black frame and buttons
- Painted white, white frame and buttons
- Painted ivory, ivory frame and buttons

**NOTES**
1. Multi-volt electronic ballast capable of operating on any line voltage from 120V through 277V, 50 or 60 HZ.
2. Ships with two separate circuits.
3. 120V or 277V only.
4. Available in 26W and 32W only.
5. For dimensional changes, refer to Technical Bulletins tab.
6. For compatible Reloc systems, refer to Technical Bulletins tab.