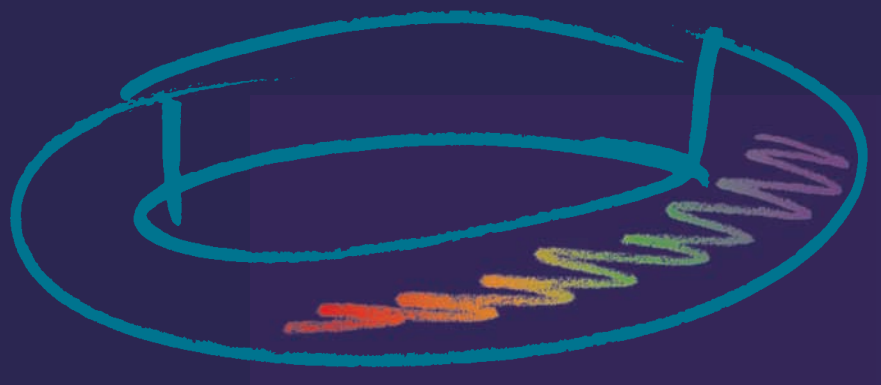


# candéo® LED

BLENDING DOWNLIGHT PERFORMANCE AND LED TECHNOLOGY



gotham®

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 within a space, 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.

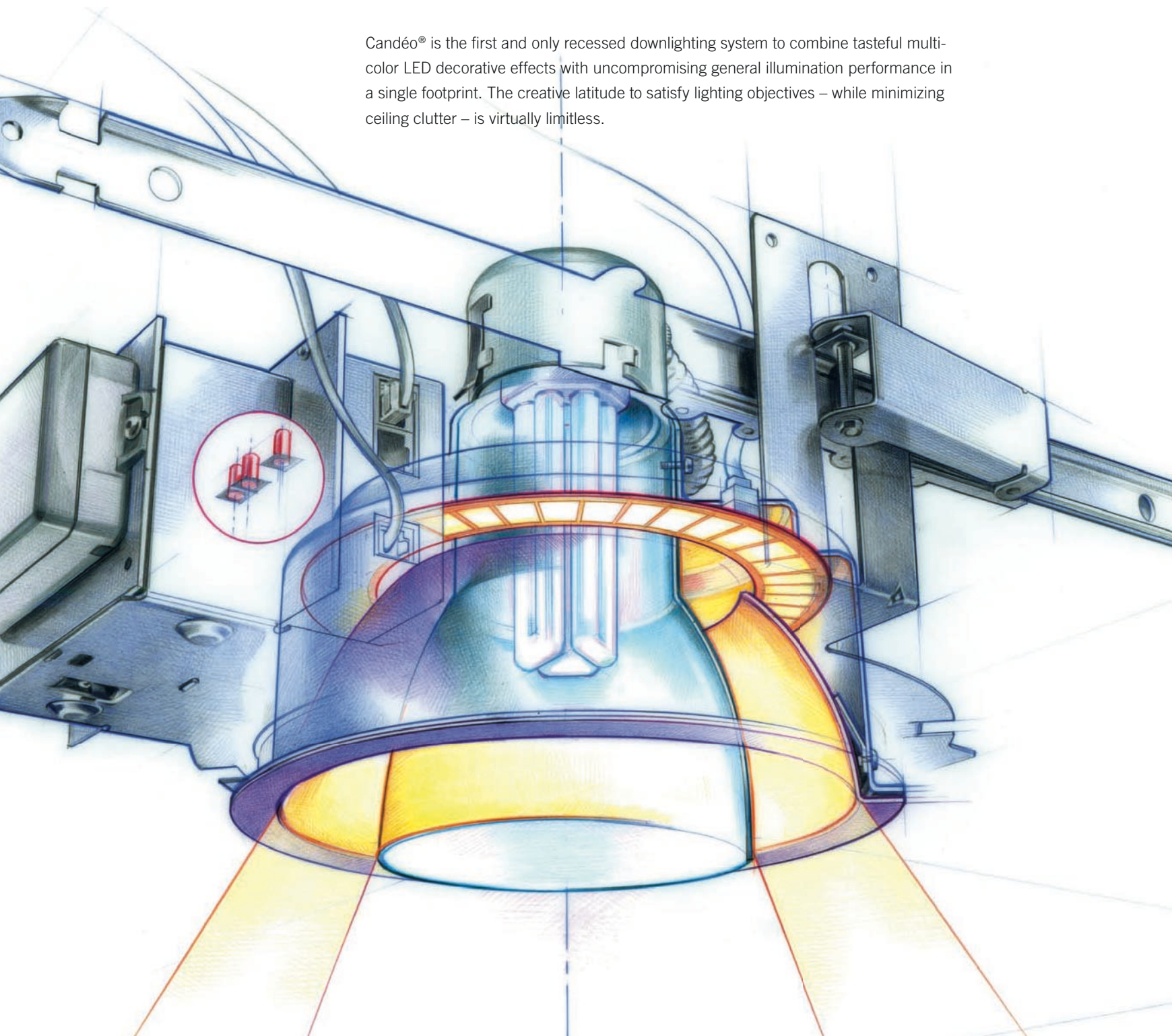
#### **LED TECHNOLOGY AMPLIFIES THE EFFECT**

Now, leading-edge LED technology boosts Candéo's dramatic impact, allowing users to control an unlimited range of colors and the rate at which they change – with or without elaborate control systems.

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 taken a major step forward. Ask your lighting representative for detailed information on Gotham's Candéo LED, or visit our website at [www.gothamlighting.com](http://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 patent-pending dual reflector system allows effective general illumination with a compact fluorescent source to function independently from a color-changing LED source.

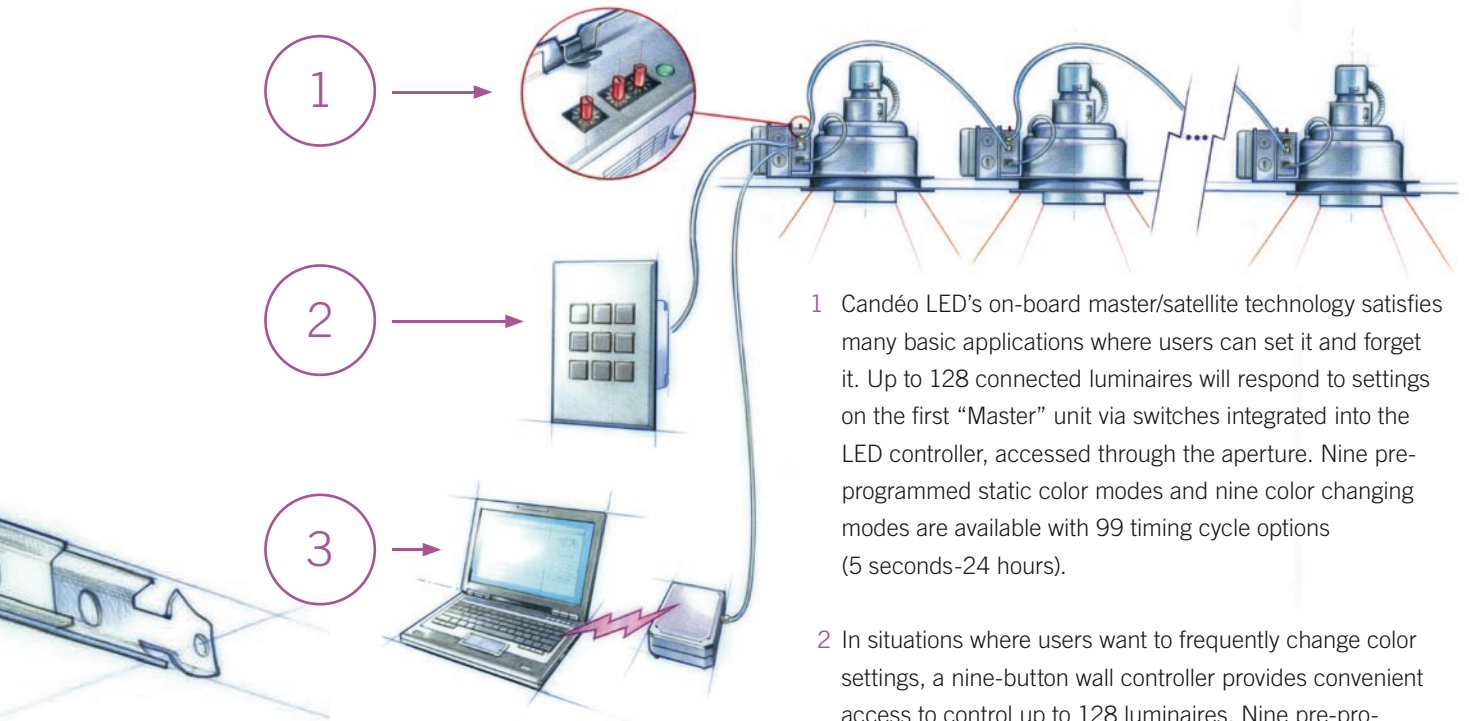
The outer cone and outside surface of the inner reflector combine to diffuse light reflected from an optical mixing chamber containing Red, Green and Blue LED's – creating the impression that the inner cone is floating inside the aperture.

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:



- 1 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 (5 seconds-24 hours).
- 2 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 (5 seconds-24 hours).
- 3 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 programmed. This offers highly sophisticated control of the visual environment by adjusting Candéo's color accent to the temporal requirements of a space.

## Candéo® LED Color Modes

Dynamic Colors	Static Colors	DMX512
RED – GREEN – BLUE GRADUAL FADE	WARM WHITE	16.6 million available colors
RED – GREEN – BLUE COLORS CHANGE FROM WHITE	WHITE	Compatible with commercially available DMX512 control system (provided by others)
RED – GREEN – BLUE COLORS CHANGE FROM BLACK	COOL WHITE	
RED – YELLOW – GREEN GRADUAL FADE	YELLOW	User selected colors, color change and timing modes provide a broad range of lighting design options
RED – MAGENTA – BLUE GRADUAL FADE	MAGENTA	
GREEN – CYAN – BLUE GRADUAL FADE	CYAN	
RED GRADUAL FADE FROM BLACK	RED	
GREEN GRADUAL FADE FROM BLACK	GREEN	
BLUE GRADUAL FADE FROM BLACK	BLUE	



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.



## ORDERING INFORMATION

### CANDÉO LED

SERIES	WATTAGE / LAMP	APERTURE/TRIM COLOR	FINISH	VOLTAGE	BALLAST <sup>2</sup>
PDLFV	18TRT	8AR Clear	(blank) Semi-specular	MVOLT <sup>1</sup>	(blank) Electronic ballast (standard)
	26TRT		LD Matte-diffuse	120	ADEZ <sup>3</sup> Advance Mark 10 <sup>®</sup> electronic dimming ballast
	32TRT			277	ADZT Advance Mark 7 <sup>®</sup> electronic dimming ballast DMHL <sup>3</sup> Lutron Compact SE™ electronic dimming ballast DMHL3 <sup>3,4</sup> Lutron Hi-Lume <sup>®</sup> 1% electronic dimming ballast

#### OPTIONS

- ELR<sup>5</sup>** Emergency battery pack. Remote test switch provided
- GMF** Single, slow blow fuse (not available with MVOLT)
- GLR** Single, fast blow fuse (not available with MVOLT)
- WLP** Lamp (shipped separately)
- LRC<sup>6</sup>** Provides compatibility with Lithonia Reloc<sup>®</sup> System. Lithonia Reloc System can be installed less this option with connectors provided by others. Access above ceiling required

#### 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.

### NINE BUTTON DIGITAL REMOTE WALLSTATION (Order as separate catalog number)

SERIES	FINISH
LFVRS	BJ4 Brushed stainless, black frame and buttons
	BA4 Brushed aluminum, black frame and buttons
	BL4 Painted black, black frame and buttons
	WC2 Painted white, white frame and buttons
	IE3 Painted ivory, ivory frame and buttons

### LFVRS ACCESSORIES (Order as separate catalog number)

- SYRS 1GR** Plaster ring, mounts to 4" box (by others)
- LSA CAT5** Plenum rated network cable. (Length must be specified 25FT or 50FT).  
Ex: LSA CAT5 25FT.

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