



ecos™ *lighting the next generation.*



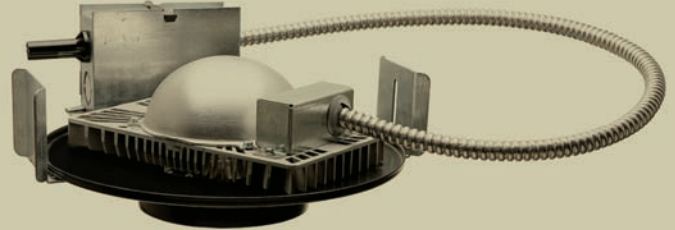
Light Emitting Diode (LED) technology has paved the way for significant gains in energy efficiency and sustainable design, and provided a platform for many interesting new lighting concepts. Until recently, however, LED-based downlighting has not delivered sufficient quality or quantity of illumination to satisfy general lighting needs for commercial and architectural applications.

With Ecos™, Gotham introduces the first complete family of recessed luminaires uniquely enabled by LED technology to deliver performance, comfort and aesthetics that are clearly superior to conventional downlighting systems.

performance without compromise.

Though LED sources offer energy efficiency and require little maintenance, Gotham believes quality of illumination should never be compromised. That's why, using a unique patent-pending design and advanced thermal engineering, we have developed a recessed luminaire that fully leverages both the practical attributes and design potential of LED technology.

Ecos™ uses advanced solid state (mercury-free) components to efficiently deliver lumens at levels comparable to those of well established lighting tools – 26W and 32W CFL. Users realize all the inherent benefits of LEDs without sacrificing the lighting performance needed to enhance productivity, security and well-being.



easy on the eyes.

Ecos delivers remarkable visual comfort throughout a space. With its unique optical configuration, a distributed LED source is completely shielded by the luminaire's trim and emitted light redirected by a highly reflective diffuse element. With minimum 30° optical cut-off patented Bounding Ray™ reflector and a completely uniform indirect source below cut-off, discomfort glare is virtually nonexistent.

Ecos blends quietly into the ceiling plane. No mechanical hardware or source details are visible from any view – above or below shielding angle. 4" and 6" apertures may be specified in a wide choice of trim options.

an integrated, fully-functional family.

The Ecos family includes recessed downlights, wallwash and emergency lighting. So you can plan an entire space using performance LED lighting with a strong sense of design continuity. Light levels can be varied to accommodate different functions and changing environmental factors – Ecos' LED sources allow dimming with no change in color appearance or rendering.

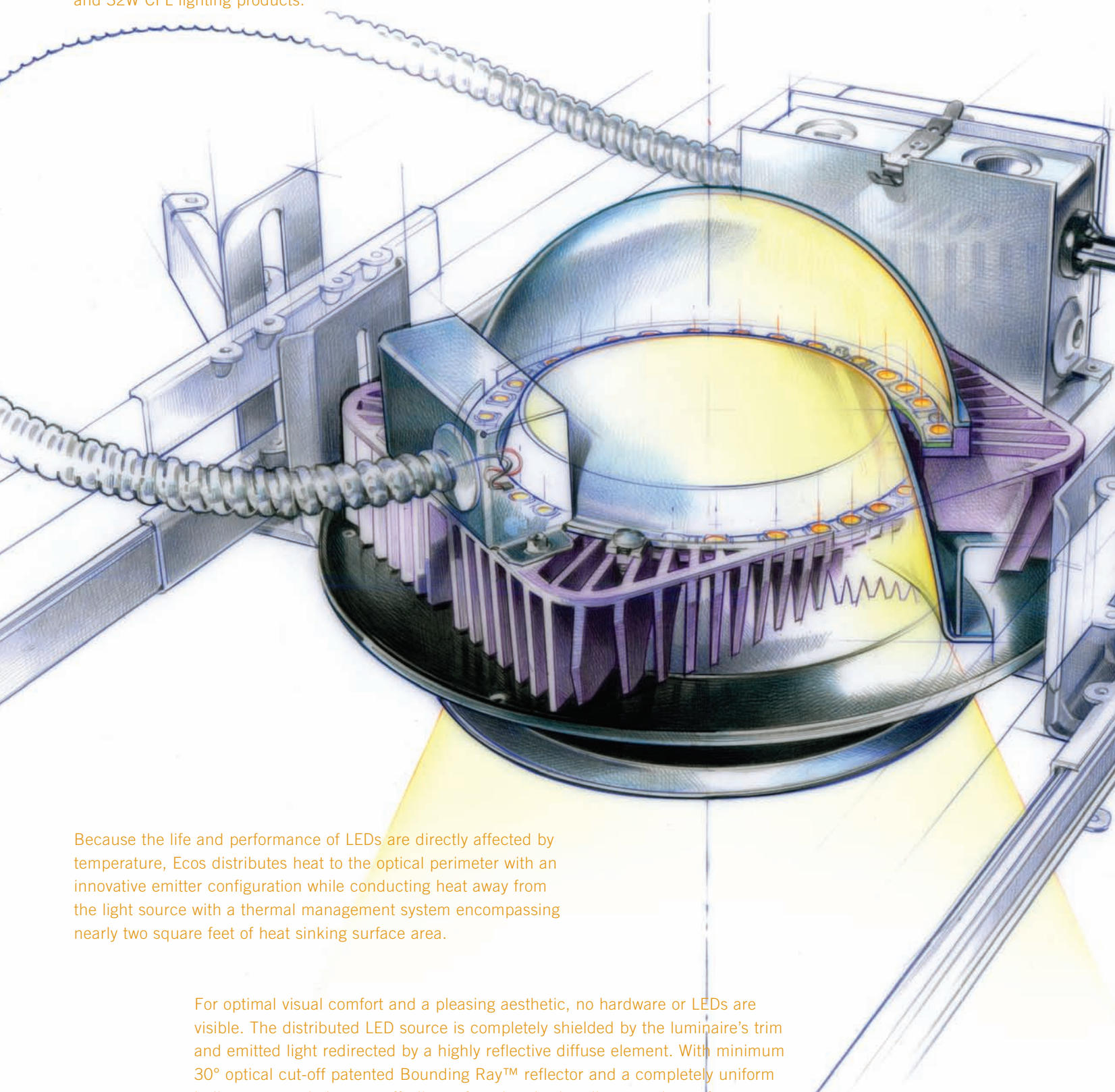
For the ultimate in building energy management, combine Ecos with our Simply5™ energy management system to integrate dimming, motion sensing, daylight compensation, light scheduling and load shedding with simple setup, calibration and programming.

designed for future upgrades.

With Ecos, energy savings and reduced lighting maintenance provide immediate benefits. The luminaires are rated for 50,000 hours of life, more than four times that of compact fluorescent sources. The system is completely reliable – developed, tested and backed by Gotham and technology partner Sylvania. And the patent-pending Ecos optical module is designed for easy upgrade as LED technology advances, so it will continue to deliver maximum available savings in the years to come.

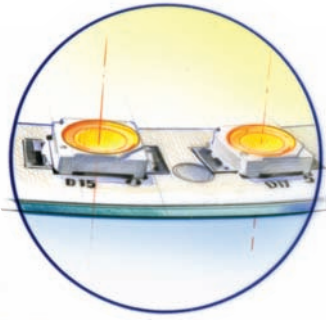
Ask your Gotham representative for more information on Ecos, the first integrated family of high-performance LED recessed downlighting products. Or visit our website at www.gothamlighting.com.

Ecos™ employs a unique optical system design and highly advanced thermal engineering to fully realize the attributes of LED sources while maintaining delivered lumens at levels comparable to traditional 26W and 32W CFL lighting products.



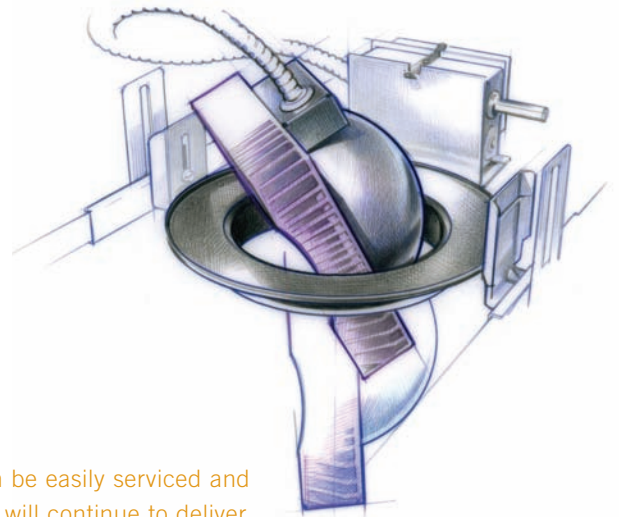
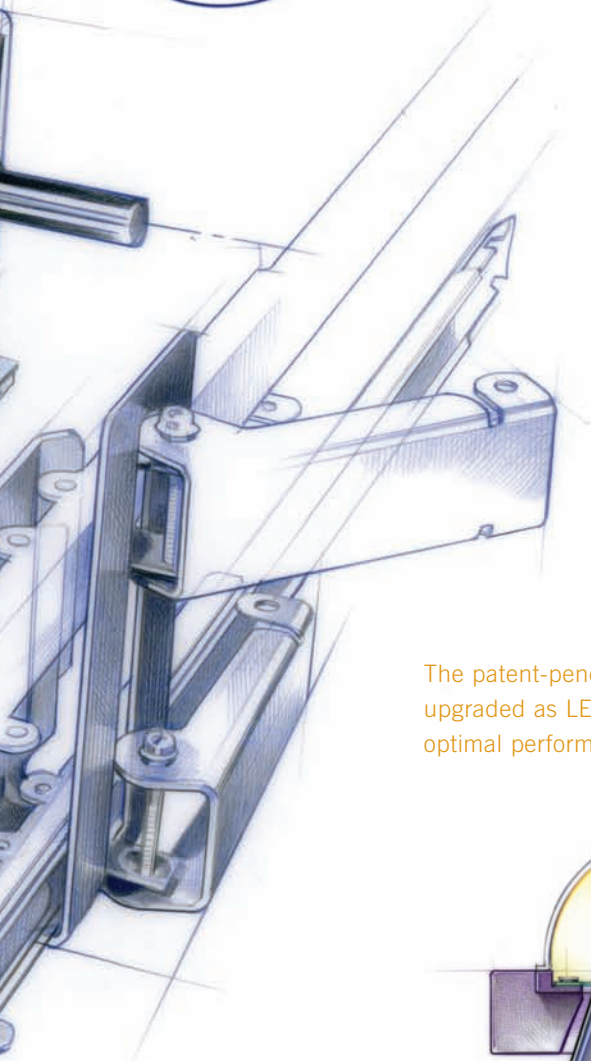
Because the life and performance of LEDs are directly affected by temperature, Ecos distributes heat to the optical perimeter with an innovative emitter configuration while conducting heat away from the light source with a thermal management system encompassing nearly two square feet of heat sinking surface area.

For optimal visual comfort and a pleasing aesthetic, no hardware or LEDs are visible. The distributed LED source is completely shielded by the luminaire's trim and emitted light redirected by a highly reflective diffuse element. With minimum 30° optical cut-off patented Bounding Ray™ reflector and a completely uniform indirect source below cut-off, discomfort glare is virtually non-existent from any viewing angle.

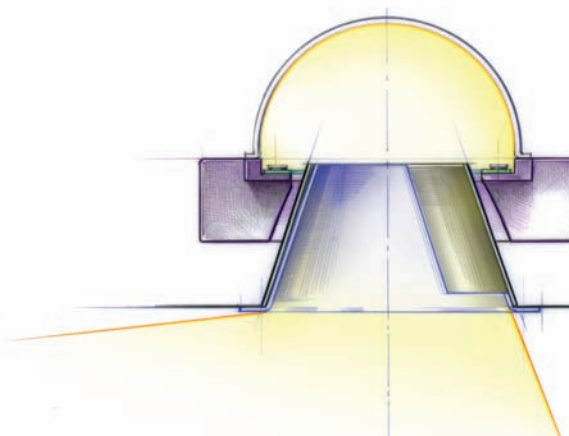


Only highest quality white LEDs are used, each carefully binned to ensure tight tolerance relative to lumen output and color consistency among all luminaires.

Advanced highly reflective materials help Ecos optics achieve superior photometric efficiency and deliver the increased lumen packages needed for commercial and architectural applications.



The patent-pending Ecos optical module can be easily serviced and upgraded as LED technology advances, so it will continue to deliver optimal performance for years to come.

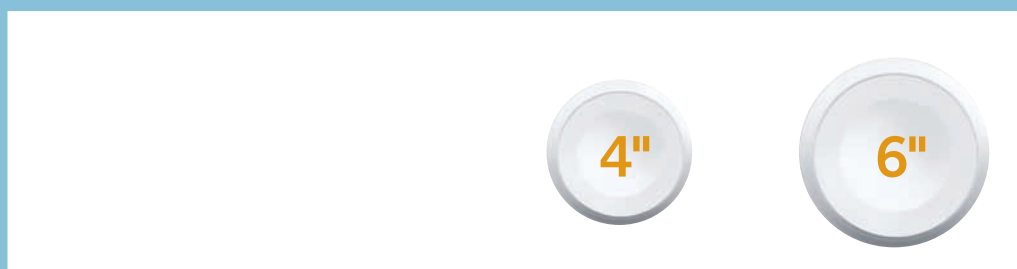


Ecos provides a complete set of lighting tools for any project. Downlight and wallwash optical designs are available with Simply5™ energy management system and emergency lighting (EL/ELR) capabilities.



Ecos™ high-performance LED recessed lighting delivers the planet-friendly, cost-saving benefits of LED technology while enhancing visual comfort and the aesthetic quality of a modern “quiet” ceiling. The integrated family of downlights, wallwash and emergency lighting allows you to meet a broad range of needs with a minimal, harmonious appearance.

Gotham's all-new Ecos™ family of high-performance recessed LED luminaires includes design-integrated downlight, wallwash and emergency lighting in 4" and 6" apertures, satisfying a range of needs in commercial and architectural applications such as office, educational and retail environments.



downlight 	✓	✓
wallwash 	✓	✓
delivered lumen output* (nominal)	1000 lumens	1400 lumens
equivalent delivered lumens**	26W TRT 6" aperture 32W TRT 5" aperture	32W TRT 6" aperture
source color temperature	3500°K 4100°K	3500°K 4100°K
input power	29 watts	38 watts
SIMPLY5™ energy management system	available option	
emergency battery back-up	integral or remote	
trim finish options	diffuse anodized, semi-specular anodized, micro-groove baffle (black or white)***, smooth painted (white)	

* delivered lumen output quantifies the amount of light exiting the luminaire and is measured in accordance with IESNA LM-79. Listed lumen values are initial and nominal. Refer to specification sheets for actual values based on specific configurations.

** equivalent delivered lumens are expressed for commonly used light sources that provide comparable delivered lumens.

*** micro-groove baffles are only available in downlight configurations. Not available in wallwash.

ORDERING INFORMATION

ECOS™ - LED

SERIES	COLOR TEMPERATURE/LUMEN OUTPUT	APERTURE/TRIM COLOR	FINISH	VOLTAGE
ECSR downlight	35/10 ¹ 3500°K/1000 lms	4AR Clear	(blank) Semi-specular	120
ECSRW wallwash	35/14 ² 3500°K/1400 lms	4PR Pewter	LD Matte-diffuse	277
	41/10 ¹ 4100°K/1000 lms	4UBR Umber		347 ⁴
	41/14 ² 4100°K/1400 lms	4WTR Wheat		
		4GR Gold		
		4MB ³ Black baffle		
		4WR ³ White painted		
		4WB ³ White baffle		
		6AR Clear		
		6PR Pewter		
		6UBR Umber		
		6WTR Wheat		
		6GR Gold		
		6MB ³ Black baffle		
		6WR ³ White painted		
		6WB ³ White baffle		

DRIVER	OPTIONS
(blank) Solid state LED driver	SF Single Fuse
S5 ^{5,6} SIMPLY5™ energy management system	EL ⁷ Emergency battery pack with integral test switch
S5 HW ⁶ SIMPLY5™ energy management system less Reloc	ELR ⁷ Emergency battery pack with remote test switch
	TRW White painted flange
	TRBL Black painted flange
	LRC Provides compatibility with Lithonia Reloc® System. Access above ceiling required
	CP Chicago Plenum approved

NOTES

1. Available in 4" aperture only.
2. Available in 6" aperture only.
3. Not available with finishes. TRW standard.
4. Height of fixture increases 3".
5. SIMPLY5™ includes 9' S5 MLC Reloc wiring system (shipped separately). See simply5.net for more information.
6. Available in 120V or 277V.
7. For dimensional changes, refer to gothamlighting.com.

gotham®

GOTHAM ARCHITECTURAL DOWNLIGHTING
 A DIVISION OF ACUITY BRANDS LIGHTING, INC.
 1400 Lester Rd Conyers, Georgia 30012
 P 800 315 4982 F 770 860 3129
 www.gothamlighting.com
 An Acuity Brands Company