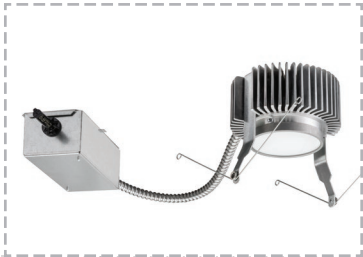


EVO® LED RETROFIT

DOWNLIGHT & WALLWASH



Evo retrofit kit (series: EVO R): open / lm/W: 97.0 (4500lm)



This application is ideally suited for Evo.

■ Evo® retrofit: Convert to solid-state.

Compared with CFL, HID, or incandescent, LED can reduce energy usage by as much as 81% over what you may be using now. That's a dramatic number. Evo allows you to take advantage of this without diminished performance — Gotham® brings all the features and benefits of an Evo open downlight to a retrofit luminaire.

- Designed for use with Gotham CFL, HID and incandescent downlight frames — contact us for non-Gotham renovation needs
- Like the open downlight, Evo solid-state retrofit luminaires tested to LM-79-08 standards and ENERGY STAR® certified — Evo LEDs tested to LM-80 standards
- Same distributions available as open downlight, featuring patented bounding ray optics



Downlight trim type



Retrofit wallwash trim type (W)

Evo Distributions



EVO®. FUTURE READY.

Evo is a family platform specifically designed to allow for the integration of advances in solid-state technology. Leveraging a modular design allows Gotham to reconfigure the mixing chamber, reflector, lenses, drivers and LEDs independently of one another, creating enormous flexibility to upgrade efficiency and efficacy as technology advances. Here's how we make it possible:



Evo's configurable light engine.

- 1 REMOVING HEAT /** Evo's thermal design ensures that LED temperatures remain below the thermal limit. Enhanced color stability is a direct result, along with better fixture-to-fixture consistency and longer LED life.
- 2 PROVIDING LIGHT /** LED boards in all Evo luminaires are configurable and replaceable, enabling us to upgrade to higher-efficiency systems as technology advances. The LEDs are binned to a 2.5-step MacAdam's ellipse to achieve consistent color from luminaire to luminaire.
- 3 BLENDING LIGHT /** Evo mixing chamber optics are built using 98.5% reflective material, and shaped to eliminate color separation and pixilation to produce smooth, pleasing light.
- 4 FOCUSING LIGHT /** A lens composed of 92% transmissive holographic film forms the heart of Evo's modular design. This is the final step in a process to collimate light, and create a luminaire with optimal distribution.
- 5 CONTROLLING LIGHT /** With eldoLED drivers dimming to 1% or <1% via 0-10V, DALI or DMX/RDM and nLight by Acuity Controls, EVO delivers premium dimming and networkable control solutions.

EVO LED RETROFIT

series		type	color temperature		nominal lumen output		aperture	trim color		trim type		distribution	
REQUIRED										OPTIONAL			
EVO		R	30/20		6AR								
EVO ¹	R	retrofit	27/	2700K	07	750 lumens	4	AR	clear	blank	downlight	VND	very narrow
			30/	3000K	10	1000 lumens	6	PR	pewter	W	wallwash	ND	narrow
			35/	3500K	15	1500 lumens	8	WTR	wheat			MD	medium
			40/	4000K	20	2000 lumens		GR	gold			MWD	medium wide
					25	2500 lumens		WR	white			WD	wide
					30	3000 lumens		BR	black				
					35	3500 lumens		WRAMF	white anti-microbial				
					40	4000 lumens							
					45	4500 lumens							

finish		voltage	driver		options	
OPTIONAL		REQUIRED		OPTIONAL		
LD		120	EZ1			
LSS	semi-specular	MVOLT	EZ1	eldoLED 1% 0-10V	SF	Single Fuse
LD	matte-diffuse	120	EZB	eldoLED <1% 0-10V	TRW	White painted flange
LS	specular	277	EDAB	eldoLED <1% DALI	TRBL	Black painted flange
		347	EDXB	eldoLED <1% DMX/RDM	ELR	Battery pack (remote)
			EXA1	XPoint Wireless, eldoLED 1% dimming. Only available for 0-10V	EL	Battery pack
			EXAB	XPoint Wireless, eldoLED <1% dimming	NPS80 EZ	nLight® dimming pack controls 0-10V eldoLED drivers
			ECOS2	Lutron ECOS 2-wire	NPS80 EZ ER	nLight® dimming pack controls 0-10V eldoLED drivers. ER controls fixtures on emergency circuit.
			ECOS3	Lutron ECOS 3-wire	CRI90	High CRI (90+)
					BGTD	Bodine Generator Transfer Device
					RRL	RELOC Ready
					WRS	FIDO wireless reporting system

notes:
¹ Please consult www.gothamlighting.com for full specification details and notes