

EVO[®] LED
CYLINDERS



gotham[®]



Evo surface-mount cylinder (series: EVO CYL) / lm/W: 97.0 (4500lm)



This application is ideally suited for Evo cylinders.

Beyond the ceiling. You need a luminaire with the optics and appearance of a downlight, but don't have the ability to install one. This cylinder is an obvious solution.

- Optics identical to those of Evo downlights for visual consistency between cylinders and recessed lighting types

- Patented Bounding Ray™ optics balance efficacy with aperture aesthetics
- Evo solid-state luminaires tested to LM-79-08 standards and ENERGY STAR® certified — Evo LEDs tested to LM-80 standards

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.

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REQUIRED		OPTIONAL										REQUIRED	
series	type	color temperature	nominal lumen output	aperture	trim color	trim type	distribution	finish	voltage				
EVO	CYL		35/20		6WR			LD	277				
EVO ¹	CYL cylinder	27/ 2700K 30/ 3000K 35/ 3500K 40/ 4000K	10 1000 lumens 15 1500 lumens 20 2000 lumens 25 2500 lumens 30 3000 lumens 35 3500 lumens 40 4000 lumens 45 4500 lumens	6 8	AR clear PR pewter WTR wheat GR gold WR white BR black	blank downlight W wallwash	VND very narrow ND narrow MD medium MWD medium wide WD wide	LSS semi-specular LD matte-diffuse LS specular	MVOLT 120 277				

driver	mounting	options	accessories
EZ1	FCM		
EZ1 eldoLED 1% 0-10V	FCM surface	SF single fuse	order as separate catalog numbers (shipped separately)
EZB eldoLED <1% 0-10V	WM wall	CR190 high CRI (90+)	CYS 3/8" stem and canopy with 5° "hang straight" swivel
EDAB eldoLED <1% DALI	PM pendant	NPS80 EZ nLight® dimming pack controls 0-10V eldoLED drivers	CRS 3/8" stem and canopy with 45° swivel
EDXB eldoLED <1% DMX/RDM	ACC aircraft cable and cord mount	NPS80 EZ ER nLight® dimming pack controls 0-10V eldoLED drivers. ER controls fixtures on emergency circuit.	CYSX 3/8" stem and canopy with 5° "hang straight" swivel. Use this nomenclature when ordering EDXB driver
EXA1 XPoint Wireless, eldoLED 1% dimming. Only available for 0-10V			CRSX 3/8" stem and canopy with 45° swivel. Use this nomenclature when ordering EDXB driver
EXAB XPoint Wireless, eldoLED <1% dimming			SDT 347V Step-down transformer
ECOS2 Lutron ECOS 2-wire			75VA1
ECOS3 Lutron ECOS 3-wire			

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