

EVO® LED VANDAL RESISTANT



Evo vandal-resistant LED (series: EVO VR) / Lightshield™ bezel shown with oil-rubbed bronze finish



This application is ideally suited for Evo vandal-resistant.

- **High performance, high security.** Evo® vandal-resistant luminaires are available with Gotham® Lightshield™ bezels. A downlight both rugged and precise, it features advanced solid-state technology and delivers exceptional quality of light.
- Lightshield™ bezel is made of low-copper aluminum, and finishes are salt-spray tested to 1,000 hours for superior corrosion resistance
- Stainless steel T20 Torx®-head screws ensure a tamper-proof barrier, protecting the downlights from theft and vandalism

- Decorative bezel available in plated finishes or with textured polyester powder coat in standard architectural colors
- Ingress protection up to IP65 prevents moisture and dust from entering luminaire from the roomside
- Evo solid-state luminaires tested to LM-79-08 standards — 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.

EVO VANDAL RESISTANT LED

series	type	color temperature	nominal lumen output	aperture	trim color	finish	lens
REQUIRED						OPTIONAL	
EVO	VR	30/20		6AR		T73	
EVO ¹	VR vandal resistant downlight	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	LSS semi-specular LD matte-diffuse LS specular	PCL 1/8" clear polycarbonate CGL 1/8" clear glass T73 3/16" tempered prismatic PPC 1/8" prismatic polycarbonate FOL 1/8" tempered flush opal glass CVX 3/16" clear convex glass

voltage	driver ¹	options
REQUIRED		OPTIONAL
277	EZ1	
MVOLT	EZ1 eldoLED 1% 0-10V	SF Single fuse
120	EZB eldoLED <1% 0-10V	CRI90 High CRI (90+)
277	EDAB eldoLED <1% DALI	WG Wire guard
347	EDXB eldoLED <1% DMX/RDM	PCU Polycarbonate underlay
	EXA1 XPoint Wireless, eldoLED 1% dimming. Only available for 0-10V	CP Chicago plenum
	EXAB XPoint Wireless, eldoLED <1% dimming	WRS FIDO wireless reporting system
	ECOS2 Lutron ECOS 2-wire	
	ECOS3 Lutron ECOS 3-wire	
		architectural colors
		DWHG Matte white (standard)
		DDB Dark bronze
		PCB Black
		DWH Gloss white
		DMB Medium bronze
		DNA Natural aluminum
		DSS Sandstone
		DGC Charcoal grey
		DTC Tennis green
		DBR Bright red
		DSB Steel blue
		PWR Pewter plating
		SCH Satin chrome plating
		ORB Oil-rubbed bronze

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