

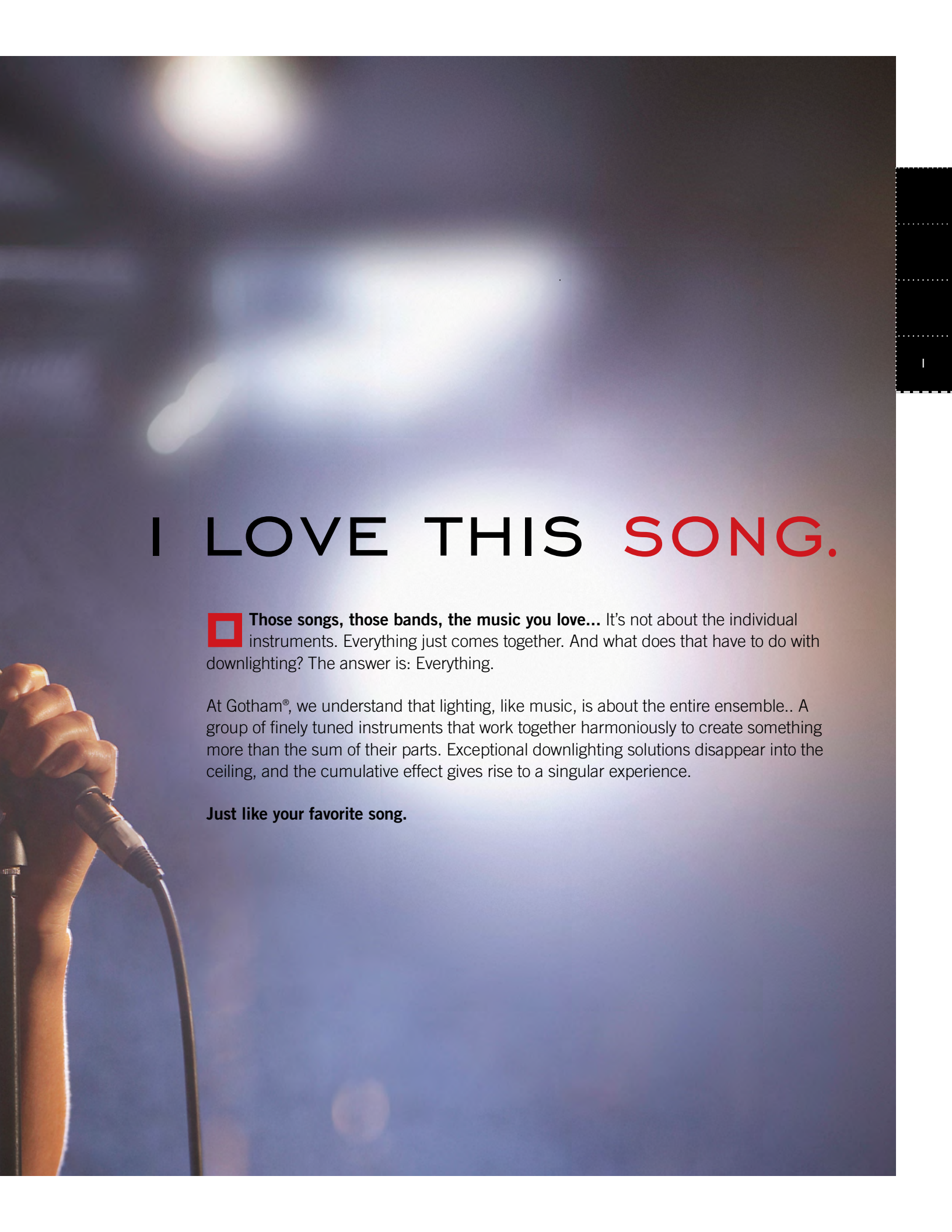


LAYERS OF LIGHT

CREATING THE PERFECT ENSEMBLE

SCIENCE POWERS  DESIGN



A hand holding a microphone is visible on the left side of the page. The background is a dark stage with several bright, out-of-focus spotlights creating a bokeh effect. The overall color palette is dark with highlights from the stage lights.

I LOVE THIS SONG.

□ Those songs, those bands, the music you love... It's not about the individual instruments. Everything just comes together. And what does that have to do with downlighting? The answer is: Everything.

At Gotham®, we understand that lighting, like music, is about the entire ensemble.. A group of finely tuned instruments that work together harmoniously to create something more than the sum of their parts. Exceptional downlighting solutions disappear into the ceiling, and the cumulative effect gives rise to a singular experience.

Just like your favorite song.



PERCEIVED LIGHT: BOUNDING RAY.™

Behind every great band is a trademark – maybe it’s a heavy backbeat, lyrics that tug at your heartstrings, or an iconic lead singer who commands the stage. Gotham’s trademark is Bounding Ray™ technology. It is the foundation of everything we do.

Whether you’re sitting, standing, walking or dancing a waltz, your perception of light should be seamless, visually comfortable and without distraction. It’s about your experience within the space — not the luminaire. These are the key visual attributes to strive for when selecting downlighting. Gotham’s Bounding Ray method allows us to consistently achieve that throughout our portfolio.

1

CUT-OFF

Good cut-off or shielding is a must, as we are very sensitive to distracting brightness in our peripheral vision. Concealing the light source from our line of sight is the essence of downlighting, but deep regression alone isn’t the best solution. All source and source images must take place above the brow-line shielding angle to truly provide minimal distraction.

2

LIGHT DELIVERY

We are also highly sensitive to movement in our peripheral vision. Gotham’s Bounding Ray optical design meticulously controls light exposure to a room’s occupants, eliminating distractions from the luminaire. The source image is shown simultaneously at the top of the reflector next to the source — and only at the moment when the source itself is revealed. If you look up while moving toward a Gotham downlight, source and source image appear together, gracefully transitioning from top to bottom.

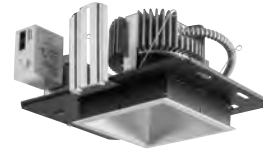
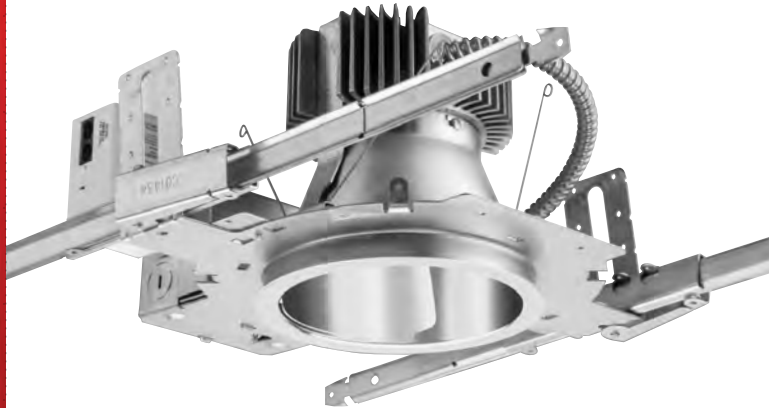
3

EFFICACY

EVO and Incito luminaires achieve these cut-off and reveal-of-light parameters without negative effect to lumen output or quality of light. This is very difficult to achieve, but Gotham does, repeatably achieving the ideal balance between cutoff, top-down flash, and efficacy. It is completely unique — which is why we were able to patent it.

EVO®. THE RHYTHM SECTION.

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EVO wallwash (left) / EVO open square (top right) / EVO regressed shower light (middle) / EVO cylinder (bottom)

Meet the band. Gotham EVO® is the backbone of the group. What makes a brilliant melody, or a great solo stand out? Simple: A rock-solid rhythm section.

EVO delivers soft-edged — yet precisely controlled — light. Exceptional optics enable EVO beam angles to blend smoothly out to (and beyond) their field angles. That isn't easy to do, and it's what gives EVO luminaires their characteristic "precision softness."

EVO is tailored for general illumination, and is particularly well suited for ambient and wallwash applications. The full line also features luminaires for special applications, medical environments, luminaires with nTune, and a range of decorative trims.



LAYER ONE
EVO Open Downlight

Let's start very simply, with general ambient lighting through the center of the space. That's the first layer in the design of this restaurant and bar area — the full lighting scheme works outward from here.

aperture
EVO 4-inch

lumen package
1000

distribution
1.0 S/MH (medium-wide)

5



LAYER TWO
EVO Lensed Wallwash

Wallwashing the back wall increases the perceived spatial extent of the bar, and insinuates that there's something beyond the bar area in the rear hallway.

aperture
EVO 4-inch wallwash

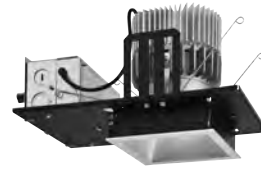
lumen package
1000

distribution
lensed wallwash

EVO is the rhythm section of a Gotham downlighting ensemble — the illuminated backbeat to build upon.

INCITO™ LEAD GUITAR.

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Incito open downlight (left) / Incito square (top right) / Incito recessed adjustable (middle) / Incito cylinder (bottom)

With Gotham Incito™ designers can kick the whole ensemble into a higher gear.

Like a guitar solo, it'll get your attention.

Incito optics pull the field angle tight in to the beam angle. These are luminaires that emit punchy, dramatic illumination — with sharp contrast, crisp highlights, and deep shadows. Narrow angles in particular are very difficult to do well — and Incito positively excels at them.

Perfect for a myriad of lighting applications, such as task, directional, or accent — Incito meshes indistinguishably with EVO as one of the elements in an impressively quiet ceiling.

But, when it comes to visual impact, these are two very different animals. Or, should we say, instruments. Rhythm and lead.



LAYER THREE
Incito – Grazing

Wall grazing at the perimeter of the cafe space adds depth, texture, and helps establish a visual boundary for more dimensionality.

aperture
 ICO 2-inch (downlights)
 ICO 2-inch (wall-mount cylinders)
 ICO 2-inch (lensed wallwash)

lumen package
 1500 (adjustable downlights),
 1500 (lensed wallwash), 750 (cylinders)

distribution
 15° (downlights), 15° (cylinders),
 lensed wallwash



LAYER FOUR
Incito – Task Lighting

For a final touch, an array of Incito cylinders and adjustable downlights are both in use to place pools of light onto tabletop and bar surfaces. The wide range of distribution options enables designers to specify luminaires while accommodating different ceiling heights and surface geometries.

aperture
 ICO 2-inch (pendant-mount cylinders)
 ICO 2-inch (adjustable downlights)

lumen package
 500 (cylinders), 1500 (adjustable downlights)

distribution
 50° x 20° (cylinders), 20° (adjustable downlights)

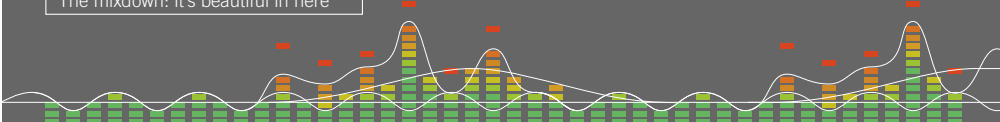
Incito ups the drama — with its incredible range of options, Incito gives designers the ability to try almost anything.

GOTHAM DOWNLIGHTING. THE

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The mixdown: it's beautiful in here



STUDIO MIX.



It all comes together.

 So, in the end, here we are.
The Studio Mix.

Gotham LED downlighting technology gives lighting designers and architects a powerful toolbox — a studio full of perfectly tuned instruments — to make something evocative and truly memorable.

In the end, though — for the people who inhabit these spaces — it comes down to a feeling, just like a great song. What matters most is pretty simple: Do I like it? Is this a place I want to be?

And once that perfect track is laid down, there's only one thing left to do: take it to the stage.

Gotham Downlighting is an exceptional choice, where subtlety and control are crucial to the feel of the space. There are a myriad of ways EVO and Incito can be layered and combined to create something truly memorable.

MYO™ THE LIVE SHOW.



MYO 3-head (top) / MYO 3-head with pendant (top right) / 1, 2, and 3-head form factors (bottom)

□ Gotham MYO™ lets designers reimagine how to play to their audience.

If EVO and Incito blend to create a powerful studio track, then MYO takes the same melody and rhythm, and repackages it into a compact, unique live performance. Stay close to classic modernist downlighting principles, or go in a dramatically different direction.

Optically, MYO hews closely to the Incito model — punchy and dramatic, with sharp contrast. And MYO doesn't need a big stage to perform; the line consists of 2" multi-functional luminaires, in configurations of one, two, or three heads. MYO's groundbreaking mechanical design allows for unprecedented flexibility in positioning, form factor, and color.

MYO adjustables can rotate 360° and tilt up to 40°. That holds true for all three sources in a three-light configuration — even though the entire ceiling opening is less than 10" long.

Baffles come in 11 different color options. Each component source in a single or multi-functional luminaire may be specified in either downlight, adjustable, wallwash, or pendant configurations.



**SYNCHRONIZED
LAYERS**
MYO 2-Head

■ **Multiple layers within a single luminaire.** MYO multiples combine unprecedented size, performance and configurability to create perfect harmony within a space.

The photo on the left features 10 MYO luminaires. Each includes two heads, which we'll refer to as "A" and "B".

The "A" heads are tuned to provide an even layer of ambient lighting for the room. Meanwhile, the "B" heads have a tighter beam distribution, drawing guests to the tables and chairs.

There's a whole new look and feel when MYO joins EVO and Incito in a remixed ensemble of downlighting in this restaurant and bar area. Additional visual points of interest give the space more sparkle and pop, with no loss of performance or control.

MYO A – Ambient Lighting

lumen package

750

distribution

45°

MYO B – Task Lighting


lumen package

1000

distribution

15°

MYO lets designers go high-key — decorative options and configurability add an entirely new layer to downlighting schemes.



You may go to a rock concert to see the guitarist or hear an amazing singer, but in the end, the chemistry of the band is what makes it all come alive.

A CONSISTENT MELODY.


Downlighting is all about disappearing sources and visible effects. If an individual luminaire fails to perform correctly, it stands out. People notice. The way they notice an out-of-tune violin at the symphony. Gotham luminaires are always in tune. They play together expertly: colors match, dimming matches, response times match.

1 COLOR CONSISTENCY
LEDs must be sorted after manufacture so they're closely color matched. The standard was established in 2008 and is referred to as ANSI binning. Gotham LEDs must fall within a 2.5-step MacAdam's ellipse centered on each standard ANSI bin. This significantly reduces acceptable color variation and assures that EVO and Incito luminaires will be indistinguishable in color from one another in the ceiling.

2 DIMMING CONSISTENCY
Dimming digital devices like LED luminaires can be complicated. Current levels are altered in distinguishably small steps, and the human eye is very sensitive to brightness changes, particularly at low light levels. Gotham digital dimming is calibrated so that changes in brightness feel continuous — following the same dim curve within the same minimum dim levels to ensure luminaires dim harmoniously.

3 RESPONSE CONSISTENCY
Gotham luminaires are available with various dimming protocols, such as 0-10V, DALI, DMX and nLight. nLight networks deliver control messages in less than 300 milliseconds, which assures that every device receives its instructions virtually simultaneously. Responses are therefore extremely well synchronized.

DOWNLIGHTING

 The design team at Gotham is continuously developing new products to fulfill your downlighting needs for any space. Keep up to date with the latest product launches and updates by visiting www.gothamlighting.com.

SCIENCE POWERS  DESIGN



A+ Certified solutions from Acuity Brands help you quickly and confidently select and implement lighting systems, for indoor or outdoor applications, that are both compatible and consistent.

For lighting applications, A+ means verified consistent performance, visual appearance and system interoperability of all luminaires and controls within the certified solution. For lighting professionals, it means confidence that all parts of the lighting system will work together and meet common Acuity Brands specifications.

Go to www.acuitybrands.com/solutions/a-certified or contact your local Acuity Brands representative for more information.