



**MAINSTREAM  
DYNAMIC**

BY ACUITY BRANDS®

# EVERYDAY SPACES – TRANSFORMED

**AcuityBrands**®



Acuity Brands is the North American market leader and one of the world's leading providers of lighting systems. With our comprehensive portfolio and in-depth knowledge of lighting, controls and daylighting, we provide integrated, intelligent solutions from one company. We offer expertise throughout the project lifecycle, while striving to make doing business with us valuable and easy.

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# YOU HAVE A VISION

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You know what your client desires, and you know how the space should ultimately look. But with limited feature availability, mismatched forms and complex networks at your disposal, how do you bring your vision to life?

Introducing Mainstream Dynamic by Acuity Brands® – a simplified, holistic dynamic solution for mainstream applications. With exciting dynamic features once reserved for niche applications, you can now transform your everyday spaces with WarmDim®, Tunable White, Architainment Color, Grayscale, Color Accent.

We've even taken it one step further. Dynamic lighting is complex, but Acuity has made it simple by offering you a complete solution that is easy to install, configure and maintain in mainstream applications. And because it's A+ Certified, you can rest assured that the interoperable Mainstream Dynamic solution will function – and the space will look – exactly the way you've envisioned.

**The kicker? It's all from one company. Some may call this approach bold. At Acuity, we call it a game changer.**

## MAKING THE COMPLEX SIMPLE.

Historically, dynamic lighting has been difficult to do well. For the people who use it, the thing that matters most is not just that it works, but that it works seamlessly.

At Acuity Brands, our approach to Mainstream Dynamic is this: Make it effortless for end users by addressing all of the hidden complexity well before the product ever gets into your hands. We achieve this by testing and calibrating our solution components together, with a scrupulous eye on color and dimming consistency to safeguard design integrity.

Because our integrated luminaires and controls are designed to work together, we've virtually eliminated post-installation issues, ensuring you can bring your vision of an intelligent environment to life quickly – and with no call-backs.

# THE FEATURES YOU WANT

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## **WARMDIM®**

Replicate the comfortable, familiar feeling of traditional white sources warming in color as they are dimmed



## **TUNABLE WHITE**

Reproduce natural light patterns and colors, complement materials and support productivity with white light featuring CCT control



## **ARCHITAINMENT COLOR**

Paint with RGB and RGBW for saturated and pastel colors and movement to affect mood and scene setting



## **GRAYSCALE**

Subtle natural patterns and movement to your space without distracting illumination changes, taking white light to new levels



## **COLOR ACCENT**

Add subtle color to mainstream spaces without colorization by creating combination luminaires that provide functional light and mood setting visual interest elements.

## **WE'VE SWEATED THE DETAILS, SO YOU DON'T HAVE TO.**

Precise control at the hands of a specialist is required to achieve many of the effects these features enable. With Acuity Brands Mainstream Dynamic this is a non-issue. For WarmDim, Tunable White and Architainment Color, Grayscale, and Color Accent we have created simple, clear-cut controls for the non-specialist.

The controller speaks the same language all the way to the luminaire, ensuring accuracy and consistency.

The end user configuring the system will be presented with easy-to-use sliders on their controller, in natural language. Set the CCT to 3500K and the intensity to 100% and you have your starting point. Then, set the CCT to 2200K and the intensity to 10% and you have your end point. Simple.

**The controller speaks the same language all the way to the luminaire, ensuring accuracy and consistency.**



Color Temp

Downlights

100%



CURRENT

1800K

2695K

NEW

COLOR TEMPERATURE



1800K



OK

C



**ACUITY BRANDS  
MAINSTREAM DYNAMIC  
BEGINS WITH  
EXCITING FEATURES:**

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**ARCHITAINMENT  
COLOR**



**WARMDIM®**



**GRAYSCALE**



**TUNABLE  
WHITE**



**COLOR ACCENT**



## WarmDim®

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WarmDim taps into innate human expectation that light sources warm up as their intensity is reduced. Reminiscent of evening light, WarmDim dramatically impacts the ambience of a space, evoking a more welcoming atmosphere.

Because of its ability to create inviting visual environments, WarmDim is ideal for Hospitality, Healthcare, Retail, Residential and Recreation applications.

Used in forms where halogen and incandescent sources were previously employed, WarmDim is available in three ranges: Incandescent, from 2700K to 1800K; Halogen, from 3000K to 1800K; and Golden, from 2700K to 2000K.



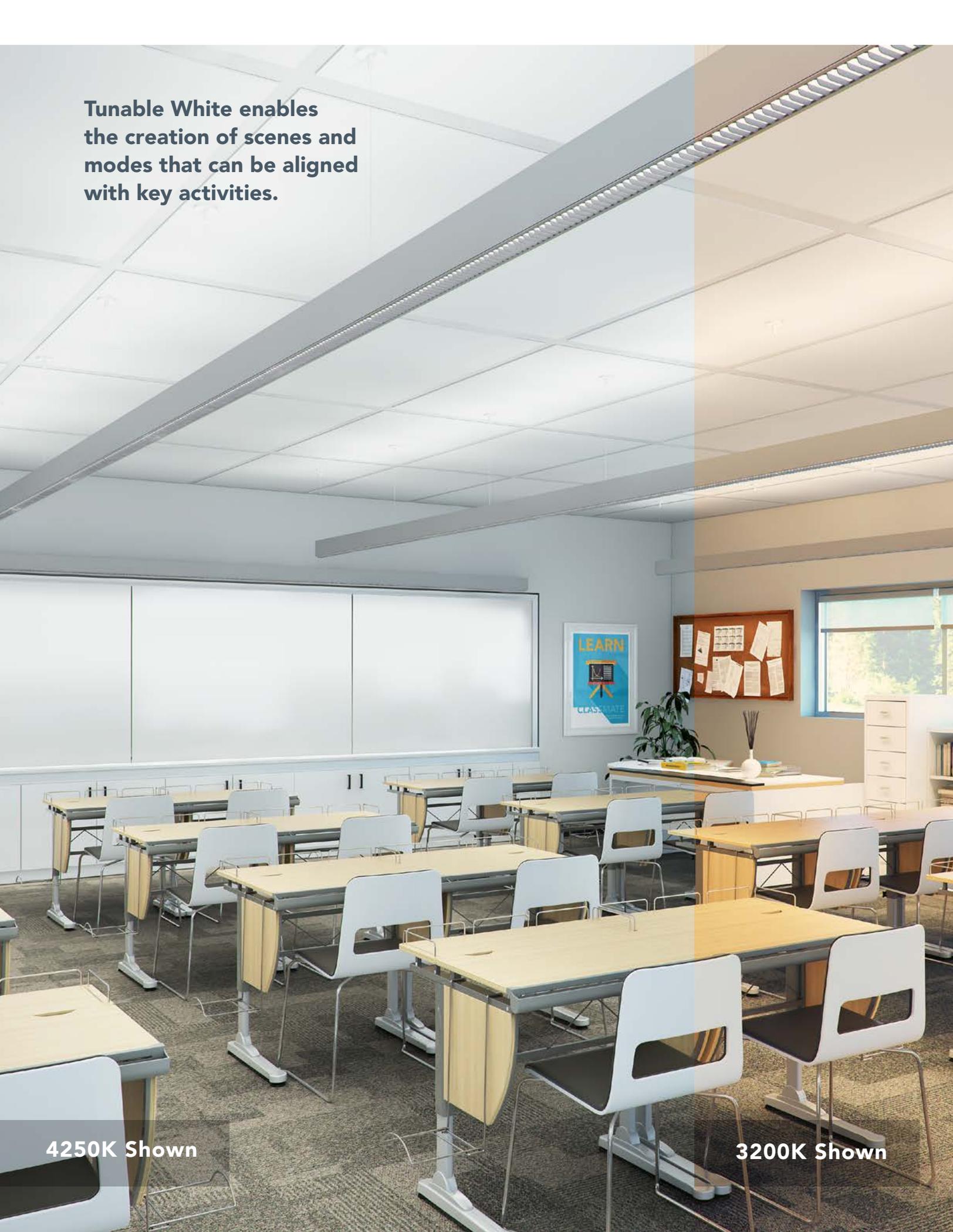


**WarmDim® dramatically impacts the ambience of a space, evoking a more welcoming atmosphere.**

**Tunable White enables  
the creation of scenes and  
modes that can be aligned  
with key activities.**

**4250K Shown**

**3200K Shown**





## TUNABLE WHITE

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At its core, cycled light encourages a deeper, biophilic connection to nature – a connection that’s often missing from indoor environments. Tunable White fosters a sense of passage of time.

It enables the creation of scenes and modes that can be aligned with key activities that require occupants be more focused, relaxed or energetic, for instance.

Because Tunable White supports sleep/wake cycles and promotes an intellectually stimulating learning environment, its best used in spaces where occupant experience and performance are important. Tunable White is perfect for Healthcare, Office, Corporate Interiors, Education, Retail, Hospitality and Recreation applications.

Tunable White features four ranges: Rhythm, from 2700K to 6500K; Productivity, from 3000K to 5000K; Layers, from 2000K to 5000K; and Atmosphere, from 1800K to 4300K.



## ARCHITAINMENT COLOR

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When featured spaces call for visual drama, Architainment Color delivers. It demands attention, strategically drawing the eye to keynote spaces and highlighting architectural accents.

Architainment Color's bold color effects make it well suited for areas calling out for intensity, including applications such as Recreation, Gallery, Lobby, Atrium, Healthcare and Retail.

Architainment Color brings a full palette to the table available, in two ranges: RGB, offering saturated colors, and RGBW, featuring saturated colors and subtle pastels.

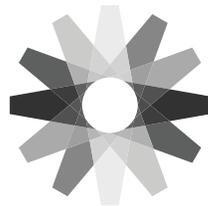




**Architainment Color demands attention, strategically drawing the eye.**



**Bring subtle natural movement to your space without distracting illumination changes.**

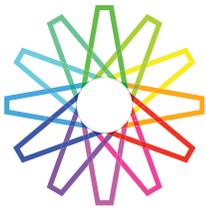


## GRAYSCALE

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Human vision is fascinating and complex. Grayscale plays upon a core principle of visual perception called simultaneous contrast, creating another compelling way to mimic nature and enhance indoor environments with a unique visual experience.

Surround dark by light and the dark appears darker. Surround light by dark and the light appears lighter. Grayscale sets varied levels of luminance within and across luminaries in a space, creating a visually appealing natural pattern with the ability to add subtle movement without impacting task illumination. This biophilic connection enhances the pleasantness of interior spaces and is ideal for areas where creating visual impact, a sense of collaboration, or feelings ranging from energizing to calming are key design objectives. Grayscale is perfect for Healthcare, Office, Corporate Interiors, Education, Retail, Hospitality and Recreation applications.



## COLOR ACCENT

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Color is striking, but not every application calls for highly saturated colored light. With Color Accent, rich, vibrant color is incorporated within the ambient lighting to offer enhanced design capability and flexibility with minimal impact on the functional illumination.

Embed luminous color directly within the visual context of ambient white light, and the perception of dark hues to vibrant neons to pastels becomes possible. Color Accent can be set to match or complement the space interiors. The design impact of Color Accent can be minimal to strong simply by selecting how much and what type is used in your layout. Perfect for branding, architectural accent, delineating space, setting mood, or creating an interactive lighting effect, Color Accent can be a part of many space types within Office, Corporate Interiors, Education, Retail, Hospitality and Recreation applications.





**Add the impact of color  
without colorizing the  
illumination in your space  
with Color Accent.**

# THE FORMS YOU PREFER

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Brand	Model	Dynamic Feature	Type	Phase Dimmable	0-10v	nLight Enabled	DMX (Fresco)
Aculux	AX3	Tunable White	Downlight/Wallwash/ Adjustable		*XX		X
Aculux	AX3	WarmDim	Downlight/Wallwash/ Adjustable		X		X
Aculux	Initia™ 3"	WarmDim	Downlight/Wallwash/ Adjustable	X	X	X	
Gotham	EVO®	WarmDim	Downlight/Wallwash / Cylinders		X	X	X
Gotham	EVO®	Tunable White	Downlight/Wallwash / Cylinders		X	X	X
Gotham	EVO®	Architainment Color	Downlight/Wallwash				X
Hydrel	4426	Architainment Color	Pool/Fountain				X
Hydrel	4750L	Architainment Color	Linear				X
Hydrel	4750L	Tunable White	Linear				X
Hydrel	8100/8200	Architainment Color	Floodlight				X
Hydrel	Hyline 501	Architainment Color	Linear				X
Hydrel	Hyline 501	Tunable White	Linear				X
Hydrel	Hyline 501	Warm Dim	Linear		X		X
Hydrel	Hycove 502	Architainment Color	Linear				X

\*XX indicates two 0-10V inputs

Brand	Model	Dynamic Feature	Type	Phase Dimmable	0-10v	nLight Enabled	DMX (Fresco)
Hydrel	Hycove 502	Tunable White	Linear				X
Hydrel	Hycove 502	Warm Dim	Linear		X		X
Hydrel	M9700/PDX10	Architainment Color	In-Grade				X
Hydrel	SAF	Architainment Color	Floodlight				X
Hydrel	TPS1/TPS2	Architainment Color	Floodlight				X
Indy	Designer Series 4"/6"/8"	WarmDim	Cylinder/Downlight/ Wallwash		X		
Juno	4" IC1LED/ IC1RLED	WarmDim	Downlight	X		X	
Juno	5" IC20LED/ IC20RLED Series	WarmDim	Downlight	X		X	
Juno	6" IC22LED/ IC22RLED Series	WarmDim	Downlight	X		X	
Juno	6" IC926LED/ IC928LED Series	WarmDim	Slope Ceiling Downlight	X			
Juno	6" J6RL/J6RLE LED Retrofits	WarmDim	Retrofit	X			
Juno	TL214LED	WarmDim	Track (Trac 12 Linear/Cove/ Cabinet)	X			
Lithonia Lighting	BLWP	Tunable White	Surface Mount			X	

\*XX indicates two 0-10V inputs

# THE FORMS YOU PREFER

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Brand	Model	Dynamic Feature	Type	Phase Dimmable	0-10v	nLight Enabled	DMX (Fresco)
Lithonia	BLT	Tunable White	Recessed Troffer			X	
Mark	Rubik	Color Accent	Architectural Recessed			X	
Mark	Rubik	Tunable White	Architectural Recessed			X	
Mark	Whisper	Tunable White	Recessed Troffer			X	
Mark	Rubik	Grayscale	Architectural Recessed			X	
Mark	SLOT 2/4/6 Recessed	Tunable White	Recessed Linear			X	
Peerless	Bruno	Tunable White	Suspended Linear			X	
Peerless	Cerra10	Tunable White	Suspended Linear			X	
Peerless	Venue	Tunable White	Suspended Pendant			X	
Peerless	Renna	Tunable White	Linear Suspended Direct, Indirect, Indirect/Direct, Vertical WallWash, Surface Mount,			X	
Winona	Parata	Architainment Color	Linear/Cove/Spot/Flood				X

\*XX indicates two 0-10V inputs





# THE SCALABLE LIGHTING CONTROLS NETWORK YOU NEED

When it comes to dynamic lighting pitfalls, the control network can be the biggest one. The end-user may not specify digital versus analog, but what they will care about is when their dimming is inconsistent, stepped, or presents unpredictable and unintended color shifts. For instance, if you've been using a 0-10V system, you have a problem: a non-digital network allowing small voltage drops to cause a large color shift. A stable, intelligent network keeps all of this from happening.

**In sum, if you want to control color, your lighting must be completely digital.**

Mainstream Dynamic solutions from Acuity Brands employ two proven, stable networks, DMX via Fresco™ and nLight®

networked lighting controls featuring nTune™ technology that brings dynamic to mainstream applications.

Fresco manages lighting for today's architectural spaces and puts the user confidently in control. Distinguished by its visual appeal and cognitive design, Fresco is fluent in DMX/RDM and directly incorporates nLight devices--controlling traditional light sources, LED, RGB, tunable white and moving luminaires together in one application.

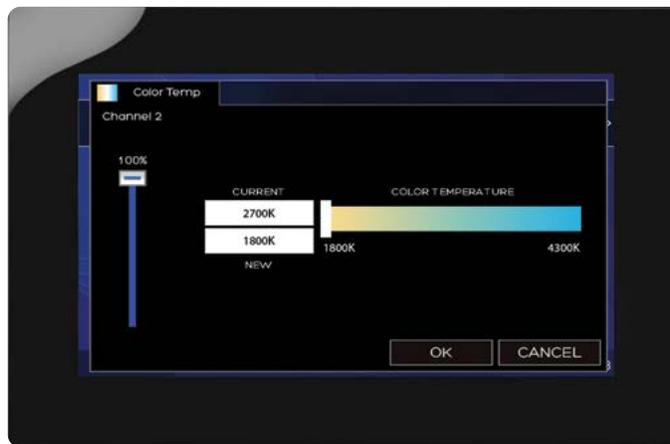
nTune technology adds color control to our mainstream digital network, nLight, using the same components and layouts you've been using in commercial applications. You can easily add luminaires with nTune technology to an existing nLight network and work

seamlessly with the existing lighting, sensors and energy-conserving or mood-setting schedules.

nLight with nTune technology is a networked digital lighting control system that connects intelligent digital devices, including luminaires, occupancy sensors, photocells, power packs, wall switches, dimmers and panels, creating a system with an unmatched level of distributed intelligence.



nLight nPODM



Fresco Touch Screen Controller

# ALL TOGETHER NOW

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When it comes to Mainstream Dynamic, holistic thinking is essential.

Building a dynamic lighting system à la carte can lead to systemic problems that devour time and money. In many cases, fundamental incompatibilities can be completely unresolvable with the equipment at hand.

Acuity Brands is the sole lighting provider that unifies the right features, preferred forms and scalable networks to accomplish your vision, and only our A+ Certified interoperable system provides a completely turnkey solution for ease of specification and installation, ensuring compatibility and consistency.



A+ Capable configurations compatible with A+ certified solutions. 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/aplus](http://www.acuitybrands.com/aplus) or contact your local Acuity Brands representative for more information.



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AEL American Electric Lighting

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ATRIUS

DISTECH CONTROLS

eldoLED®



gotham®

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**BRING YOUR VISION TO LIGHT,  
WITH MAINSTREAM DYNAMIC  
FROM ACUITY BRANDS.**

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