



**Chroma-Q**<sup>®</sup>  
BRILLIANT SOLUTIONS



Chroma-Q Inspire | Pleasant Valley Baptist Church | North America

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**Inspire**<sup>™</sup>

Premium Performance  
Architectural House Lighting

[www.chroma-q.com/inspire](http://www.chroma-q.com/inspire)



# Leaders in Creative Lighting Technologies

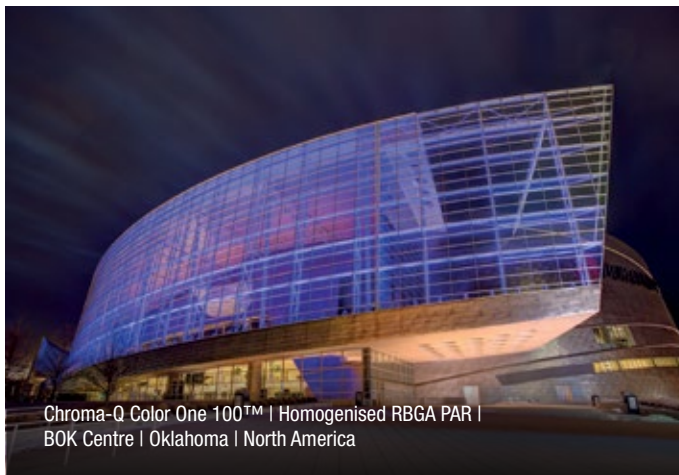
We've been designing, developing and manufacturing innovative and award-winning LED lighting fixtures in North America for over a decade. We take a single-minded approach, focussing on maximising the quality of light delivered. With control over our processes, a hands-on approach to construction, engineering and testing, you can count on Chroma-Q® to deliver superior quality and consistency.

Our mission is to develop products which enable users to deliver the best possible creative experience. Chroma-Q delivers fixtures with variable white light and colour mixing output of exceptional quality and power. Our high performance fixtures are used to provide exceptional lighting designs and truly immersive lighting experiences around the world, from Broadway to community theatres, corporate video stages to feature film sets and restaurants.



Chroma-Q Color Force™ | Emil and the Detectives at the National Theatre | London | England

© Marc Brenner



Chroma-Q Color One 100™ | Homogenised RBGA PAR | BOK Centre | Oklahoma | North America

© Integrity Lighting Inc.



Chroma-Q Space Force™ and Studio Force™ | John Lewis Studio | London | England

Chroma-Q® LED products have won awards and been highly praised in product reviews for their innovative design and premium performance.

**“Using the [Chroma-Q] Inspire fixtures, every spot in the building can be given any colour we want; when the context changes, the colours can change with them.”**

Barbara de Leeuw, ICER Museum Director, Uft, The Netherlands







Recessed Inspire Fixtures at the Royal Scottish National Orchestra | Glasgow Royal Concert Hall | Scotland

This brochure features Chroma-Q's Inspire™ range of premium performance architectural house lighting products. Inspire has the ability to seamlessly transform the look and feel of a space or venue by introducing colour alongside a high quality white light, catering for a wide range of different applications.





Chroma-Q® Inspire XT™  
WFX - New LED Fixture  
\$1251 and Above



Chroma-Q® Inspire XT™  
PLSN - Best New Interior  
Architectural Light



Chroma-Q® Inspire™  
WFX - Best LED Fixture and  
Best Overall Lighting Product

## Inspire™ House Lighting Range

The award-winning Chroma-Q Inspire range has been designed to provide a superior, energy efficient alternative for house and stage lighting. The fixtures deliver beautiful whites and full colour all from a single fixture. Utilising Chroma-Q's advanced homogenised optics, the output beam is a single, clean and pure beam of light. Factory calibration ensures all Inspire units are colour matched, so side by side they will be outputting the same exact colour.

### Multi-Purpose

Fusing entertainment, theatrical and architectural lighting capabilities, the Inspire has the ability to seamlessly transform the look and feel of a performance venue, themed retail space or house of worship.

### A Truly Creative Tool

Whether used in an entertainment, architectural or house of worship context, the Inspire provides designers with a tool to create environments that seamlessly transcend the physical barrier between the stage and audience through the creative use of light and colour. With Inspire, effects can range from a subtle shift in colour temperature, to bold and dynamic colour changes.

### Colour

With RGBW colour mixing providing a high CRI of up to 90, the Inspire can achieve extremely accurate colour matching.

### Convection Cooled

Inspire fixtures are passively cooled and have no fans or fan noise for quiet operation. Their low energy consumption means that they generate low amounts of heat.

### DMX-512 Control

Using the Inspire house light's DMX-512 input, it is now possible to seamlessly map ceiling lighting, introducing gorgeous soft colour effects and warm amber looks to engage and captivate the room.

### Camera Friendly

With an adjustable frequency from 1,200 - 9,600Hz, the Inspire house light is extremely camera friendly and can be adjusted to eliminate camera flicker and lens glare.

### Optics & Dimming

The Inspire's custom optical design provides a smooth, uniform output, matched by theatrical grade dimming.

### RGBW Homogenised Colour Mixing

RGBW Homogenised colour mixing provides an excellent selection of stunning mixed colours and 'true' whites, with no unsightly colour separation shadows.



Petersfield Festival Hall | England









# Inspire™ Range Key Features

- Fully homogenised beam
- Beautiful whites, soft pastels and bold saturates - all from a single fixture
- Adjustable 1,000K to 10,000K CCT
- High CRI of 90
- Extremely smooth, uniform wash
- Theatrical grade dimming
- Ideal for house light replacements
- Quiet, convection cooling, no fans
- Built in power supply
- Low energy consumption

# Inspire™ Range Technical Specification







## Inspire XT™ RGBW

COLOUR	 Homogenised RGBW
CCT	Adjustable 1,000K - 10,000K
CRI	Up to 90
BEAM ANGLE	  
HOT LUMEN OUTPUT (MAX.)	9,500 lm
DIMMING	Theatrical Grade
CONTROL PROTOCOL	DMX
IP RATING	IP20
NET DIMENSIONS (LxD)	557mm x 181mmØ / 22" x 7"Ø
WEIGHT	7.5kg / 16.6lbs
POWER CONSUMPTION (MAX.)	135W
CONNECTIONS	Power Terminal Strip Data Terminal Strip
LAMP LIFE	L70 at 50,000 hours





## Inspire™ RGBW

COLOUR	 Homogenised RGBW
CCT	Adjustable 1,000K - 10,000K
CRI	Up to 90
BEAM ANGLE	  
HOT LUMEN OUTPUT (MAX.)	4,390 lm
DIMMING	Theatrical Grade
CONTROL PROTOCOL	DMX
IP RATING	IP20
NET DIMENSIONS (LxD)	404mm x 181mmØ / 16" x 7"Ø
WEIGHT	6kg / 13.5lbs
POWER CONSUMPTION (MAX.)	100W
CONNECTIONS	Power Terminal Strip or Neutrik PowerCon Data Terminal Strip or Neutrik XLR-5
LAMP LIFE	L70 at 50,000 hours

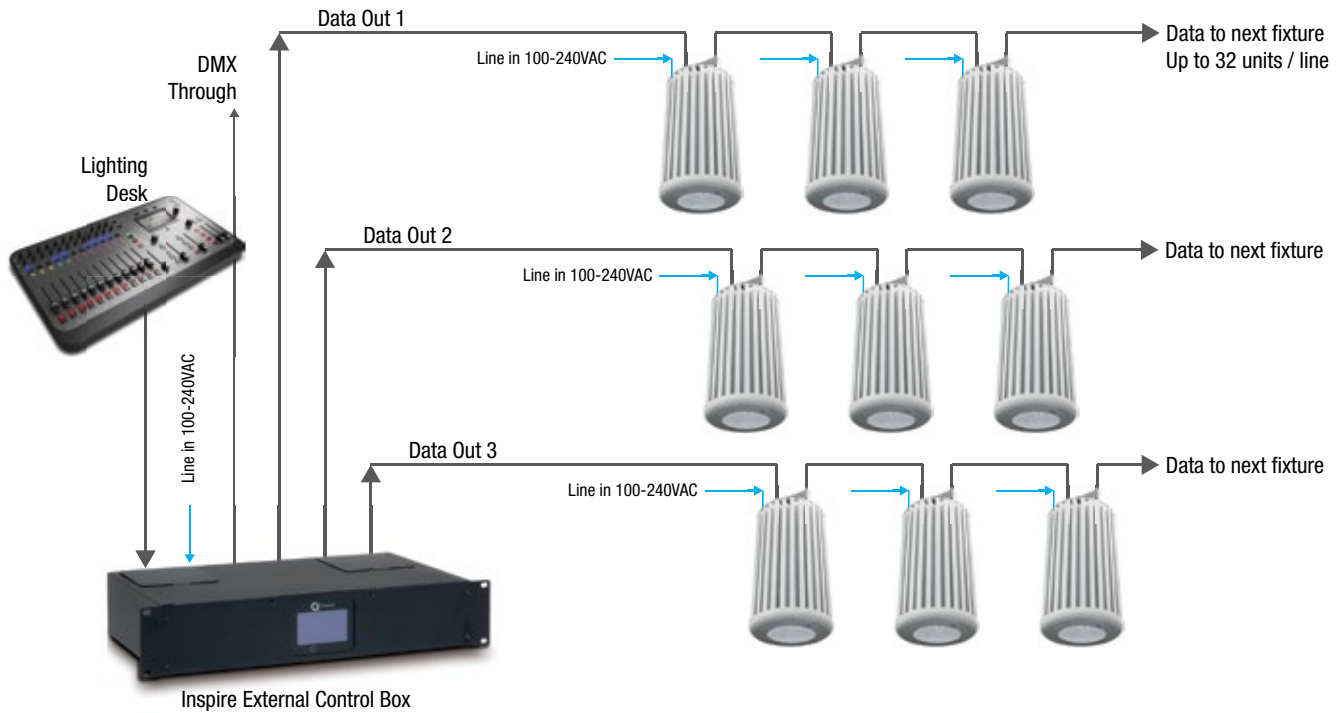


## Inspire Mini™ RGBW

COLOUR	 Homogenised RGBW
CCT	Adjustable 1,000K - 10,000K
CRI	Up to 90
BEAM ANGLE	
HOT LUMEN OUTPUT (MAX.)	3,010 lm
DIMMING	Theatrical Grade
CONTROL PROTOCOL	DMX
IP RATING	IP20
NET DIMENSIONS (LxD)	251mm x 181mmØ / 10" x 7"Ø
WEIGHT	3kg / 6.7lbs
POWER CONSUMPTION (MAX.)	70W
CONNECTIONS	Power Data Terminal Strip or Neutrik PowerCon Data Terminal Strip or Neutrik XLR-5
LAMP LIFE	L70 at 50,000 hours

Technical specifications and data are provided for guidance only. Because we constantly aim to improve our products, we reserve the right to amend or alter at any time and without prior notice, the specifications of any product. Consult the website for current models and specifications.

# Inspire™ External Control Box for Terminal Strip Models



For permanent installations, we recommend using the terminal strip versions of Inspire, with the External Control Box. This eliminates the need for attaching connectors, provides a central location for system configuration, uses traditional wiring and allows quick, simple installation.

- Provides central control and distribution for up to 96 fixtures
- Enables remote manual operation of Inspire fixtures direct from the control box
- Provides internal scene storage and an external trigger to recall internal scenes
- Reduces installation costs and time
- UL924 Compliant and Tested

## Inspire™ Accessories

Chroma-Q Inspire fixtures are available with a full range of optional accessories.



Inspire™ Yoke Mount

- Theatrical style mounting for pan and tilt



Inspire™ Snoot / Top Hat

- Reduces glare when looking at the fixture



Inspire™ Barn door

- Simple single use barn door to eliminate spill



Inspire™ Ceiling Kit

- Recess mount your fixture



Inspire™ External Control Box

- UL924 Compliant
- Colour touch screen user interface

Inspire™ Spread Lens Kit

- Field installable holographic lens kit with two lenses to increase beam spreads

Other Mounting Options

- Consult your distributor for other mounting options, including sloped ceiling

# Inspire™ Lighting Applications

## White Lighting | Royal Scottish National Orchestra | Glasgow, Scotland

### Brief

The new 600-seater home for Scotland's symphony orchestra, the Royal Scottish National Orchestra, is described as a 'world-class' venue which has been acoustically balanced to very strict standards.

To provide a high quality house light solution which met the orchestra's very discerning technical requirements for comfortable conditions in which to practise and perform – including not causing eye strain, totally silent in operation, and producing very little heat.



### Solution

134 Chroma-Q Inspire narrow lens fixtures, fitted with Inspire custom snoot/top hat and ceiling installation kits. Benefits include:

- A clean and pure white light with no shadows – sheet music is easy to read
- Tuneable white – reduces reflection and controls contrast
- Silent operation – no acoustic impact on the venue
- Virtually no forward heat – enabling longer periods of practise and performance



**“This Inspire lighting system offers the perfect balance of performance, flexibility and efficiency to meet the exacting requirements of a modern, professional orchestra. As our Music Director recently commented, 'we're in heaven!'.”**

Nick Lander, Director of Presentation and Operations, RSNO

## Energy-Efficient Lighting | Pleasant Valley Baptist Church | Missouri, USA

### Brief

Missouri's Pleasant Valley Church dates back to the 1940s. Based at its current location since 1997, the Church's main Worship Center has a weekly attendance of around 4,000 people for its three unique styles of service every weekend.

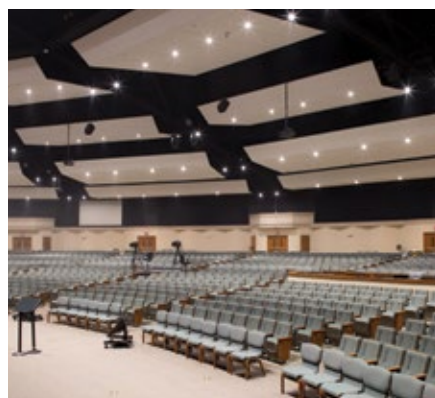
To remove the lighting barrier between stage and audience in order to provide an immersive worship experience for the congregation during services, and dramatically reduce running costs by replacing the existing incandescent house lighting system with modern, energy-efficient LED lighting.



### Solution

120 Chroma-Q Inspire medium lens fixtures. Benefits include:

- Energy efficient – over 75% reduction in house lighting energy consumption
- Smooth dimming curve – dims like an incandescent fixture at low levels
- Powerful RGBW engine – services include an entire spectrum of colours
- Lamp life – L70 at 50,000 hours



**“Following an LED retrofit of all types of lighting across the Church's entire 200,000 sq. ft. campus – of which the Inspire house lighting in the main Worship Center was the largest wattage differential from old to new fixtures in the entire project – the Church has seen a monthly reduction in energy consumption of more than \$8k per month...”**

Marcus Hammond, Stark Raving Solutions / PVBC Former Technical Director





Hill Country Bible Church | Texas | North America

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MAMMA MIA! The Party at Tyrol Restaurant | Stockholm | Sweden

© Mats Bäcker.



'ICER' Innovation Centre | Ulf | Netherlands

© www.stanbouman.com / The Light Connection.



**Chroma-Q**  
BRILLIANT SOLUTIONS

To arrange your personal demonstration or for more information, contact us at:

**sales@chroma-q.com** or visit **www.chroma-q.com/inspire**



Distributor