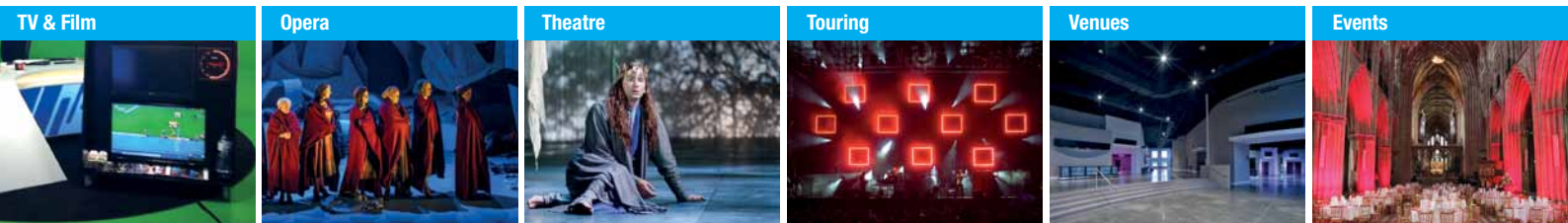




Chroma-Q[®]
BRILLIANT SOLUTIONS



Chroma-Q[®] LED Lighting Applications

www.chroma-q.com

Volume 4, 2015



Chroma-Q® Inspire™

Seamless LED venue lighting from stage to audience



Above and top right: Audience lighting provided by Chroma-Q Inspire fixtures. Front walls downlit either side of the stage by Chroma-Q Color Force fixtures. Bottom right: Foyer lighting provided by Chroma-Q Inspire fixtures.



Inspire™ and NEW
Inspire Mini™



RGBW homogenised colour mixing

Transform the look and feel of entertainment venues or architectural spaces with the award-winning Chroma-Q® Inspire™ and new Inspire Mini™ LED house lighting range. When synced via DMX with stage lighting, the Inspire unit's extensive RGBW colour-mixing palette provides a seamless lighting transition throughout the space. The fully homogenised beam provides beautifully mixed soft pastels, bold saturates and clean whites. This makes the Inspire fixture ideal for both entertainment and house lighting. In addition, the powerful, energy efficient LED output and compact, stylish exterior make it suitable for almost any type of space - large or small.



Chroma-Q®
BRILLIANT SOLUTIONS

For all enquiries: +44 (0)1494 446000

www.chroma-q.com



Chroma-Q®
BRILLIANT SOLUTIONS

Chroma-Q® Premium Performance Lighting Solutions

Chroma-Q® have been designing lighting equipment since the mid 1990s, when they established a reputation for high product quality, innovation and reliability with hugely successful products.

LED Lighting

In 2004 Chroma-Q launched their first LED fixture, the Color Block DB4™ - a product so popular that it's still selling today in a newer incarnation with upgraded technologies.

Since then, Chroma-Q have gained a reputation for introducing award-winning, premium LED lighting solutions which deliver the highest performance levels required by today's most demanding applications - including concerts & theatre shows, film & TV broadcasts, retail, leisure & museum installations, exhibitions & corporate hospitality events.

This delivers the best possible creative experience and the maximum return on investment.

The impressive LED lineup includes colour-mixing and white lighting ranges, house lighting, modular, portable and automated solutions.

Other Products

Chroma-Q have an equally impressive track record developing a range of lighting accessory solutions, including colour changers, effects gobo rotators, and various control & data distribution products.



Awards & Reviews

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

Inspire™ RGBW LED House Light

WFX Show - New Product Technology Awards 2012
 Winner of 'Best Overall Lighting Product'
 Winner of 'Best LED Fixture'

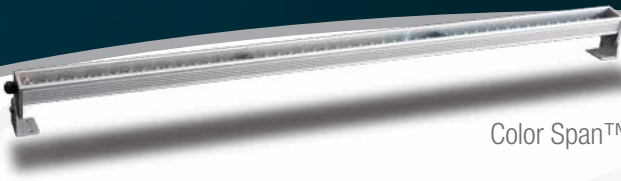


Studio Force V 12 Phosphor™ Variable White LED Fixture

SIEL Show 'Les Etoiles du SIEL' Awards 2013 Winner - Lighting
 Also a Nominee for the PLASA 2012 Awards for Innovation



Other previous award-winning models include:



Color Span™ - 2008



Color Split™ - 2007

Color Block 2™ Reviews (A lower output version of current Color Block 2 Plus™)



"...The colour temperature adjustment, rendering and dimming in this unit are as good as it gets... it certainly makes the grade whether it's in a theatre, a rock concert or a ballet."

PLSN Magazine

"...It has an exceptionally smooth dimmer curve that makes it look like you are dimming an incandescent lighting fixture on a standard dimmer. It is nice and smooth and very even from zero to 100%..."

Church Production Magazine



Follow the new Chroma-Q Facebook page for access to breaking news, user application stories, photos & videos, competitions and much more!



Scan the QR code to follow us



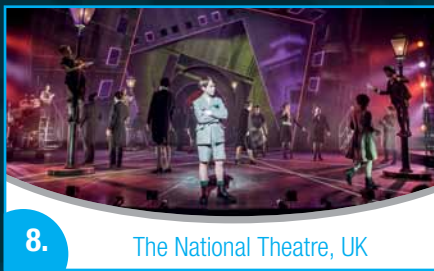
Like Chroma-Q on Facebook



Contents



6/7. Entertainment Lighting - Color Force™



8. The National Theatre, UK



9. Royal Shakespeare Company, UK



10. Grumpy Old Women Tour, UK



11. Wexford Festival Opera, Ireland



12. DBN Lighting Rental Events, UK



13. University of Hawaii, USA



14/15. Users & Comments



16/17. Film & TV Lighting - Studio Force™



18. Multinational Bank, UK



19. Bola TV, Portugal



20. Architectural Lighting - Inspire™



21. Celebration Church, USA



22. Rondo, Sweden



23. Pieterskerk, Holland



24. Other LED Products



25. Frostburg University, USA



26/27. Non-LED Products



Chroma-Q®
BRILLIANT SOLUTIONS

Why Buy Chroma-Q® Color Force™ Fixtures?

Every aspect of the Chroma-Q® Color Force™ lighting solutions range - both inside and out - is designed to deliver the highest performance levels from a lighting instrument, for today's most demanding applications.

High Quality Light Output

The custom optical design provides a smooth, even light output with outstanding colour blend across the spectrum, even when lighting close to the fixture.

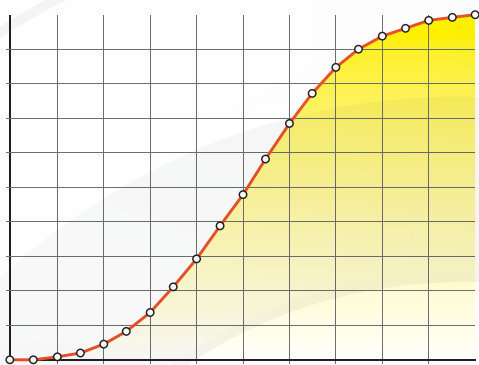
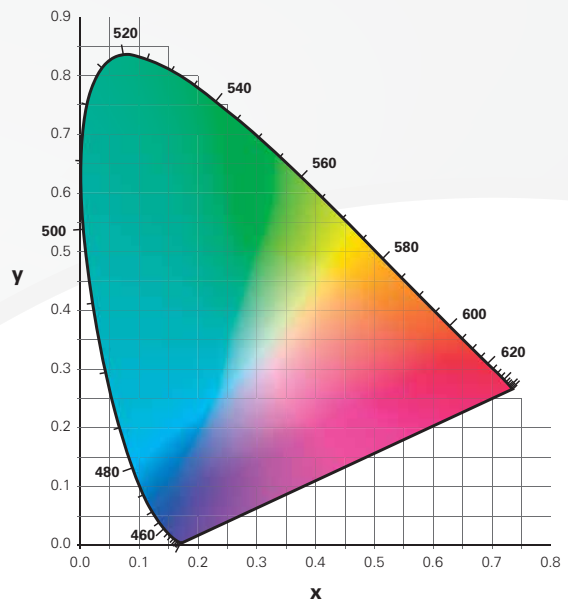
The fixture produces equally impressive bold saturates, subtle pastels and a complete range of whites, from 1,000K to 10,000K CCT, all from the same fixture.



Bold saturates



Subtle pastels



Theatrical Grade Dimming

Theatrical grade dimming emulates the extremely smooth dimming curve of tungsten fixtures, from completely off to completely on, and with no visible stepping or jerkiness during the dimming. This makes the Color Force range ideal for theatre or other staged productions.

Perfectly Complement Your Stage Lighting

High quality output across the range fits seamlessly on a stage with other lighting instruments, giving a perfect result every time.

Built To Last

Every aspect of the fixtures' design and build has been carefully considered to ensure they provide many years of service, helping deliver the maximum return on investment.

Color Force 48™ and Color Force 72™ Battens



Available in a choice of 1.2m / 4ft (48) and 1.8m / 6ft (72) batten lengths, the Color Force™ fixtures are ideal for evenly washing large areas and cycs.

The range produces an extreme output of up to 12,000 lumens, and is capable of lighting an 8m / 26ft drop cyclorama in any colour of your choice. With separate RGBA control every 150mm / 6" and a comprehensive built-in effects engine, these fixtures offer fantastic possibilities in cyclorama effects.

Offering a beautiful output across the spectrum, the Color Force LED battens provide vivid saturates and subtle pastel colours from one single unit, making them the perfect single fixture solution for concert touring, corporate events, exhibitions, TV and theatre applications. Optional accessories include cyc and border light lenses, plus a half snoot.

Color Force 12™ Multi-Purpose Fixture



At only 300mm / 12" long, the multi-purpose Color Force 12™ is ideal for floor, wall or truss mounting and for a wide range of applications, including key-lighting, uplighting, backlighting and washlighting.

The unit can also be used to extend the length of Color Force LED battens, and produces a powerful output of 2,400 lumens, ensuring seamless wall washing of up to 8m / 26 ft. A range of optional accessories are available.

Color Force Compact™ Workhorse Fixture



Housed in a slim IP65 rated* profile suitable for temporary outdoor events, the Color Force Compact™ is a cost-effective workhorse that is ideal for uplighting, pipe-end shin busting, backlighting, truss toner and other wash applications.

Despite measuring only 210mm / 8" in length, the unit produces a powerful output of 1,700 lumens – making it ideal for lighting areas with a very small footprint.

Measurements may have been rounded, please visit www.chroma-q.com for full measurements. *As per IEC60529 ingress protection rating code.



Chroma-Q®
BRILLIANT SOLUTIONS



Lucy Carter - respected and sought-after lighting designer - has specified Chroma-Q® Color Force™ premium performance LED battens to wash numerous scenic elements of "Emil and the Detectives" softly and evenly, evoking the atmosphere of the play's period.

The National Theatre, UK

Billed as 'the latest in the exciting tradition of War Horse and His Dark Materials', Emil and the Detectives requires lighting designer Lucy Carter to transform the National Theatre's Olivier Stage into 1920s Berlin, utilising the subtle colours and theatrical grade dimming of Chroma-Q's Color Force 48 and 72 premium performance LED battens.

All of the Color Force units are rigged overhead between a series of portals to wash down in subtle colours. They create a full wash and also work in smaller sections to create a 'broken up' coverage.

"For me, the best thing about the Color Force battens is the array of colour options, allowing me to wash the stage with sweeping colour that's both powerful and beautiful," says Lucy. "Most importantly, they have the ability to emit these colours in a very subtle way, which is something, if I'm honest, I didn't expect from LED lighting."

"The colours achievable with the Color Force are really lovely, and I'm excited about being able to create an open white which matches

with the tungsten in the rig and a great version of the colour correction filters such as L201, L200, L241 and L219."

Lucy's visual design is a striking contrast, referencing black and white silent movies and the bright neon lights of 1929 Berlin. The daytime scenes offer the cold monotony of life in Berlin's busy city streets, with Lucy using cool tones and shades of white to create an oppressive atmosphere; she then cranks up the colour palette to conjure up a bright, neon burst to reflect Berlin's night time excitement and seedy underworld.

The Color Force battens are designed to deliver the highest grade of light output, offering custom optical design which provides a smooth, even light output with outstanding colour blend across the spectrum - for equally impressive bold saturates, subtle pastels and a complete range of whites from 1,000K to 10,000K.

The National Theatre is promoting Emil and the Detectives - written by Erich Kastner and adapted by Carl Miller - as its 'big new

adventure'. The run is currently scheduled into the Spring of 2014.

Lucy concludes: "Having been given the opportunity to use the Color Force fixtures on Emil, I can now utterly understand how they can be a useful and a powerful creative tool for theatrical lighting designers."

"One of the great successes for me using the Color Force battens in this production is that they remain subtle and easy to integrate because of the bottom end dimming. Contrary to the other LED fixtures we're using in the scenic elements, the Color Force units invisibly arrive into the scenes with no pop or bump. Incredible."

Lucy Carter, Lighting Designer - Emil and the Detectives, The National Theatre



Chroma-Q®
BRILLIANT SOLUTIONS

The theatrical grade dimming and incredible colour palette of Chroma-Q®'s Color Force 72™ premium performance LED battens were utilised by lighting designer Tim Mitchell to provide precise control, dramatic colour changes and subtle intensity for the Royal Shakespeare Company's (RSC) production of "Richard II", which received rave reviews from critics.



David Tennant Photo by © Kwame LeStrade

Royal Shakespeare Company, UK

The recent run of Shakespeare's Richard II, featuring David Tennant and directed by RSC's Artistic Director, Gregory Doran, kicked off at the RSC's main Royal Shakespeare Theatre in Stratford-upon-Avon, before moving to London's Barbican last December.

Tim Mitchell, who serves as Associate Artist for the RSC as well as the Chichester Festival Theatre, specified Color Force 72 RGBA colour-mixing fixtures to light metal chain 'legs' rigged across the stage to a height of 8m. The battens were placed directly above the chains in a custom containment to shield the units from the audience.

The production's set designer, Stephen Brimson Lewis, explains: "My design for Richard II required many thousands of metres of fine metal chain, and this surface needs careful handling, as all the changes of mood and space were created through a precise lighting design and very little other scenery. The Color Force 72 LED battens gave us the precise control we needed to transform the chains with dramatic colour

changes and subtle intensity. The design was a true collaboration between scenic and lighting design, made possible by the use of the Chroma-Q battens."

Tim worked with Stephen to specify the Color Force units after extensive testing of the colour, brightness and dimming with the chains staging at the RSC workshops, to prove he could blend the battens with conventional units and their colours. For Richard II, the battens were required to blend into the colour palette used in Tim's conventional lighting rig, which was mainly emitting a wide range of pale blues and warms through Lee colour correction filters.

The Color Force 72s offer theatrical grade dimming, emulating the extremely smooth dimming curve of tungsten fixtures, from completely off to completely on, and with no visible stepping or jerkiness.

"The battens were very consistent, colour wise, across our rig," continues Tim. "It's so simple – I used a colour in a preset on one batten and then copied that to all other units in the rig and there you had it. The way the

Color Forces produced the pastel tints by the warm LED was superb."

The fixtures' custom optical design provides a smooth, even light output with outstanding colour blend across the spectrum - for equally impressive bold saturates, subtle pastels and a complete range of whites from 1,000K to 10,000K.

"I recommend the Color Force battens all the time because of the incredible colour mixing - I don't think there is another batten on the market at the moment that has got the ability to do pastel colours as well as they do," says Tim. "The spread and amazing output from these relatively small battens works well – and of course they dim just beautifully."

Tim Mitchell, Lighting Designer - Richard II, The Royal Shakespeare Company.



Chroma-Q®
BRILLIANT SOLUTIONS



Lighting designer, Matt Veitch has specified Chroma-Q® Color Force 48™ premium performance LED battens to provide vivid cyclorama lighting for colourful live comedy show, “Grumpy Old Women Live: Fifty Shades of Beige”.

Grumpy Old Women Tour, UK

approximately 30cm beneath it. The powerful fixtures easily wash up to 8m / 26 foot - making them ideal as stage show lighting.

“I needed something that would give a powerful ‘punch’ of colour up a flown back-cloth to create some vivid colour washes,” says Matt.

The set consisted of a garden and shed, which opened on all sides at the top of the show “as if it was a spacecraft that had just landed”. For this scene, the production team employed smoke, stage haze, lightning, and strobe effects which the Color Force units were essential in helping to create.

Elsewhere in the rig, Matt specified Mac Auras and Vipers, plus conventional S4s and Pars. “The theatrical grade dimming meant that the Color Force fixtures seamlessly blended in with the rest of the rig in every fade, each night” says Matt.

“The Color Force fixtures are a joy to tour with - robust and super simple to rig, power and patch,” says Matt. “I’m looking forward to showing them off across the UK on the next tour.”

Every aspect of the Color Force range, both inside and out, is designed to deliver the

highest performance levels from a lighting instrument, for today’s most demanding applications.

The custom optical design provides a smooth, even light output with outstanding colour blend across the spectrum, even when lighting close to the fixture.

The fixture produces equally impressive bold saturates, subtle pastels and a complete range of whites, from 1,000K to 10,000K CCT, all from the same fixture.

Combined with theatrical grade dimming to emulate the smooth dimming curve of tungsten fixtures, the Color Force range seamlessly integrates into designs without compromise.

Back by popular demand, Perrier Award-winning comedian, writer and original star of Grumpy Old Women, Jenny Eclair is joined by fellow recruits Susie Blake and Kate Robbins in a brand new theatrical production based on the hit BBC British TV show.

Matt has been providing the raucous live show’s lighting since 2007.

“The lighting had to recreate a number of contrasting scenic environments – from the initial sunny garden, to a torture chamber, a Saturday night TV Strictly Come Dancing-like show studio, a wine bar, and a tea shop, amongst others,” explains Matt. “With only one full set, all these environments had to be created with lighting and the cyc, which was constructed from the set’s washing line and sheets. Colours were purposefully comic-book in their conception – pinks, reds, blues and greens dominated the design.”

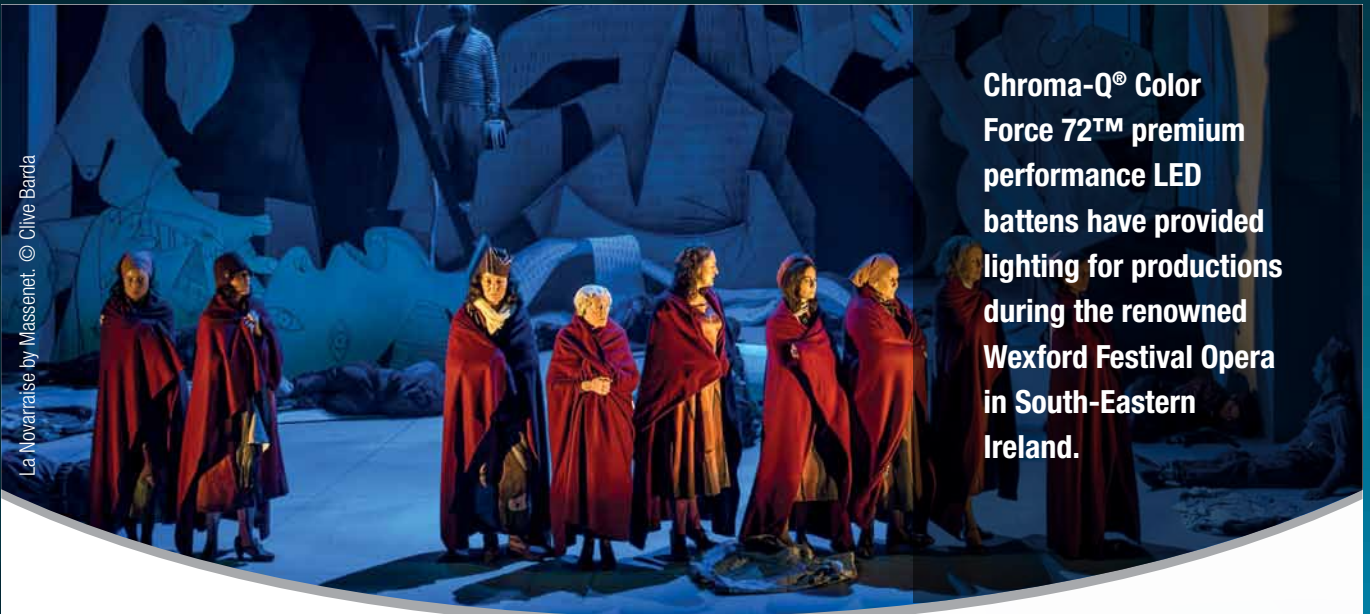
Matt specified three Chroma-Q Color Force 48 1.2m / 4 foot battens rigged directly in front of the cyc, uplighting from

“The Color Force 48s were fantastic – super bright, offering amazing colours, and a uniform wash which really helped me create a sense of scale and architecture to the lighting that in turn would support the comic-book styling of the scenic design.”

Matt Veitch, Lighting Designer



Chroma-Q®
BRILLIANT SOLUTIONS



La Novarraise by Massenot. © Clive Bardia

Chroma-Q® Color Force 72™ premium performance LED battens have provided lighting for productions during the renowned Wexford Festival Opera in South-Eastern Ireland.

Wexford Festival Opera, Ireland

The event is one of the most innovative and fastest growing of the world's major arts festivals. A diverse line-up includes full-scale opera productions plus daytime performances of shorter works of music theatre, concerts, recitals, talks and stand-up comedy from new creative talent.

The Festival's Chief Electrician, Didier Barreau and Lighting Designer, Paul Keogan specified the Color Force fixtures for use in the Festival's main stage operas.

"I'd used the Chroma-Q Color Force 48™ fixtures at another opera festival earlier this year and was really impressed by the quality of their output and colour mixing," says Paul.

"The Color Force units are the only sources we use to light rear projection cloths as part of the scenery for two of the operas. For our third opera they give me a broad brush stroke side light. Aesthetically they are working very well – I have the colours, a smooth dimming curve and plenty of output."

Didier continues: "I have been Chief Electrician for the past five years. Having three operas to look after with an everyday changeover, it's very important to have the best units on the market. The Color Force 72s are the best I've found to fit the space

efficiently. They're very fast to move during changeover and also very small for what we get out of them."

Every aspect of the Color Force range, both inside and out, is designed to deliver the highest performance levels from a lighting instrument, for today's most demanding applications.

The fixtures' custom optical design provides a smooth, even light output with outstanding colour blend across the spectrum - for equally impressive bold saturates, subtle pastels and a complete range of whites from 1,000K to 10,000K.

Theatrical grade dimming emulates the extremely smooth dimming curve of tungsten fixtures, from completely off to completely on, and with no visible stepping or jerkiness during the dimming.

As a result, the Color Force range has been adopted by leading users in opera, theatre, film & TV, venues, touring, events, retail, houses of worship, and others.

Paul's been so impressed with the Color Force 72s during the Festival that he's already requested to use them in his next design for a theatre production in Dublin.



Il Cappello dipaglia di Firenze by Rota. © Clive Bardia

"They have been my top choice for many events. Designers who have followed my choice agree that the units offer an amazing output, and the colour mix is very smooth. The fixtures really impress with their choice of colours and the dimming curve is just perfect!"

Didier Barreau - Wexford Festival Opera



Chroma-Q®
BRILLIANT SOLUTIONS

Leading Manchester-based production rental house, DBN Lighting continue to utilise their inventory of Chroma-Q® Color Force™ premium performance LED fixtures, as the range delivers time and time again for their customers' shows and events.



DBN Lighting Rental Events, UK

DBN provides lighting design services and equipment to a diverse range of sectors, ranging from high profile corporate events to festivals, art installations, theatre performances, concerts and TV shows.

Their inventory of Chroma-Q fixtures includes Color Force 12™ multi-purpose area lights and Color Force 48™ 1.2m (48") / Color Force 72™ 1.8m (72") battens.

Says DBN's Nick Walton: "Color Force is a hugely versatile product. We use the fixtures constantly for our shows - we really like them and they are in great demand with our customers!"

Nick explains that the Color Force are absolutely perfect for many applications, including uplighting large areas, cycs and scenic elements.

The "Incredible" light output makes Color



Force a winner, he continues, enabling the same surface areas to be illuminated more efficiently with less fixtures than using previous technology. DBN also love the excellent colour palette of the LED range, which is "The best" they have yet encountered from an LED fixture.

The Color Force's RGBA colour mixing system delivers an incredible CRI of 92 and also makes it one of the few LED fixtures that can deliver a proper set of whites, capable of being matched to different colour temperatures. This feature has been particularly useful for DBN's recent work.

Nick Walton is currently working on a corporate roadshow. Using Color Force 48 & 72 battens allows him to white balance a 20 metre wide Scanachrome set print to the screens above that receive video and projected images throughout the show. At other points in the show he can introduce a spectacular array of colours and effects from the fixtures onto the same set piece.

Every aspect of the Color Force range, both inside and out, is designed to deliver the highest performance levels from a lighting instrument, for today's most demanding applications.

The fixtures' custom optical design provides a smooth, even light output with outstanding colour blend across the spectrum - for equally impressive bold saturates, subtle pastels and a complete range of whites from 1,000K to 10,000K.

Theatrical grade dimming emulates the extremely smooth dimming curve of tungsten fixtures, from completely off to completely on, and with no visible stepping or jerkiness during the dimming.

As a result, the Color Force range has been utilised on many high end corporate events.

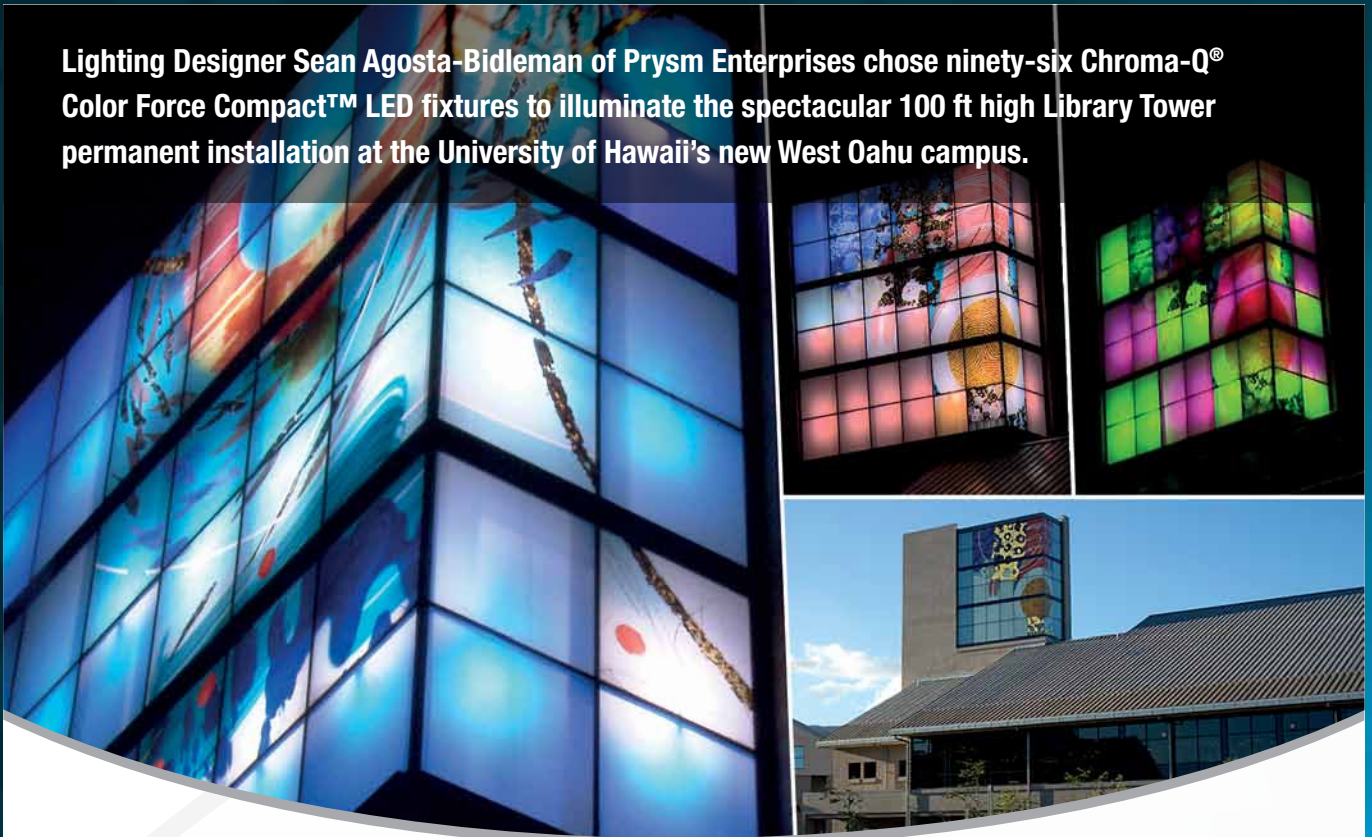
"The Color Force fixtures offer exceptional brightness, with ample output to up or downlight stage backdrops and all kinds of spaces or objects. The Color Force optics deliver a full range of colours and varying colour tones, and the fixtures produce a great white. Not forgetting the dimming, which is the smoothest I've seen in an LED fixture of this type."

*Stephen Page, Lighting Designer
- DBN Lighting Rental Events*



Chroma-Q®
BRILLIANT SOLUTIONS

Lighting Designer Sean Agosta-Bidleman of Prysm Enterprises chose ninety-six Chroma-Q® Color Force Compact™ LED fixtures to illuminate the spectacular 100 ft high Library Tower permanent installation at the University of Hawaii's new West Oahu campus.



University of Hawaii, USA

Prysm Enterprises - a Consulting and Design/Build Firm that Creates Solutions for Light, Technology and Production - was brought on-board by the Hawaii State Foundation for Culture and The Arts as Project Lighting Consultants in a Design/Build Role to illuminate the tower's stunning glass architecture, which was designed by Kauai based artist, Carol Bennett.

Sean and his team collaborated closely with Carol to achieve the desired lighting outcome that was the result of taking a theatrical approach to architectural illumination. The results are simply stunning; the tower has become a visual centrepiece on campus, turning the heads of staff, students and visitors alike with its magnificent beauty.

Each of the 96 five foot square panes of glass needed to be full spectrum, individually controllable and intensely bright so as to appropriately highlight the art and create dramatic effects, so Sean researched

the options extensively before choosing the Chroma-Q Color Force Compact fixtures.

Having successfully used Chroma-Q LED products on previous projects, Sean was naturally attracted back to the Chroma-Q brand. The Color Force Compact fixtures produce an extreme 1,700 lumens output from a very small footprint with a CRI of 92, theatrical grade dimming and colour-mixing across the spectrum, which provided him an excellent base for the versatility that was needed for the project.

Another key consideration was sustainability, for which Chroma-Q LED products offer longevity and very low maintenance & running costs.

Installed behind each pane of glass, the Color Force Compact units are fixed on custom fabricated arms, offsetting them at the correct throw distance.

A Pharos LPC1 controller runs the lights,

programmed to automatically switch on at dusk and off at 10.30 p.m. Every 15 minutes there is a lightshow, culminating in a larger, more intense sequence on each hour – denoting the passing of time.

Prysm's creative use of light brought the magnificence of the architecture to life in the nighttime hours, creating a spectacular living artwork that can be appreciated differently according to the time of day and viewing angle.

“The power and punch of the Color Force Compact units is brilliant, and both the colour mixing and light output are exceptionally smooth – which was exactly what I needed”

Sean Agosta-Bidleman, Lighting Designer - Prysm Enterprises



Chroma-Q[®]
BRILLIANT SOLUTIONS

A Selection of Worldwide Users & Comments

Chroma-Q's award-winning entertainment and architectural lighting products have been setting new standards of performance for a huge range of leading lighting designers, specifiers, rental and production companies, venues, shows and events worldwide. Here's just a selection:

Rental & Production Companies

4Wall Entertainment, USA
Absolute Audio Visual Solutions Ltd, UK
Adirondack Studios, USA
Advanced Lighting & Production Services, USA
Advanced Staging Productions, USA
ArtStage, Russia
Audile Ltd, UK
Avab-Cac Bergen AS, Norway
Bartnes & Associates, Canada
Blitz Communications Ltd, UK
Blueparrot Production & Events, UK
Brite Ideas, USA
Carnival UK, UK
Center Stage AV, USA
CenterStage Productions, USA
Christie Lites, Canada & USA
Cine Electric, Ireland
Cine Services, Inc., USA
CinequipWhite Inc., USA
Colour Sound Experiment, UK
CVS International, UK
CWS Sound & Lighting Services, UK
dbn Lighting Ltd., UK
DesignLight Co, USA
Dirk Baumann Lighting Limited, Ireland
DMX Productions, UK
DPL Production Lighting Ltd., UK

DRP Group, UK
E&K Deko / Lights International, Greece
Entertainment Lighting Services, USA
Eventech, Estonia
Flare Lighting Ltd, UK
Gaco, Latvia
GLS Lighting, UK
Heroic Productions, USA
H2 Productions, UK
HSL Group Holdings Ltd, UK
Intelligent Lighting Creations, USA
Kave Theatre Services Ltd, UK
Legend Theatrical, USA
Light Source, Inc, USA
Lite Alternative Ltd., UK
Live Technologies LLC., USA
London Light, UK
LX 2000 Stage Lighting Hire, Ireland
LX Communications Ltd, UK
Main Light Industries, USA
Media Burst, Portugal
Neg Earth Lights, UK
NMR Staging & Events, USA
Panalux Ltd, UK
Philip Stannard Associates Ltd, UK
Point Source Productions Ltd., UK
Premier Production Services, Inc., USA
Prism Lighting, UK

Production Express, Inc., USA
Production Resources Group, UK
Production Resources Group, USA
Production Services Ireland (PSI), UK
Purple Sheep Lighting, UK
Rentex Computer & Audio Visual Rentals
Richard Martin Lighting, UK
Rubicon AS, Norway
Saville Audio Visual, UK
Scenery First, Inc., USA
SFL Group, UK
Siyan, UK
Skatuves Sistemu Serviss SIA, Latvia
Sound By Design, UK
Sound By Design, USA
Stage Electrics, UK
Stage Equipment and Lighting, USA
SVL Productions, USA
Technical Performance & Presentation, UK
Theatrix Inc, USA
Tower Productions Ltd, UK
Trondheim Lyd Lysverket AS, Norway
TSL Limited, UK
Universal Live, UK
Visual Elements Ltd., UK
White Light Ltd., UK
Zig Zag Lighting (North) Limited, UK

Venues

Barbican Centre, UK
Bunn Leisure, UK
Celebration Church, USA
Faith Christian Family Church, USA
Frostburg State University, USA
Hereford Performing Arts College, UK
Hope Community Church, USA
Lincoln University, UK
Northern Stage, UK

Pieterskerk, Holland
Pitlochry Festival Theatre, UK
Rondo, Sweden
Royal Shakespeare Company, UK
Scampo Restaurant at the Liberty Hotel, USA
Sidney Stringer School, UK
The Grand - Clitheroe, UK
The National Theatre, UK
The National Theatre of Faro Islands

The National Theatre of Scotland, UK
University of Derby, UK
University of Hawaii, USA
Wales Millennium Centre, UK
Welsh National Opera, UK
Wexford Opera House, Ireland
Whites Chapel United Methodist Church, USA
York St. John University, UK

Lighting Designers

Adrian Goldberg
Al Gurdon
Árni Baldvinsson
Ben Coleman
Bruce Ferri

Dave Singleton
Howard Harrison
James Bedell
Jason Showers
Len Schnabel

Lucy Carter
Matt Mills
Matt Veitch
Michael Veerkamp
Nick Jevons

Olivier Ilisca
Paule Constable
Paul Keogan
Paul Normandale
Rob Sinclair

Ronny Starheim
Sam Tamplin
Sean Agosta-Bidleman
Stephen Page
Tim Mitchell

Trey Smith

“

...The power and punch of the Color Force Compact units is brilliant...

Sean Agosta-Bidleman, Lighting Designer - Prysm Enterprises

”

“

With the Inspire houselights, we are able to create a fully immersive environment...

Trey Smith, Leading Lighting Designer - Celebration Church

”

“

...I recommend the Color Force battens all the time because of the incredible colour mixing...

Tim Mitchell, Lighting Designer - Richard II, The Royal Shakespeare Company.

”

“

...(Color Force) remain subtle and easy to integrate because of the bottom end dimming.

Lucy Carter, Lighting Designer - Emil and the Detectives, The National Theatre

”

“

...we entrusted the proven performance and reliability of Chroma-Q (Color Charge and Color Force) products and haven't turned back since.

Austin Hout, Assistant Director - Frostburg University

”

“

...the Color Force line of instruments is truly phenomenal...The colour, intensity, and dimming curve have no match in industry today...

Brandon Bagwell, Department of Theatre: Graduate Program Lighting Design, Boston University

”

“

The Color Force 48s were fantastic - super bright, offering amazing colours, and a uniform wash which really helped me create a sense of scale and architecture to the lighting...

Matt Veitch, Lighting Designer - Grumpy Old Women Live: Fifty Shades of Beige, UK Tour

”

“

We were really impressed by the smooth, flicker-free output of the Studio Force fixtures. They looked great on camera...

Major UK-Based Bank

”

“

They (Color Force) have been my top choice for many events...

Didier Barreau - Wexford Festival Opera

”



Chroma-Q®
BRILLIANT SOLUTIONS

Why Buy Chroma-Q® Studio Force™ Fixtures?

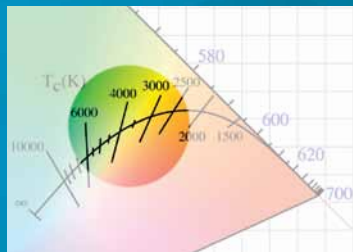
The Chroma-Q® Studio Force™ white lighting solutions range has been purpose-designed to provide maximum versatility and performance for today's most demanding TV, film, broadcast and studio applications.

A Choice of White Colour Temperatures

Choose between tungsten white, daylight white or flexible variable white sources producing a range of colour temperatures, from 3,000K - 6,100K CCT.

Calibration

All Studio Force models are factory calibrated to match the black body locus, for a perfect white through the CCT range.



High Quality Light Output

The custom optical design provides a smooth, even light output, with frequency adjustment up to 9,600 Hz.

LED Consistency & Efficiency

Being an LED light source, the models offer fantastic energy efficiency, low servicing and low maintenance costs. And unlike a traditional light source, there's no colour shift over time or when dimming.

Mains and DC Battery Operated Models

All 12" Studio Force models are available as DC battery powered models, making them ideal for location work.



Softlights

The Studio Force Phosphor™ range provide a beautifully soft, even light source with a massive output for their compact size. The variable white model includes remote onboard adjustment of hue, Kelvin and level, to control not just the colour but also fine-tuning of the green and magenta tints.



Phosphor Variable White
- Winner Lighting



Accessories

The Studio Force range has been designed to provide maximum utilisation through their flexible, multi-purpose design.

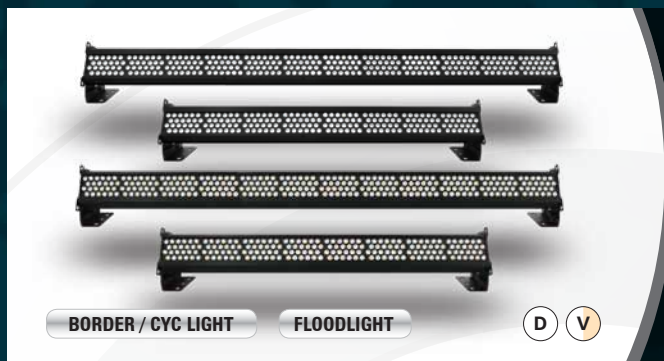
An extensive range of optional accessories are available to suit different applications for the Studio Force standard 12" and Compact models - including a lightbank kit, diffuser box attachments, barn door and various other accessories.



Accessories shown for 12" Studio Force and Color Force models. Separate accessories available for Compact models.

D Daylight White **V** Variable White **T** Tungsten White **DC** DC Battery Powered

Studio Force 48™ and Studio Force 72™ Battens



Available in a choice of 1.2m / 4ft (48) and 1.8m / 6ft (72) batten lengths, the Studio Force™ LED battens are ideal for evenly washing large areas. The range produces an extreme output of up to 28,000 lumens. Optional accessories include cyc and border light lenses, plus a half snoot.

Studio Force 12™ Multi-Purpose Fixtures



At only 300mm / 1ft long, the multi-purpose Studio Force 12™ area light is ideal for wash or floodlighting. Add different accessories to provide multiple applications from just one source. The range can also be used to extend the length of Studio Force LED battens, with the daylight white (D) model also available as an ultra bright version producing up to 15,000 lumens.

Studio Force Phosphor™ Softlights



The Studio Force Phosphor™ range utilises innovative technologies to provide an equivalent soft edge output to a fluorescent fixture and up to 8,210 lumens. There's a choice of standard daylight, variable and tungsten white colour temperature versions, with the variable version offering fine-tuning of the green & magenta tints. Other features include an extremely smooth uniform wash, extra soft beam, theatrical grade dimming, frequency adjustment for camera and a colour touch screen interface.

Studio Force Compact™ Workhorse Fixtures



Housed in a slim IP65 rated* profile, the Studio Force Compact™ is a cost-effective workhorse that is ideal for washlighting where space is tight. Despite measuring only 212mm / 8.4" in length, the range produces an extreme output of up to 2,800 lumens – making it ideal for lighting areas with a very small footprint. A range of optional accessories are available.

Measurements may have been rounded, please visit www.chroma-q.com for full measurements. *As per IEC60529 ingress protection rating code.
† ▲ • When used with optional accessories (see opposite page).



Chroma-Q®
BRILLIANT SOLUTIONS

The European headquarters of a leading multinational bank located at the heart of London's Canary Wharf financial district have upgraded their video conference auditorium lighting to a cutting-edge LED system featuring Chroma-Q® Studio Force V 12™ variable white LED fixtures.



Multinational Bank, UK

The building's state-of-the-art technical facilities include a video conference auditorium featuring an 'HD broadcast-quality' studio environment and production suite. The facility is used regularly for the bank's worldwide inter-branch presentations, as well as international conferences bringing together industry leaders, financial sponsors and investors to explore market and sector trends.

When the bank were planning to install a new video wall at the front of the auditorium, they required a suitable lighting system that would not only provide good illumination of the stage area, but which was low maintenance, camera-friendly and would not create glare on the large video wall directly in front of the fixtures.

After extensive testing 'on camera' in front of their own HD broadcast cameras, to check for any issues with flickering or colour rendition, the bank's technical team were impressed by the performance of the Chroma-Q Studio Force V 12 variable white LED fixtures.

The Studio Force V 12 variable white LED fixture is ideal for evenly lighting large areas, with an extreme output of up to 5,930 lumens despite its compact size. The flexible unit provides variable white adjustment between 3,000 - 6,100K CCT. Other features include factory calibrated 3,200°K and 5,600°K presets; a camera-friendly custom optical design providing a smooth, uniform output, with frequency adjustment up to 9,600Hz; and theatrical grade dimming.

Another reason for choosing the Studio Force model was its flexible, multi-purpose design, which enables the fixture to be used with a range of optional accessories to suit different applications.

The bank's auditorium lighting installation features a row of Studio Force V 12 fixtures fitted with the optional lightbank kit, to provide a softlight above the stage area which is not too bright for the audience or the person speaking, and does not reflect onto the video wall behind the stage. In addition, a second row of the fixtures are fitted with the optional diffuser box attachment, to

provide a floodlight source which has been set to the perfect light level and beam angle via barn doors on the front of the units.

All models in the Studio Force 12 range are also available as a DC battery powered version.

"After seeing the Chroma-Q fixtures in an environment emulating our own video conference studio conditions, we were really impressed by the smooth, flicker-free output of the Studio Force fixtures. They looked great on camera and with their flexible white adjustment, are ideal for our studio needs. Being LED, they will also save energy and give off less heat in the auditorium."

Major UK-Based Bank



Chroma-Q®
BRILLIANT SOLUTIONS



Television broadcaster, Portugal Telecom have utilised Chroma-Q® Studio Force V 12™ variable white LED fixtures to provide studio lighting for live broadcasts of shows on their primetime sports channel, Bola TV.

Bola TV, Portugal

even light output, with frequency adjustment up to 9,600 Hz.

Part of the Studio Force fixture's appeal for this application was its flexible, multi-purpose design, which includes an extensive range of optional accessories to suit different types of studio applications.

Operated by the Portuguese sports daily newspaper 'A Bola', Bola TV places a strong emphasis on football coverage, complemented by a whole variety of other sporting activities.

When lighting design and sceneography providers, Media Burst - part of the Mediapro Group - were looking for an energy-efficient lighting technology solution that wouldn't compromise the studio's demanding live show lighting needs, they specified the Chroma-Q Studio Force V 12 variable white LED fixture.

The multi-purpose fixture provides a variable colour temperature of 3,000K - 6,100K CCT, and an extreme output of 5,930 lumens for evenly washing large areas. In addition, the custom optical design provides a smooth,



As a result, the Bola TV studio selected the fixture to provide both softlights and floodlights using the separate lightbank kit and diffuser box accessories.

Being an LED light source, the fixture offers fantastic energy efficiency, low servicing and low maintenance costs. And unlike a traditional light source, there's no colour shift over time or when dimming.

"The choice of Chroma-Q proved to be a successful one for this kind of studio, with multi area and different types of scenarios in a small workspace. Owing to the very versatile installation, the studio can be used full-time every day, with few changes needed in the setup."

Media Burst



Chroma-Q®
BRILLIANT SOLUTIONS

Why Buy Chroma-Q® Inspire™ Fixtures?

Every aspect of the Chroma-Q® Inspire™ powerful, multi-purpose creative lighting range is designed to deliver the highest performance levels and versatility from a house light.

Seamless Lighting From Stage To Audience

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

When synced via DMX with stage lighting, the Inspire's extensive RGBW colour-mixing palette provides a seamless lighting transition throughout the room.

Theatrical Grade Dimming

Theatrical grade dimming emulates the extremely smooth dimming curve of tungsten fixtures, from completely off to completely on, and with no visible stepping or jerkiness during the dimming.

Multi-Purpose House Light

Combining advanced LED technologies with a high-quality colour mixing palette, the Inspire range makes an ideal, energy-efficient house light for any type of space - as well as giving the versatility to create a fully immersive environment.

Energy Efficient

The Inspire range's energy-efficient LED design provides reduced maintenance and running costs.

High Quality Light Output

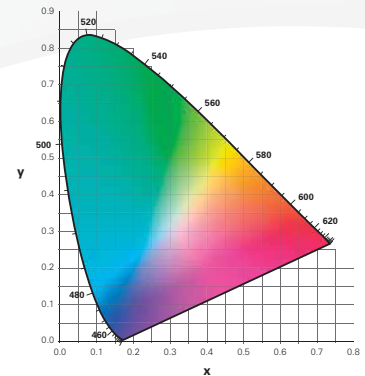
The custom optical design provides a smooth, even light output with outstanding colour blend across the spectrum. A fully homogenised beam provides beautifully mixed soft pastels, bold saturates and clean whites from 1,000K to 10,000K CCT.



Clean whites



Bold saturates



Inspire™ and Inspire Mini™ Fixtures



The range includes the award-winning Inspire™ and new Inspire Mini™ model. Utilising the same feature set, the more powerful Inspire is available in a choice of three beam angle options - including a 32° narrow lens (producing 4,390 lumens), a 42° medium lens (producing 4,120 lumens), and a 65° wide lens (producing 4,390 lumens) - compared to the smaller Inspire Mini, which features a 65° (approx) wide lens (producing 3,010 lumens) as standard.

The Inspire Mini features a shorter, super compact housing (251mm / 10") compared to the Inspire (404mm / 16"), making it ideal for venues with low ceilings or balconies.

The reduced light output of the Inspire Mini equates to a lower power consumption compared to the Inspire.



Chroma-Q®
BRILLIANT SOLUTIONS

Jacksonville, Florida's Celebration Church - one of the nation's fastest growing churches - are utilising over 100 Chroma-Q® Inspire™ premium performance, colour-changing LED house lights to provide an 'immersive' environment during their worship services.

Photos © Barry J. Grossman Photography

Celebration Church, USA

With attendee figures of more than 12,000 per week, the services held in Celebration Church's state-of-the-art, newly constructed worship arena feature an energetic, next generation praise and worship experience that infuses diverse genres and styles.

The Church wanted to make the audience feel a part of the onstage experience through lighting.

Featuring an installation of 96 Chroma-Q Inspire fixtures above the auditorium's seating areas, the unit's extensive RGBW colour-mixing palette provides a seamless



lighting transition throughout the room, from the stage to audience.

Synced via DMX with the stage lighting and controlled via a Jands Vista L5 console, the Inspire's fully homogenised beam provides beautifully mixed washes of soft pastels and vibrant, bold saturates, as well as clean whites - making it the ideal multi-purpose lighting solution for both the colourful services and the venue's house lighting needs.

"The worship arena is the new hub of the ministry, and we wanted to approach this project with out of the box thinking to make sure we addressed key lighting specific to our worship experience," says Alex Castro, Design and Logistics Director at Celebration Church. "We wanted people to have an 'onstage' experience when worshipping at the Church, to ensure they're part of the action."

The Inspire house lights now serve as a "key leader" in the Church's full-immersion environment, which starts in the venue's smaller lobby area, where a further 16 Inspires are rigged.

The Inspire fixture is powerful yet energy-efficient, resulting in reduced maintenance and running costs, with convection cooling keeping the unit silent.

Available in the full size or new Inspire Mini™ compact version, a choice of Black or White exterior housing, and a range of beam angles, the Inspire range is suitable for almost any type of entertainment or architectural space - large or small.

"With the Inspire houselights, we are able to create a fully immersive worship environment that makes the congregants feel the emotion and intensity of the experience no matter where they sit. With over 200 LED fixtures and almost 50 moving lights onstage, the Inspire houselights seamlessly carry the look and feel from onstage to all around the Arena."

*Trey Smith, Lead Lighting Designer
- Celebration Church*



Chroma-Q®
BRILLIANT SOLUTIONS



One of Sweden's largest 'theatre show restaurants', Rondo, have upgraded their house lighting system to Chroma-Q® Inspire™ premium performance, energy-efficient LED fixtures, to transform the feel and atmosphere of the popular venue.

Rondo, Sweden

and energy-efficient LED system, as well as offering an extra immersive dimension to their performances.

The existing system consumed a lot of power, and exchanging the expired lamps was made difficult by the dining seating positions below - bringing in a lift could be a five to eight hour project for two members of staff.

Following an onsite demo for Rondo's Stage and Restaurant Managers - as well as consulting one of the visiting production LDs regarding the fixture's specification - the Chroma-Q Inspire LED House light proved the ideal solution for the venue's needs.

The powerful, multi-purpose creative LED fixture is designed to transform the look and feel of a space. With fully homogenised RGBW colour mixing, the Inspire provides an excellent selection of beautiful soft pastels and bold saturates, as well as clean whites, with no unsightly colour separation shadows.

Available in a choice of narrow, medium and wide beam options, Rondo features ten wide-lens Inspire fixtures. They are rigged above the main central area of the room, in front of the stage, where guests dine before the show entertainment.

The upgraded control system enables the

Inspire fixtures to be DMX controlled from the venue's show lighting desk during performances. Once the lighting desk is turned off at the end of performances, the lighting automatically switches over to a controller in the venue which gives staff simple push button recall of up to 12 preset show lighting 'looks', such as 'daylight white' light during the pre-show dining.

As an ideal house lighting solution for most spaces, the Inspire includes features such as ultra-smooth theatrical grade dimming, even at the lowest intensity levels; a low power consumption; silent convection cooling, and a high CRI - all in a single fixture.

Situated in Scandinavia's biggest theme park, Liseberg, in the city of Gothenburg, Rondo stages high-class after-dinner entertainment shows and has featured performances from some of Sweden's leading musicians. One of the country's most historic show venues, around six million happy guests have danced, dined and celebrated here since Rondo opened sixty-five years ago. The venue is renowned for its glamour and exquisite dining experience.

Rondo wanted to upgrade their conventional tungsten house lights with a more modern



"We are extremely happy with the Inspires – they offer good, clean white lighting for during the dining experience, as well as an incredible light output and soft, even beam that makes the venue glow with colour during performances without blinding the guests. They are also low in power consumption compared to our previous lighting system, providing an added benefit over our old system."

Jesper Salhi, Stage Manager - Rondo



Chroma-Q®
BRILLIANT SOLUTIONS



The historic Pieterskerk building in the Dutch city of Leiden recently installed 70 of the Chroma-Q® Inspire™ premium performance LED fixtures to provide energy efficient, flexible lighting for the former Church's huge nave.

Pieterskerk, Holland

The Pieterskerk is a landmark of Leiden and can be seen from afar. Construction on the venue, which is a basilica in the late Gothic style, began around 1390 and continued at various intervals until the 1560s.

The deconsecrated building now serves as a major venue for TV recordings, corporate events, concerts or education, and since 2001 has undergone major restoration to convert it



into a technologically advanced space.

The venue's directors wanted to upgrade the building's lighting facilities, enabling them to create a multitude of atmospheres reflecting its varying usages. To achieve this, they approached Netherlands-based Harry de Kort at The Light Connection, to realise the project.

The new fixtures had to be powerful enough to light the massive space, yet flexible enough to address all the requirements of a venue with such a variety of uses. "Not only did the fixture have to be able to create both bold and subtle colours, but it also had to produce a white light of high enough quality to illuminate activities such as exams," explains Harry. "From a practical perspective, they needed to reduce the venue's energy costs, look good, dim very well, and be very quiet in operation. It was a huge ask in a single fixture, but the Inspire delivers on every level."

The Chroma-Q Inspire is designed to transform the look and feel of a space. The fully homogenised beam provides beautifully mixed

soft pastels, bold saturates and clean whites, making the Inspire ideal for both entertainment and house lighting. The unit's extensive RGBW colour-mixing palette can be controlled via DMX to provide a seamless lighting transition from a stage into a room.

"The technicians, advisors and the director of the venue were amazed and blown away by the high output and pleasing exterior appearance of the Inspires," says Harry. "The housing of the fixture merged very well with the beautiful interior. It was a unanimous decision to invest in the Inspire fixtures...they have transformed the atmosphere of the venue."

Harry de Kort - The Light Connection



Chroma-Q[®]
BRILLIANT SOLUTIONS

Other Chroma-Q[®] LED Products

Color Block 2 Plus[™] / 2 Plus Nano[™] Multi-Purpose Fixtures



The Color Block 2 Plus[™] features a versatile, modular 'building block' design and latest generation LED technologies such as single colour RGBA optics and theatrical grade dimming, making it a flexible creative lighting tool where it really counts.

The core technology is available as an ultra compact, low profile and versatile single cell version - Color Block 2 Plus Nano[™] - for discrete placements such as set piece, architectural and stage lighting. A variable white version is also available.

Color Charge Plus[™] Battery Powered Portable Fixture



The Color Charge Plus[™] battery powered, wireless DMX fixture is ideal for any temporary lighting installation where wiring is a challenge or where install speed is critical, transforming a venue in minutes.

Color Span 2[™] Custom Configurable Fixture



The Color Span 2[™] is a custom configurable low profile, ultra bright LED cove lighting and wall wash system designed for a wide range of applications. The fixture is available in a choice of 400mm, 800mm and 1.2m lengths.

AutoLED II[™] Daylight White LED Moving Light



The AutoLED II[™] LED moving light is specifically designed to provide the very precise illumination demanded for motor industry tradeshows, high end fashion events and premium retail environments.

The 6,500K CCT white LED fixture boasts an extreme 16,430 lumens output for an ultra bright, long distance throw, with a high CRI and smooth dimming curve.

DMX control of pan and tilt, with a revolutionary optional electronic beam shaper, provide highly accurate, remote control of both beam and positioning.



Chroma-Q®
BRILLIANT SOLUTIONS



Maryland's Frostburg State University have invested in Chroma-Q® Color Charge Plus™ wireless LED fixtures and Color Force 48™ premium performance LED battens to provide 'flawless dimming' and 'incredible colour mixing' for their varied calendar of events.

Frostburg University, USA

transforming and enhancing the atmosphere of the entire facility.

"We required a completely wireless system - DMX and power - since the fixtures were going to be located on the main staircase, structural support columns, and other building features that would not only be difficult to wire signal and power to, but would also be visually unattractive."

To achieve this, Austin purchased 36x Chroma-Q Color Charge Plus 600 lumen, battery powered, wireless DMX fixtures, designed for indoor temporary lighting applications where wiring is a challenge or where install speed is critical.

Amy Fynes, Assistant Director, Student Activities at Frostburg State University, adds: "Every month, the Lane University Center hosts a large, late night event called 'Late @ Lane'. The purpose of this event is to provide a high quality event for students on the weekend. According to student survey feedback and staff input, atmosphere is the most significant aspect of the night. Students are searching for a place to

socialise that looks completely different than the student Center does during the daytime hours and the Chroma-Q fixtures help us transform the facility into the nightclub atmosphere that students desire."

Austin Hout, Assistant Director at the College's Lane University Center, which is the hub of their live music, party, and meeting events, specified the Chroma-Q fixtures.

Following the Center's positive experience with the Color Force fixtures, the team required an LED wall wash fixture to help connect the lobby and lounge spaces by



"The market was saturated with entry-level DJ oriented wireless LED systems, but we entrusted the proven performance and reliability of Chroma-Q products and haven't turned back since," says Austin. "The Color Charge Plus fixtures are easy to store, easy to charge offsite, and easy to set up - three important factors when storage space and the availability of both our student staff and venue are limited."

*Austin Hout, Assistant Director
- Frostburg University*



Chroma-Q®
BRILLIANT SOLUTIONS

Lighting Accessory Solutions

Helping to earn its reputation, the Chroma-Q® Original accessories range has been designed to enhance the performance of conventional lighting fixtures, facilitating their use in today's technically demanding environments.

Colour changers, gobo rotators and moving mirror attachment



Control & Data Distribution Solutions

As well as being one of the industry's leading manufacturers of LED products and lighting accessories, Chroma-Q® also produce a selection of high quality control, data distribution and EtherSwitch network switch boxes.

Included in the range is the fault tolerant, self healing Magic Box™ 8 Way Buffer, the heavy duty, network switching Magic Box EtherSwitch 7F™ and the 4Play™, a compact DMX buffer designed to fully isolate all outputs from each other.





Chroma-Q®
BRILLIANT SOLUTIONS

ShowCom™ - Rugged, Cost-Effective Show Intercom Beltpack

With a reputation for innovative effects, control and data distribution accessories, we have turned our attention to the Audio sector with the launch of the new Chroma-Q® ShowCom™ - a compact, rugged, cost-effective show intercom beltpack.

Professional Performance, Yet Simple Operation



ShowCom combines professional level, reliable production communications with operation which is simple enough for anyone to use - making it perfect for stage and theatre shows, education drama facilities and many other applications.

Other features include:

- Compatibility with most master stations
- Tour proof, extruded aluminium chassis
- Backlit switches for low light environments
- Connect via industry standard two core, screened microphone cables

Worldwide Dealer Network

We have a worldwide network of Chroma-Q dealers. To find your local dealer, please visit www.chroma-q.com/sales

For more information on the complete Chroma-Q product range visit:

www.chroma-q.com



Chroma-Q®

Premium Performance for Today's Most Demanding Lighting Applications

- Meticulous colour accuracy
- Precise theatrical grade dimming
- Ultimate reliability
- Award-winning products

TV



Theatre



Opera



Venues



Touring



Events



- Concerts
- Tours
- Opera
- Theatre
- Film
- TV

- Corporate
- Hospitality
- Events
- Education
- Venues
- Retail

- Leisure
- Museums
- Exhibitions
- Houses of Worship

For all enquiries:
+44 (0)1494 446000



Chroma-Q®
BRILLIANT SOLUTIONS

www.chroma-q.com



UK & International Sales
A.C. Entertainment Technologies Ltd.
Tel: +44 (0)1494 446000
Fax: +44 (0)1494 461024
sales@ac-et.com
www.ac-et.com

Northern UK Sales
A.C. Entertainment Technologies Ltd.
Tel: 0113 255 7666
Fax: 0113 255 7676
acnorth@ac-et.com
www.ac-et.com



North American Sales
A.C. Lighting Inc.
Tel: +1 416-255-9494
Fax: +1 416-255-3514
northamerica@aclighting.com
www.aclighting.com

Asian Sales
A.C. Lighting Asia KK
Tel: +81 (0)3-6907-1758
Fax: +81 (0)3-6907-1589
sales@aclighting.jp
www.aclighting.jp