



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



# Chroma-Q<sup>®</sup> Inspire<sup>™</sup> Range

Premium Performance Architectural House Lighting

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





**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.

For more information on the full range, visit:

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



*Best Overall  
Lighting Product  
Best LED Fixture*



*V12 Phosphor -  
Winner Lighting*





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4. Inspire™ Range & Features

Inspire™ Technical Specification		Inspire Mini™ Technical Specification	
Product Code	CHQ10000	Product Code	CHQ10000
Max. Dimensions (HxWxD)	170mm (H) x 100mm (W) x 100mm (D)	Product Code	CHQ10000
Max. Weight	0.5kg	Max. Dimensions (HxWxD)	170mm (H) x 100mm (W) x 100mm (D)
Weight (3 versions: White)	0.5kg (White)	Max. Weight	0.5kg
Weight (3 versions: Black)	0.5kg (Black)	Weight (3 versions: White)	0.5kg (White)
Weight (3 versions: Red)	0.5kg (Red)	Weight (3 versions: Black)	0.5kg (Black)
Weight (3 versions: Green)	0.5kg (Green)	Weight (3 versions: Red)	0.5kg (Red)
Power Input Rating	100W (max)	Weight (3 versions: Green)	0.5kg (Green)
Power Factor	0.9	Power Input Rating	100W (max)
Power Consumption	100W (max)	Power Factor	0.9
Power Consumption (at 100% dimming)	100W (max)	Power Consumption	100W (max)
Power Consumption (at 50% dimming)	100W (max)	Power Consumption (at 100% dimming)	100W (max)
Power Consumption (at 25% dimming)	100W (max)	Power Consumption (at 50% dimming)	100W (max)
Power Consumption (at 10% dimming)	100W (max)	Power Consumption (at 25% dimming)	100W (max)
Power Consumption (at 5% dimming)	100W (max)	Power Consumption (at 10% dimming)	100W (max)
Power Consumption (at 1% dimming)	100W (max)	Power Consumption (at 5% dimming)	100W (max)
Power Consumption (at 0% dimming)	100W (max)	Power Consumption (at 1% dimming)	100W (max)
Power Consumption (at 0% dimming)	100W (max)	Power Consumption (at 0% dimming)	100W (max)

5. Technical Specifications



6. Rondo, Sweden



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## Worldwide Dealer Network

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# Why Buy Chroma-Q® Inspire™ Fixtures?

Every aspect of the award-winning 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.

## Colour Consistency

Utilising the same innovative core technologies found in the incredibly popular Chroma-Q Color Force™ range, each Inspire unit delivers the same colour results in any situation, regardless of the date it was manufactured.

In addition, the LED selection, combined with Chroma-Q's advanced Color Sure™ technologies, provide total colour consistency between fixtures.

Finally, through batch control and careful thermal management, units deliver the same colour results during any period of operation.

## 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

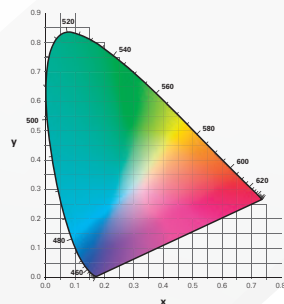
Combining advanced LED technologies with a high-quality colour mixing palette, the Inspire range makes an ideal, energy-efficient house light for any type of space - as well as giving the versatility to create a fully immersive environment.

## 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.



## Inspire™ and Inspire Mini™ Fixtures

**wfx NEW PRODUCT AWARDS TECHNOLOGY WINNER**

*Best Overall Lighting Product*  
*Best LED Fixture*

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.

# Technical Specifications



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## Inspire Range

	Inspire™	Inspire Mini™
Product Code	CHINHLRGBW... (followed by your lens and body colour option - see below for options)	CHINMINIHLRGBWA
Net Dimensions (WxHxD)	181mm x 404mm x 181mm / 7" x 16" x 7"	181mm x 251mm x 181mm / 7" x 10" x 7"
Net Weight	6kgs / 13.5lbs	3kgs / 6.7lbs
Shipping Dimensions (WxHxD)	501mm x 380mm x 300mm / 20" x 15" x 12"	310mm x 390mm x 310mm / 12.25" x 15.5" x 12.25"
Shipping Weight	8kgs / 18lbs	4.5kgs / 10lbs
Power Supply	Built-in	
Power Input Rating	100-240V AC 50-60Hz 120VA	
Power Factor	0.9	
Power Consumption	120W (Max Intensity); 7W (Standby) @ 230V	75W (Max Intensity); 2W (Standby) @ 230V
Typical Power & Current	Measurements done with all LEDs at maximum intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%.	
Power Connectors In/Out	PowerCon (Input only)	
Data Connector In/Out	XLR 5-pin	
Operating Temperature	0°C to 40°C	
Control Protocol	ANSI E1.11 USITT DMX-512A	
Cooling System	Convection	
Construction	Anodised aluminium extrusion	
Colour	Black / White	
Built-In Hardware	Mounting bracket (12.7mm / 1/2" diameter hole)	
IP Rating	IP20	
Approvals	CISPR 22/EN55022 & CISPR 24/EN55024, ICES-003 Issue 4:2004 / FCC Part 15 Subpart B:2010, CSA C22.2 No. 166-M1983: R2008, UL 1573:2003 (R2010), UL SUBJECT 8750: 2009	EN55022 & EN55024:2010, ICES-003:2012, FCC Part 15 Subpart B:2012, CSA C22.2 No. 160-M1983 (R2013), UL 1573:2003 (R2014), IEC 60598-2-17
LED engines	1	1
LEDs per engine	9 x Neutral White + 9 x RGB	12 x Neutral White + 6 x RGB
Total LEDs	36	30
Control modes	7 channels fxHSI, 5 channels sRGBW, 3 channels HSI, 4 channels RGBW, 1 channel Look sel, Mastr StndAlon, Slave StndAlon	
Diming Curve	Theatrical	
Variable Effects Engine	Yes	
Effects Parameters	Colour speed, range, step, intensity effects	
Hot Lumen output	4,390 hot lumens (narrow lens) 4,120 hot lumens (medium lens) 4,390 hot lumens (wide lens)	3,010 hot lumens (wide lens)
Optics	Fully homogenised	
Beam angle	Choose between: Narrow Lens - 32° beam angle (approx.) Medium Lens - 42° beam angle (approx.) Wide Lens - 65° beam angle (approx.)	Wide Lens - 65° beam angle (approx.)
Beam distribution	Symmetrical direct illumination	
CCT	Adjustable 1,000 - 10,000K (preliminary)	
Colour Gamut	Performance enhanced	
CRI	90	
Lamp life	L70 at 50,000 hours	

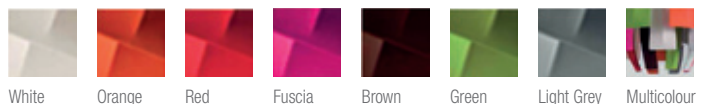
## Accessories

	Inspire™	Inspire Mini™
Inspire Ceiling Installation Kit	Yes - Available in Black (CHINIKB) or White (CHINIKW)	
Inspire Snoot	Yes (CHINSN)	No

## Perfect for Commercial Applications



The Inspire Mini fixture is available with an optional shroud accessory in a choice of colour options, making it perfect for commercial applications.





# Inspire Lighting Applications

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

## Rondo, Sweden

Rondo stages high-class after-dinner entertainment shows and has featured performances from some of Sweden's leading musicians.

The restaurant wanted to upgrade their



conventional tungsten house lights with a more modern and energy-efficient LED system, as well as offering an extra immersive dimension to their performances.

Rondo features ten wide-lens Inspire fixtures 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.



**"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..."**

*Jesper Salhi, Stage Manager - Rondo*

The historic Pieterskerk building in the Dutch city of Leiden recently installed 70 Chroma-Q® Inspire™ 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. 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.

"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 technicians, advisors and the director of the venue were amazed and blown away by the high output and pleasing exterior appearance of the Inspires. 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*

# For the Full Stories, visit [www.chroma-q.com/inspire](http://www.chroma-q.com/inspire)

Thousands of schoolchildren are expected to visit a new 'ICER' innovation centre in the Dutch town of Ulf, which features a state-of-the-art educational hub transformed into different moods through vibrant colour-changes provided by Chroma-Q® Inspire™ LED house lights.

## ICER museum, Holland

Housed in an old factory, ICER has transformed the cavernous venue into an exciting, futuristic space. The centre is billed to be a thriving creative workspace where visitors will be provided with a broad spectrum of innovative workshops, ranging from brand new product presentations to such cutting-edge activities as 3D printing, as well as robot & solar-powered car research and invention.



ICER needed an energy efficient, flexible lighting solution which was able to wash a diverse and vibrant colour palette across areas of the space, to transform the atmosphere and mood every few metres. They also needed the chosen fixtures to be premium performance and powerful enough to light up large spaces in the warehouse-style rooms.

The fixtures have been placed throughout the venue's key areas, such as the large central exhibition and museum-like hall, the presentation and innovation hall, and a further space containing a cube with a "Fab Lab", where the 3D printing workshops take place.

Harry de Kort, director at The Light Connection, specified and supplied the Inspire fixtures, which were installed by partner, "Hendriksen bv" from Terborg.



© Stan Bouman Photography / The Light Connection

**"...Using the Inspire fixtures, every spot in the building can be given any colour we want. When the content of the exhibition changes, the colours can change with them. Also, the multimedia show that will be held twice a day can be altered as much as we want, thanks to the incredible flexibility of the Inspire fixtures with their remarkable output."**

*Barbara de Leeuw, Director - ICER*

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

## Celebration Church, USA

With attendee figures of more than 12,000 per week, the services held in the 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.

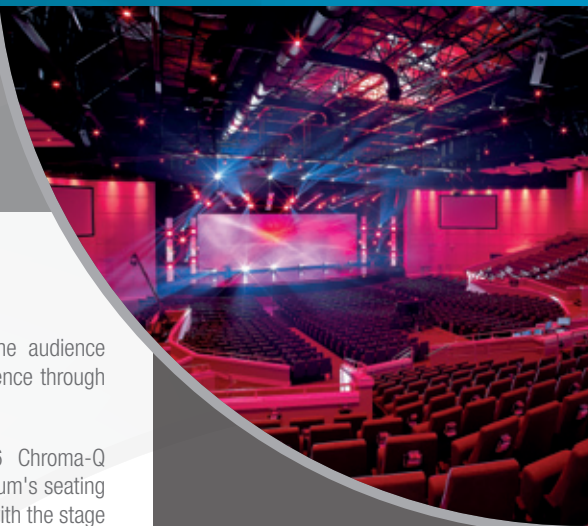


The Church wanted to make the audience feel a part of the onstage experience through lighting.

Featuring an installation of 96 Chroma-Q Inspire fixtures above the auditorium's seating areas, which is synced via DMX with the stage lighting, the unit's extensive RGBW colour-mixing palette provides a seamless lighting transition throughout the room, from the stage to audience.

The lighting project was designed, engineered and installed by Wave, based in North Carolina.

Synced via DMX with the stage lighting, Inspire is the ideal multi-purpose lighting solution for both the colourful services and the venue's house lighting needs.



**"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...the Inspire houselights seamlessly carry the look and feel from onstage to all around the Arena."**

*Trey Smith, Lead Lighting Designer - Celebration Church*



# Are you inspired?...

## We think you will be

### Chroma-Q® Inspire™

### Colour-changing LED house lighting

### Seamless lighting from stage to audience

- Energy-efficient LED solution • Beautiful whites, soft pastels & bold saturates
- Fully homogenised beam • Precise theatrical grade dimming • Award-winning



Entertainment • Theatre • Venues • Retail • Leisure • Corporate • Architecture

## Contact your local Chroma-Q dealer for a demonstration or visit:

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**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