



Chroma-Q®
BRILLIANT SOLUTIONS

Specification Sheet - Version: 1.2
Chroma-Q® Inspire XT™ RGBW Addressing
Part No: CHINHLRGBWA..

DESCRIPTION

The Chroma-Q® Inspire XT™ LED house light is the most powerful fixture in the range, delivering up to 9,500 lumens. Including all the features of the Inspire™ & Inspire Mini™ with twice the output, it is ideal for situations that require the same high quality white and coloured lighting with even more output.

In addition, it uses some of the innovative core technologies found in other award winning Chroma-Q® products. All Inspire models in the range provide a choice of beautiful whites, soft pastels and bold saturates - all from one fixture. By incorporating industry standard DMX-512 control, the Inspire is able to integrate seamlessly with an existing DMX infrastructure and can be controlled by any DMX supported lighting console.

With fully homogenised colour mixing and a choice of three different beam spreads, the Inspire XT provides an excellent selection of stunning mixed colours and 'true' whites, with no unsightly colour separation shadows. It also features an energy-efficient LED design providing reduced maintenance and running costs.

FEATURES

- Fully homogenised beam
- High quality white lighting and RGBW colour-mixing
- Beautiful whites, soft pastels and bold saturates - all from a single fixture
- Ideal for house light replacements
- Seamlessly integrate stage & house lighting
- Convection cooled for quiet operation
- Extremely smooth, uniform output
- Theatrical grade dimming
- Powerful – up to 9,500 lumens
- Holographic spread lenses included to allow for three beam spreads
- Adjustable 1,000K to 10,000K CCT
- High CRI of 90
- Exceptional fixture to fixture consistency
- Made in North America
- Built in power supply
- Low energy consumption

ORDERING INFORMATION

CHINHLRGBWXA: Chroma-Q Inspire XT LED houselight, black
CHINHLRGBWAW: Chroma-Q Inspire XT LED houselight, white

ACCESSORIES

CHINTHB: Top hat/snoot for Inspire, black
CHINTHW: Top hat/snoot for Inspire, white
CHINYK: Yoke mount kit for Inspire, black
CHINYKW: Yoke mount kit for Inspire, white
CHINBDB: Barndoor for Inspire, black
CHINBDW: Barndoor for Inspire, white
CHINIKBM: Blind ceiling installation kit, black
CHINIKBMW: Blind ceiling installation kit, white
CHINSIK15B: Blind sloped ceiling kit - 0 to 15°, black trim
CHINSIK15W: Blind sloped ceiling kit - 0 to 15°, white trim
CHINSIK30B: Blind sloped ceiling kit - 20 to 30°, black trim
CHINSIK30W: Blind sloped ceiling kit - 20 to 30°, white trim

OVERALL SPECIFICATIONS

Net Dimensions Width:	181mm / 7"
(without fixings): Height:	557mm / 22"
Depth:	181mm / 7"
Net Weight:	7.5kg / 16.5lb
Shipping Dimensions (WxHxD):	305mm x 661mm x 305mm / 12" x 26" x 12"
Shipping Weight:	9.5 kg / 21 lbs
Power Supply:	Built-in
Power Input Rating:	100-240V AC 50-60Hz 120VA
Power Factor:	0.9
Power Consumption:	135W @240V (maximum intensity); 7.5W @240V (stand-by)
Inrush Current:	37A @120V and 75A@230V
Earth Leakage:	0.49mA
Typical Power & Current:	Measurements done with all LEDs at maximum intensity. Measurements made at nominal voltage. Allow for a deviation of +/- 10%
Data connectors in-out:	XLR 5 Pin
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
LED engines:	1
LEDs per engine:	36
Total LEDs:	36 (combination of white, red, green, blue)
Control modes:	7 channels fxHSI, 5 channels sRGBW, 3 channels HSI, 4 channels RGBW, 1 channel Look sel, Mastr StndAlon, Slave StndAlon
Dimming Curve:	Theatrical
Variable Effects Engine:	Yes
Effects Parameters:	Color speed, range, step, intensity effects
Hot Lumen Output (Combined):	Up to 9,500 lm
Optics:	Fully homogenised
Beam Angle:	32° (approx), 42° (approx), 65° (approx)
Beam Distribution:	Symmetrical direct illumination
CCT:	Adjustable 1,000 - 10,000K
Colour Gamut:	Performance enhanced
Lamp Life:	L70 at 50,000 hours
CRI:	90



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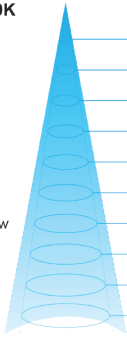
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PHOTOMETRICS



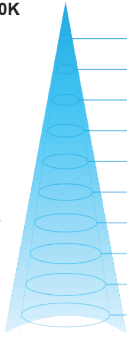
Fixture photometric table

Fixture model
Inspire XT narrow 3500K
Field: 57°
Beam: 32°
Magnification (mf): 0.57 x
Candelas: 23300 Cd
Lumens: 9200 lm
Watts: 135 w
Lumen/w: 172.7 lm/w
CRI Ra: 90
TM-30 Rf / Rg: 85 / 104
Duv: -0.0114



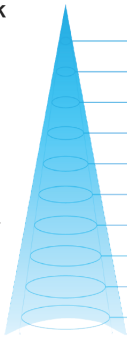
Throw Distance		Field Spread		Beam Spread		Full On	
m	ft	m	ft	m	ft	Lux	Footcandle
1.00 m	3.3 ft	1.1 m	3.6 ft	0.6 m	1.9 ft	23300 lx	2165 fc
1.53 m	5.0 ft	1.7 m	5.5 ft	0.9 m	2.9 ft	9953 lx	925 fc
3.05 m	10.0 ft	3.3 m	10.9 ft	1.7 m	5.7 ft	2505 lx	233 fc
3.95 m	13.0 ft	4.3 m	14.1 ft	2.3 m	7.4 ft	1493 lx	139 fc
4.56 m	15.0 ft	5.0 m	16.2 ft	2.6 m	8.6 ft	1121 lx	104 fc
6.10 m	20.0 ft	6.6 m	21.7 ft	3.5 m	11.5 ft	626 lx	58 fc
6.85 m	22.5 ft	7.4 m	24.4 ft	3.9 m	12.9 ft	497 lx	46 fc
7.63 m	25.0 ft	8.3 m	27.2 ft	4.4 m	14.4 ft	400 lx	37 fc
9.15 m	30.0 ft	9.9 m	32.6 ft	5.2 m	17.2 ft	278 lx	26 fc
10.07 m	33.0 ft	10.9 m	35.9 ft	5.8 m	18.9 ft	230 lx	21 fc

Fixture model
Inspire XT medium 3500K
Field: 105°
Beam: 44°
Magnification (mf): 0.81 x
Candelas: 7800 Cd
Lumens: 7500 lm
Watts: 135 w
Lumen/w: 58.5 lm/w
CRI Ra: 90
TM-30 Rf / Rg: 85 / 104
Duv: -0.0114



Throw Distance		Field Spread		Beam Spread		Full On	
m	ft	m	ft	m	ft	Lux	Footcandle
1.00 m	3.3 ft	2.6 m	8.6 ft	0.8 m	2.7 ft	7800 lx	725 fc
1.53 m	5.0 ft	4.0 m	13.1 ft	1.2 m	4.1 ft	3332 lx	310 fc
3.05 m	10.0 ft	7.9 m	26.1 ft	2.5 m	8.1 ft	838 lx	78 fc
3.95 m	13.0 ft	10.3 m	33.8 ft	3.2 m	10.5 ft	500 lx	46 fc
4.56 m	15.0 ft	11.9 m	39.0 ft	3.7 m	12.1 ft	375 lx	35 fc
6.10 m	20.0 ft	15.9 m	52.2 ft	4.9 m	16.2 ft	210 lx	19 fc
6.85 m	22.5 ft	17.9 m	58.6 ft	5.5 m	18.2 ft	166 lx	15 fc
7.63 m	25.0 ft	19.9 m	65.2 ft	6.2 m	20.2 ft	134 lx	12 fc
9.15 m	30.0 ft	23.8 m	78.2 ft	7.4 m	24.3 ft	93 lx	9 fc
10.07 m	33.0 ft	26.2 m	86.1 ft	8.1 m	26.7 ft	77 lx	7 fc

Fixture model
Inspire XT wide 3500K
Field: 108°
Beam: 62°
Magnification (mf): 1.20 x
Candelas: 6700 Cd
Lumens: 8100 lm
Watts: 135 w
Lumen/w: 50.3 lm/w
CRI Ra: 90
TM-30 Rf / Rg: 85 / 104
Duv: -0.0114



Throw Distance		Field Spread		Beam Spread		Full On	
m	ft	m	ft	m	ft	Lux	Footcandle
1.00 m	3.3 ft	2.8 m	9.0 ft	1.2 m	3.9 ft	6700 lx	622 fc
1.53 m	5.0 ft	4.2 m	13.8 ft	1.8 m	6.0 ft	2862 lx	266 fc
3.05 m	10.0 ft	8.4 m	27.5 ft	3.7 m	12.0 ft	720 lx	67 fc
3.95 m	13.0 ft	10.9 m	35.7 ft	4.7 m	15.6 ft	429 lx	40 fc
4.56 m	15.0 ft	12.6 m	41.2 ft	5.5 m	18.0 ft	322 lx	30 fc
6.10 m	20.0 ft	16.8 m	55.1 ft	7.3 m	24.1 ft	180 lx	17 fc
6.85 m	22.5 ft	18.9 m	61.9 ft	8.2 m	27.0 ft	143 lx	13 fc
7.63 m	25.0 ft	21.0 m	68.9 ft	9.2 m	30.1 ft	115 lx	11 fc
9.15 m	30.0 ft	25.2 m	82.6 ft	11.0 m	36.1 ft	80 lx	7 fc
10.07 m	33.0 ft	27.7 m	90.9 ft	12.1 m	39.7 ft	66 lx	6 fc



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DIMENSIONS

