



# Color Block

## - One fixture, endless solutions

The Chroma-Q™ Color Block's™ versatile modular design and comprehensive range of fixing options allows users to easily create a complete LED system using stock of just one generic fixture type - including battens, blinders and various mounting configurations.

Each block features four sets of 3 high output RGB LEDs which produce an intense, powerful light and vibrant colours across the spectrum.

Designed to be intelligent both inside and out, the modular blocks incorporate the latest HSI (Hue, Saturation and Intensity) control as well as RGB, and Variable Effects Engine software which gives the lighting designer full control over colour and effects combinations.

The product's lightweight yet robust, heavy gauge aluminium extruded construction houses a discreet cable management system and additional protection is built around the LED lenses for a truly road proof fixture.

### Create bespoke lighting solutions

The Color Block's modular 'building blocks' design has proved extremely popular with both rental companies and end users, who have adopted the fixture to create fully bespoke LED lighting solutions for a wide range of touring, TV, theatre, tradeshow and indoor architectural applications.

Create effects lighting including battens, blinders, footlights, side fills, cyclorama floods, truss toners, discreet set piece lighting and interior architectural lighting applications – all from stock of just one fixture!

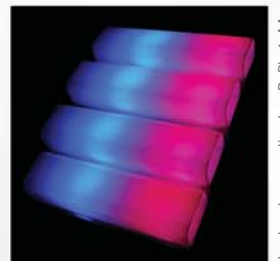
The Color Block range includes a wide choice of separately available fixing accessories for wall, floor, truss, stand and vertical hanging units, nine different colour options, and UV and White LED versions for specialist applications.

L to R: Gold, Black, Chrome, Green, Red, Pewter, Champagne, Blue, Light Bronze



### Key Features

- ▶ All-purpose design - create an LED system using stock of one generic fixture
- ▶ Modular construction - easily configured as battens, blinders or tubes
- ▶ Variable Effects Engine - full control of colour & effects parameters
- ▶ HSI (Hue, Saturation & Intensity) and RGB control - enhanced colour adjustment
- ▶ Range of fixings - suitable for wall, floor, truss, stand & vertical hanging
- ▶ Efficient thermal management - improved brightness and light output levels
- ▶ Heavy gauge anodized aluminium extrusion - lightweight but extremely robust
- ▶ Slimline design with cable management - perfect for discreet installation
- ▶ Whisper quiet cooling fan - safe, efficient & optimal operation in all conditions
- ▶ PSU with on-board memory - store & play back looks in stand alone mode



Header photo credits, L to R: Pic 1, Massive Attack International Tour 2007. LD Vince Foster. © UVA. Pic 2, Comic Relief 2005, BBC TV. LD Chris Kempton. Pic 3, Radio 1 Chart Show Live Event. LD Nick Jevons. Electricity Productions. Pic 4, Radio 1's Big Weekend. © Louise Stickland. LD Nick Jevons. Electricity Productions. Pic 5, Comic Relief Does Fame Academy, Courtesy of Comic Relief. LD Mark Kenyon.



For the latest news and information on the Chroma-Q™ Plus™, visit [www.chroma-q.com](http://www.chroma-q.com)

# Technical Specification

## Color Block DB4 Specification

<b>Product Code</b>	CHCB4	<b>Built-in Hardware</b>	Interlocking system, quick release catches & M10 clinch nuts
<b>Dims.</b> (without fixings)	250mm x 62mm x 117mm / 9.8" x 2.4" x 4.6"	<b>LEDs Per Cell</b>	4 x 3 RGB (UV and white LED versions also available)
<b>Weight</b>	1.4kg / 3.1lbs	<b>Lamp Life</b>	Up to 25,000 hours
<b>Connector in/out</b>	XLR4	<b>IP Rating</b>	IP20
<b>Colour</b>	Black anodised (8 other colour options available)	<b>Approval</b>	Pending EN55103-1 & 2, IEC60950




## Photometric Performance

<b>Optics</b>	Specialised close focus lens	<b>Beam Angle</b>	14° (also 20°, 30 x 5° & 60 x 10° optional beam kits).
<b>Source</b>	12 LEDs, each with individual control (4 Red, 4 Green, 4 Blue)	<b>Distribution</b>	Symmetrical direct illumination
<b>Lumen Output</b>	Red 100 Lumen, Green 160 Lumen, Blue 30 Lumen, White 290 Lumen	<b>CCT</b>	Adjustable 1000 - 10,000K
		<b>CRI</b>	Not measurable
		<b>Colour Gamut</b>	Performance enhanced


## Color Block 5-Way Power Supply

<b>Product Code</b>	CHCBPSU05 (max 5 DB4s)	<b>Control</b>	ANSI E1.11 USITT DMX512-A XLR5 in and through
<b>Dims.</b>	219mm x 88mm x 279mm / 8.6" x 3.5" x 11"	<b>Power Connector</b>	IEC
<b>Weight</b>	3.9kg / 8.6lbs	<b>Colour</b>	Black powder coated paint
<b>Power</b>	100-240VAC 50/60Hz	<b>IP Rating</b>	IP20
<b>Power Consumption</b>	4A @ 120VAC; 2A @ 240VAC	<b>Approvals</b>	Pending EN55103-1 & 2, IEC60950, EN61000-3-3 and EN61000-3-2
<b>DMX Connector in/out</b>	XLR5		



## Color Block 30-Way Power Supply

<b>Product Code</b>	CHCBPSU30 (max 30 DB4s)	<b>Control</b>	USITT DMX512 (1990)
<b>Dims.</b>	483mm x 368mm x 89mm (2U) / 19" x 14.5" x 3.5"	<b>Power Connector</b>	Trailing lead
<b>Weight</b>	11.11kg / 24.5lbs	<b>Colour</b>	Black powder coated paint
<b>Power</b>	100-240VAC 50/60Hz	<b>IP Rating</b>	IP20
<b>Power Consumption</b>	18A @ 120VAC; 9A @ 240VAC	<b>Approvals</b>	Pending EN55103-1 & 2, IEC60950 EN61000-3-3 & EN61000-3-2
<b>DMX Connector in/out</b>	XLR5		



## Accessories

<b>CHCBSY</b>	Yoke attachment	<b>CHCBWB</b>	Wall bracket for single DB4
<b>CHCBBB</b>	Batten bracket kit for up to 5 DB4s	<b>MUCX4SDP-0.22</b>	Single link cable for use in battens
<b>CHCBBF4</b>	Blinder frame for 4 DB4s	<b>CHCBBK20</b>	20° beam kit for Color Block
<b>CHCBLP250</b>	250mm / 9.8" LED pipe (single unit)	<b>CHCBBK30</b>	30° beam kit for Color Block
<b>CHCBLP1300</b>	1.3m / 51.2" LED pipe (5-way batten)	<b>CHCBBK3005</b>	30° x 5° beam kit for Color Block
<b>CHCBHP</b>	Hinge kit	<b>CHCBBK6010</b>	60 x 10° beam kit for Color Block



**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/northamerica

**Asian Sales**  
 A.C. Lighting Asia KK  
 Tel: +81 (0)48-475-9377  
 Fax: +81 (0)48-475-9355  
 asia@aclighting.com  
 www.aclighting.com/asia