

# SYSTEM MATRIX

## iColor Series

FIXTURE	iColor Accent (1-ft, 4-ft, 8-ft) Item# 101-000008-XX	iColor Cove® (6-in, 12-in) Item# 101-000002-XX	iColor Fresco (1-ft, 2-ft, 4-ft) Item# 101-000003-XX	iColor MR Item# 101-000001-01
POWER SUPPLY (PS)	PDS-500e	PDS-150e	PDS-150e	PS-60/JuiceBox 2** or magnetic transformer
FIXTURES PER PS	48 feet	12-in: 24, 6-in: 32	24 feet	40
ADDRESSING MODE	DMX	Stand Alone or DMX	DMX	Stand Alone or DMX
ADDRESSING METHOD	SAS* or Zapi 1.5	Dipswitches, SAS* or Zapi 1.5	Zapi 1.5	Dipswitches or Zapi 1.5
CONTROLLER	Color Kinetics full line of controllers or DMX512 (RS485)	Color Kinetics full line of controllers or DMX512 (RS485)	Color Kinetics full line of controllers or DMX512 (RS485)	With Juice Box 2, Color Kinetics full line of controllers or DMX512 (RS485)
WIRING	Two runs per PS, 50-ft lead + 24-ft light run. Required: Color Kinetics 50-ft power cable: Item# 108-000011-00	Two runs per PS, 40-ft lead + 12-ft light run. Required: Color Kinetics 50-ft cable harness: Item# 108-000013-00	Two runs per PS, 38-ft lead + 12-ft light run. Required: 3-conductor, 14-16AWG cable supplied by others. Color Kinetics T and L connectors: Item# 101-000005-XX	Low Voltage track, MR16 fixture, or MR16 bi-pin connectors. All provided by others. Required: 8-conductor, 14-18AWG cable supplied by others.

## bColor Series

FIXTURE	ColorBlast 6 Item# 116-000001-XX	ColorBlast 12 Item# 116-000002-XX	ColorBurst 4 Item# 116-000003-XX	ColorBurst 6 Item# 116-000004-XX
POWER SUPPLY (PS)	PDS-150e	PDS-150e	PDS-150e	PDS-150e
MAXIMUM PER PS	6	3	12	6
ADDRESSING MODE	DMX	DMX	DMX	DMX
ADDRESSING METHOD	SAS* or Zapi 1.5	SAS* or Zapi 1.5	SAS* or Zapi 1.5	SAS* or Zapi 1.5
CONTROLLER	Color Kinetics full line of controllers or DMX512 (RS485)	Color Kinetics full line of controllers or DMX512 (RS485)	Color Kinetics full line of controllers or DMX512 (RS485)	Color Kinetics full line of controllers or DMX512 (RS485)
WIRING	60-ft lead cable provided. Home run each to PS. Refer to wiring diagrams for details.	60-ft lead cable provided. Home run each to PS. Refer to wiring diagrams for details.	3-conductor, 18AWG cable supplied by others or ColorBurst Base: Item# 116-000005-XX Refer to wiring diagrams for details.	3-conductor, 18AWG cable supplied by others or ColorBurst Base: Item# 116-000005-XX Refer to wiring diagrams for details.

## Chromatic

FIXTURE	iColor Flex SL Item #101-000018-XX #101-000026-XX	iColor Tile FX Item# 101-000019-XX	iColor Cove EC Item# 101-000022-XX	iColor Module FX Item# 101-000045-XX
POWER SUPPLY (PS)	PDS-60ca 7.5V DMX, Ethernet, Preprogrammed	PDS-60ca 7.5V DMX, Ethernet, Preprogrammed	PDS-60ca 24V DMX, Ethernet, Preprogrammed	PDS-60ca 7.5V DMX, Ethernet
MAXIMUM PER PS	100 Nodes	1 Tile	30	144 Nodes
ADDRESSING METHOD	Data Dependent DMX - Auto-Config or PDS Tool* Ethernet - LSM**	Data Dependent DMX - Auto-Config or PDS Tool* Ethernet - LSM**	Data Dependent DMX - Auto-Config or PDS Tool* Ethernet - LSM**	Data Dependent DMX - Auto-Config or PDS Tool* Ethernet - LSM**
CONTROLLER	LSM or DMX 512 (RS485)	LSM or DMX 512 (RS485)	LSM or DMX 512 (RS485)	LSM or DMX 512 (RS485)
WIRING	Two runs pre PS, 20-ft leader plus up to 50 nodes per run.	One tile per PS with 20-ft leader.	Two runs pre PS, 30-ft leader + up to 30 fixtures.	Two runs pre PS, 30-ft leader + up to 144 total nodes.

\* PDS Configuration Tool is available as a free download from [www.colorkinetics.com/support/downloads/](http://www.colorkinetics.com/support/downloads/)

The PDS Configuration Tool is used with the PDS-60ca. Attach the PDS-60ca to your computer via a CAT5 data cable.

\*\* LSM - Light System Manager

## Digital Power Processing (DPP)

FIXTURE	COLORCAST 14 DPP
DATA ENABLER	Data Enabler DMX, Ethernet

<b>MAXIMUM PER DE</b>	27 -80 Fixtures		
<b>ADDRESSING METHOD</b>	Data Dependent DMX - Zapi or SAS* Ethernet - LSM**		
<b>CONTROLLER</b>	LSM or DMX 512(RS485)		
<b>WIRING</b>	Two runs pre PS, 20-ft leader + up to 50 nodes per run.	One tile per PS, with 20-ft leader.	Two runs per PS, 30-ft leader + up to 30 fixtures.

\* PDS Configuration Tool is available as a free download from [www.colorkinetics.com/support/downloads](http://www.colorkinetics.com/support/downloads) downloads. The PDS Configuration Tool is used with the PDS-60ca. Attach the PDS -60ca to your computer via a CAT5 data cable.

\*\* LSM - Light System Manager

## Color Kinetics Controllers

CONTROLLERS	FEATURES	MAX. NUMBER OF INDIVIDUAL ADDRESSES
<b>Color Dial</b> Item# 101-000008	- 8 Preprogrammed, modifiable, light shows- Real time color and effects changing - Compatible with all Color Kinetics professional lights	60
<b>Multi Synchronizer</b> Item# 101-000002	- Choose and modify eight light shows using on-board dipswitches.	12
<b>ColorPlay 1.8 Software</b> Item# 103-000004-2	Light show authoring software that lets you: - Assign and map lights - Create light shows - Simulate and preview shows. - Download shows to iPlayer 2.	N/A
<b>iPlayer 2</b> Item# 103-000007-00	- Storage and playback device for user created light shows.	170
<b>Controller Keypad</b> Item# 103-000009-00	- Eight button station accesses user-programmed show from iPlayer 2. - Dimmer controls	N/A

## Addressing Tools

FIXTURES	Zapi 1.5 Item# 103-000005				SAS		LSM Item# 101-000015-00	
	MODES				MODE		MODE	
	Serial Number	All Same DMX	Stand Alone	Fresco	Serial Number		Chromatic	Serial Number
<b>iColor Accent</b>	X	X			X			X
<b>iColor Cove</b>		X			X			
<b>iColor Fresco</b>		X		X				
<b>iColor MR</b>		X						
<b>ColorBlast</b>		X						X
<b>ColorBlast 6</b>	X	X			X			X
<b>ColorBlast 12</b>	X	X			X			X
<b>ColorBurst 4</b>	X	X			X			X
<b>ColorBurst 6</b>	X	X			X			X
<b>iColor Flex SL</b>							X	
<b>iColor Tile FX</b>							X	
<b>iColor Cove EC</b>							X	

\*SAS = Serial Addressing Software: available as a free download from <http://www.colorkinetics.com/support/downloads/sas/>. To use SAS, connect to PC via Color Kinetics iPlayer 2 or Smart Jack 3.

\*\* Use JuiceBox 2 to externally control iColor MR.