



COLOUR CHORUS SERIES™

SKU# (see product SKU table)

The new Colour Chorus™ series is available in 1 (0.3m), 2 (0.6m), 4 (1.2m), and 6 foot (1.8m) fixture lengths, featuring long life individual 3W (Red, Green, Blue, Amber) LEDs, 100,000 average hour LED life, individual hue, saturation, and intensity control, LED group control, variable dimming curve modes, strobe and chase effects, ArtNet™, KlingNet™ and RDM (remote device management) protocol support, 3pin and 5pin DMX, powerCon, and RJ45 in/out connections, LCD menu display with 4 button control panel, integrated rigging brackets, multiple unit power linking, rugged die-cast aluminum exterior, flicker free operation for TV and FILM, and a multi-voltage universal auto switching power supply (110-240v).



FEATURES

- Individual 3W (Red, Green, Blue, Amber) LEDs
- Colour Chorus 12™ (48) Total LEDs (12 of each color)
- Colour Chorus 24™ (96) Total LEDs (24 of each color)
- Colour Chorus 48™ (192) Total LEDs (48 of each color)
- Colour Chorus 72™ (288) Total LEDs (72 of each color)
- Individual Hue, Saturation, and Intensity Control
- ArtNet™ / KlingNet™ / RDM Protocol Support
- Variable Dimming Curves
- Multiple Unit Power Linking
- Rugged Die-Cast Aluminum Exterior
- Flicker Free Operation for TV and FILM



Specifications are subject to change without notice ©Elation Professional

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PRODUCT SPECIFICATIONS

FEATURES

Individual Hue, Saturation, and Intensity Control
 ArtNet™ / Klingnet™ / RDM Protocol Support
 Variable Dimming Curve Modes
 Multiple Unit Power Linking / Die-Cast Aluminum Exterior
 Flicker Free Operation for TV and FILM

SOURCE / PHOTOMETRIC DATA

Individual 3W (Red, Green, Blue, Amber) LEDs
Colour Chrous 12™ (48) Total LEDs (12 of each color)
 15,840 LUX (1,765 FC) @3.3' (1m) (46° FULL ON)

Colour Chorus 24™ (96) Total LEDs (24 of each color)
 19,000 LUX (1,765 FC) @3.3' (1m) (46° FULL ON)

Colour Chorus 48™ (192) Total LEDs (48 of each color)
 21,500 LUX (1,997 FC) @3.3' (1m) (65° FULL ON)

Colour Chorus72™ (288) Total LEDs (72 of each color)
 23,000 LUX (2,137 FC) @3.3' (1m) (88° FULL ON)

EFFECTS

Strobe and Chase Effects / Variable Dimming Curves
 Individual Hue, Saturation, Intensity Control

CONTROL / CONNECTIONS

Multiple DMX Channel Modes
 4 Button Control Panel and LCD Menu Display
 ArtNet™ / KlingNET™ / RDM Protocol Support
 (2) RJ45 Ports, 3pin and 5pin DMX In/Out
 powerCON Power In/Out
 Multiple Unit Power Linking

SIZE / WEIGHT

Colour Chorus 12™
 Length: 12.4" (316mm)
 Width: 7.0" (177.1mm)
 Vertical Height: 8.9" (227.1mm)
 Weight: 12.0 lbs. (5.4kg)

Colour Chorus 24™
 Length: 23.8" (604mm)
 Width: 7.5" (194.1mm)
 Vertical Height: 7.6" (192.5mm)
 Weight: 23.0 lbs. (10.4kg)

Colour Chorus 48™
 Length: 46.5" (1182mm)
 Width: 7.5" (194.1mm)
 Vertical Height: 7.6" (192.5mm)
 Weight: 37.0 lbs. (16.8kg)

Colour Chorus72™
 Length: 69.3" (1760mm)
 Width: 7.5" (194.1mm)
 Vertical Height: 7.6" (192.5mm)
 Weight: 53.0 lbs. (24.0kg)

ELECTRICAL / THERMAL

AC 110-250V - 50/60Hz
 5°F to 113°F (-15°C to 45°C)
Colour Chrous 12™ - 105W Max Power Consumption
Colour Chorus 24™ - 200W Max Power Consumption
Colour Chorus 48™ - 446W Max Power Consumption
Colour Chorus 72™ - 630W Max Power Consumption

APPROVALS / RATINGS

CE | cETLus | IP30

PHOTOMETRIC DATA

COLOUR CHORUS 12

	m	ft	m	ft	m	ft	m	ft	m	ft
Distance	1	3.3	2	6.6	3	9.8	4	13.1	5	16.4
20° Beam Diameter	0.35	1.1	0.71	2.3	1.06	3.5	1.41	4.6	1.76	5.8
44° Field Diameter	0.81	2.7	1.63	5.3	2.45	8.0	3.26	10.7	4.11	13.5
Photometrics	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
RED LEDs	2,261	210	696	65	309	29	177	16	110	10
GREEN LEDs	6,940	645	2,019	188	994	92	603	56	366	34
AMBER LEDs	777	72	226	21	109	10	60	6	40	4
BLUE LEDs	5,207	484	1,519	141	710	66	489	45	286	27
FULL ON	15,840	1,472	4,949	460	2,265	210	1,290	120	851	79

COLOUR CHORUS 24

	m	ft	m	ft	m	ft	m	ft	m	ft
Distance	1	3.3	2	6.6	3	9.8	4	13.1	5	16.4
46° Beam Diameter	0.85	2.8	1.7	5.6	2.55	8.4	3.4	11.2	4.24	13.9
57° Field Diameter	1.09	3.6	2.71	8.9	3.28	10.8	4.34	14.2	5.43	17.8
Photometrics	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
RED LEDs	2,810	261	930	86	496	46	297	28	198	18
GREEN LEDs	6,110	568	2,160	201	1,126	105	643	60	437	41
AMBER LEDs	5,760	535	1,930	179	972	90	548	51	368	34
BLUE LEDs	4,550	423	1,570	146	809	75	475	44	317	29
FULL ON	19,000	1,765	6,660	619	3,420	318	1,956	182	1,321	123

COLOUR CHORUS 48

	m	ft	m	ft	m	ft	m	ft	m	ft
Distance	1	3.3	2	6.6	3	9.8	4	13.1	5	16.4
65° Beam Diameter	1.27	4.2	2.55	8.4	3.82	12.5	5.1	16.7	6.37	20.9
79° Field Diameter	1.63	5.3	3.31	10.9	4.96	16.3	6.57	21.6	8.2	26.9
Photometrics	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
RED LEDs	4,320	401	1,710	159	950	88	600	56	370	34
GREEN LEDs	7,520	699	3,740	347	2,110	196	1,335	124	920	85
AMBER LEDs	6,650	618	3,040	282	1,740	162	1,092	101	748	69
BLUE LEDs	4,780	444	2,330	216	1,340	124	858	80	589	55
FULL ON	21,500	1,997	10,860	1,009	6,250	581	3,910	363	2,660	247

COLOUR CHORUS 72

	m	ft	m	ft	m	ft	m	ft	m	ft
Distance	1	3.3	2	6.6	3	9.8	4	13.1	5	16.4
88° Beam Diameter	1.93	6.3	3.87	12.7	5.8	19.0	7.7	25.3	9.64	31.6
96° Field Diameter	2.22	7.3	4.44	14.6	6.59	21.6	8.88	29.1	11.11	36.4
Photometrics	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
RED LEDs	4,570	425	2,620	243	979	91	666	62	479	44
GREEN LEDs	8,640	803	3,970	369	2,440	227	1,670	155	1,200	111
AMBER LEDs	7,320	680	3,320	308	1,980	184	1,330	124	953	89
BLUE LEDs	5,390	501	2,570	239	1,540	143	1,640	152	755	70
FULL ON	23,000	2,137	11,500	1,068	6,990	649	4,760	442	3,390	315

PRODUCT SKUs

ORDER CODE	ITEM
COL012	Colour Chrous 12™
COL024	Colour Chrous 24™
COL048	Colour Chrous 48™
COL072	Colour Chrous 72™

OPTIONAL ACCESSORIES

ORDER CODE	ITEM
TRIGGER CLAMP	Heavy Duty Wrap Around Hook Style Clamp
LSF601	60 x 1 Degree 72"(1829mm) x 3.5"(89mm) Light Shaping Filter
EWDMXSYSTEM	Wireless DMX System (1 Transmitter, 1 Receiver)
AC3PDMX5PRO	5 ft. (1.5m) 3pin PRO DMX Cable
AC5PDMX5PRO	5 ft. (1.5m) 5pin PRO DMX Cable
PLC3	3' (1m) PowerCON PRO Link Cable
CAT005	5' (1.5m) CAT6 Ethercon Cable
	Additional cable lengths available

