



DW CHORUS SERIES™

SKU# (see product SKU table)

The new DW 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 cool and warm white Lumi™ 3W LEDs, 100,000 average hour LED life, 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 Lumi™ Cool White / Warm White LEDs

DW Chorus 12™ (48) Total LEDs

DW Chorus 24™ (96) Total LEDs

DW Chorus 48™ (192) Total LEDs

DW Chorus 72™ (288) Total LEDs

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 11/20/15

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PRODUCT SPECIFICATIONS

SOURCE / PHOTOMETRIC DATA

Individual 3W Cool White / Warm White Lumi™ LEDs
100,000 Hour Average LED Life*

*LED Life may vary depending on several factors including but not limited to: Environmental Conditions, Power/Voltage, Usage Patterns (On-Off Cycling), Control and Dimming.

DW Chrous 12™ (48) Total LEDs - 24 CW + 24 WW
30,340 LUX (2,819 FC) @3.3' (1m) (11° FULL ON)

DW Chrous 24™ (96) Total LEDs - 48 CW + 48 WW
20,570 LUX (1,911 FC) @3.3' (1m) (9° FULL ON)

DW Chrous 48™ (192) Total LEDs - 96 CW + 96 WW
32,644 LUX (3,033 FC) @3.3' (1m) (14° FULL ON)

DW Chrous72™ (288) Total LEDs - 144 CW + 144 WW
37,500 LUX (3,484 FC) @3.3' (1m) (11° FULL ON)

EFFECTS

Strobe and Chase Effects / Variable Dimming Curves

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

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

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

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

DW Chrous72™
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)

DW Chrous 12™ - 120W Max Power Consumption
DW Chrous 24™ - 169W Max Power Consumption
DW Chrous 48™ - 347W Max Power Consumption
DW Chrous 72™ - 510W Max Power Consumption

APPROVALS / RATINGS



PHOTOMETRIC DATA

DW CHORUS 12

Distance	1m	3.3 ft	2m	6.6 ft	3m	9.8 ft	4m	13.1 ft	5m	16.4 ft
11° Beam Diameter	0.19	0.6	0.37	1.2	0.54	1.8	0.72	2.4	0.89	2.9
22° Field Diameter	0.39	1.3	0.75	2.5	1.1	3.6	1.45	4.8	1.8	5.9
Photometrics	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
COOL WHITE	18,060	1,678	5,630	523	2,741	255	1,572	146	1,049	97
WARM WHITE	12,760	1,185	4,035	375	1,948	181	1,115	104	746	69
FULL ON	30,340	2,819	9,635	895	4,581	426	2,746	255	1,745	162

DW CHORUS 24

Distance	1m	3.3 ft	2m	6.6 ft	3m	9.8 ft	4m	13.1 ft	5m	16.4 ft
9° Beam Diameter	0.15	0.5	0.33	1.1	0.5	1.6	0.68	2.2	0.85	2.8
18° Field Diameter	0.38	1.2	0.68	2.2	1.06	3.5	1.36	4.5	1.66	5.4
Photometrics	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
COOL WHITE	23,690	2,201	9,119	847	4,592	427	2,783	259	1,872	174
WARM WHITE	16,680	1,550	6,683	621	3,460	321	2,102	195	1,411	131
FULL ON	20,570	1,911	11,900	1,106	6,047	562	3,660	340	2,444	227

DW CHORUS 48

Distance	1m	3.3 ft	2m	6.6 ft	3m	9.8 ft	4m	13.1 ft	5m	16.4 ft
14° Beam Diameter	0.3	1.0	0.6	2.0	0.98	3.2	1.28	4.2	1.58	5.2
26° Field Diameter	0.47	1.5	0.9	3.0	1.35	4.4	1.79	5.9	2.23	7.3
Photometrics	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
COOL WHITE	24,475	2,274	13,108	1,218	7,283	677	4,598	427	3,072	285
WARM WHITE	15,672	1,456	9,194	854	5,108	475	3,084	287	2,021	188
FULL ON	32,644	3,033	16,842	1,565	9,514	884	5,942	552	3,998	371

DW CHORUS 72

Distance	1m	3.3 ft	2m	6.6 ft	3m	9.8 ft	4m	13.1 ft	5m	16.4 ft
11° Beam Diameter	0.19	0.6	0.37	1.2	0.54	1.8	0.72	2.4	0.89	2.9
17° Field Diameter	0.36	1.2	0.66	2.2	1.04	3.4	1.34	4.4	1.64	5.4
Photometrics	lux	fc	lux	fc	lux	fc	lux	fc	lux	fc
COOL WHITE	30,210	2,807	13,790	1,281	8,716	810	6,068	564	4,350	404
WARM WHITE	21,010	1,952	9,761	907	6,656	618	4,542	422	3,105	288
FULL ON	37,500	3,484	18,050	1,677	11,810	1,097	7,826	727	5,699	529

PRODUCT SKUs

ORDER CODE	ITEM
DWC012	DW Chrous 12™
DWC024	DW Chrous 24™
DWC048	DW Chrous 48™
DWC072	DW 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
EWDMSYSTEM	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

