



## ZCL BAR Z300 IP™

SKU# ZCL324

The ZCL BAR Z300 IP™ is a versatile IP65 rated bar effect luminaire with zoom, (5) individual 60W RGBW 4-in-1 LEDs, and the new advanced collimator optic lens which produces a sharp 4° color-changing beam from each lens. Features include 4° to 44° motorized zoom, strobe and selectable dimming curve effects, 64 color presets, 12 unique program macros, IP rated 5pin DMX and powerCON TRUE1 in/out connections, LCD menu display with (4) touch button control panel, adjustable yoke with rotating floor stands, clamp rigging with optional omega brackets (not included), multiple unit power linking, rugged die-cast aluminum exterior, 2 frost filters and glare shield options included, flicker free operation for TV and FILM, and a multi-voltage universal auto switching power supply (100-240v).



### FEATURES

**Vesatile IP65 Rated Bar Effect Luminaire with Zoom**

**(5) 60W 4-in-1 RGBW LEDs**

**Sharp 4° Color Changing Beams**

**New Advanced Collimator Optic Lens**

**4° to 44° Motorized Zoom and Full Pixel Control**

**Electronic Strobe and Selectable Dimming Curve Effects**

**64 Color Presets and 12 Unique Program Macros**

**DMX, RDM (Remote Device Management)**

**Flicker Free Operation for Broadcast TV and FILM**

**Rugged Die-Cast Aluminum Exterior**

**Glare Shield and Frost Filter Accessories Included**



ELATION | ZCL BAR Z300 IP™ | Product Specification Sheet

Specifications are subject to change without notice ©Elation Professional 03/23/17

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**PRODUCT SPECIFICATIONS**

**SOURCE**

(5) 60W 4-in-1 RGBW LEDs  
100,000 Hour Average LED Life\*

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

**PHOTOMETRIC DATA**

36,436 LUX 3,385 FC @6.6' (2m) (4° Min Zoom Full ON)  
3,100 LUX 288 FC @6.6' (2m) (44° Max Zoom Full ON)

**COLOR**

RGBW

**EFFECTS**

RGBW Color Mixing and Full Pixel Control and Pixel Flip  
4° to 44° Motorized Zoom  
64 Color Presets and 12 Unique Program Macros  
Electronic Strobe and Selectable Dimming Curves

**CONTROL / CONNECTIONS**

(7) DMX Channel Modes (29 Total Channels)  
RDM (Remote Device Management)  
(4) Button Touch Control Panel  
IP Rated 5pin DMX and powerCON TRUE1 In/Out

**SIZE / WEIGHT**

Length: 26.4" (670mm)  
Width: 6.2" (157.8mm)  
Horizontal Height: 11.7" (297.6mm)  
Weight: 43.0 lbs. (19.5 kg)

**ELECTRICAL / THERMAL**

AC 110-240V - 50/60Hz  
390W Max Power Consumption  
Multiple Unit Power Linking  
5°F to 113°F (-15°C to 45°C)

**INCLUDED ITEMS**

Glare Shield, (2) Frost Lens Filters,  
powerCON TRUE1 Cable

**APPROVALS / RATINGS**



**Optional Omega Brackets For Clamps  
(not included)**

**OPTIONAL ACCESSORIES**

ORDER CODE	ITEM
<b>TRIGGER CLAMP</b>	Heavy Duty Wrap Around Hook Style Clamp
<b>805000053</b>	Omega Bracket (107mm)
<b>NEU088</b>	3 ft. (1m) PowerCON TRUE1 Power Link Cable
<b>EWDD01</b>	EWDMX IP Wireless IP65 DMX Transceiver
	Additional cable lengths available

**PHOTOMETRIC DATA**

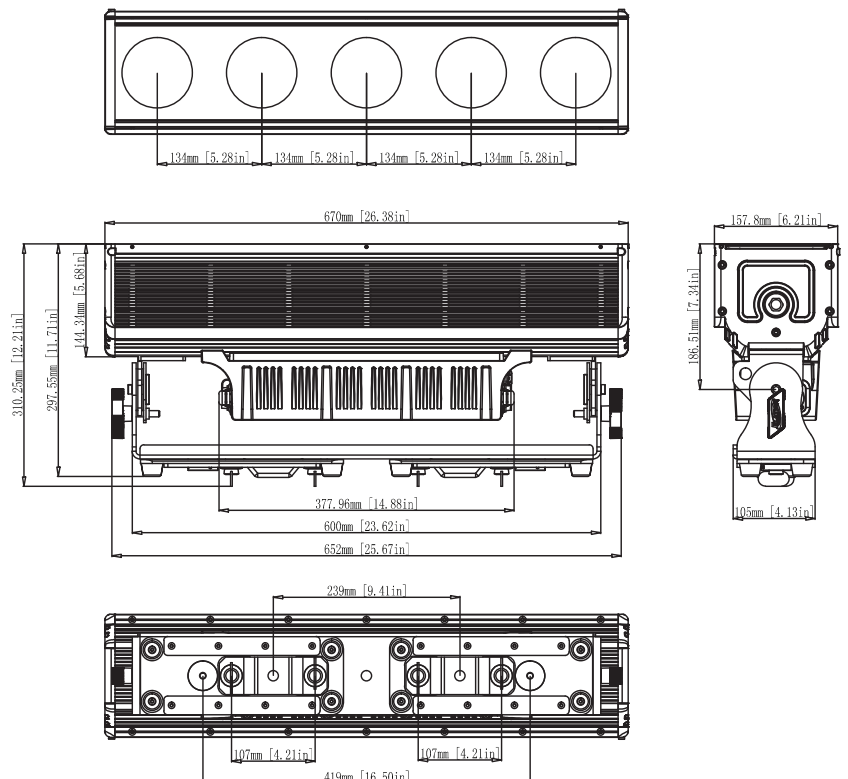
**MIN ZOOM - 4° Beam Diameter**

	2 m	6.6 ft	3 m	9.8 ft	4 m	13.1 ft	5 m	16.4 ft
<b>4° Beam Diameter</b>	0.15	0.5	0.24	0.8	0.33	1.1	0.41	1.3
<b>9° Field Diameter</b>	0.33	1.1	0.5	1.6	0.68	2.2	0.85	2.8
	<b>lux</b>	<b>fc</b>	<b>lux</b>	<b>fc</b>	<b>lux</b>	<b>fc</b>	<b>lux</b>	<b>fc</b>
<b>RED LEDs</b>	8,130	755	5,224	485	3,186	296	2,322	216
<b>GREEN LEDs</b>	10,621	987	6,418	596	5,928	551	4,087	380
<b>BLUE LEDs</b>	2,471	230	1,666	155	1,179	110	928	86
<b>WHITE LEDs</b>	20,111	1,868	11,640	1,081	8,523	792	6,602	613
<b>FULL ON</b>	36,436	3,385	24,372	2,264	16,725	1,554	12,872	1,196

**MAX ZOOM - 44° Beam Diameter**

	2 m	6.6 ft	3 m	9.8 ft	4 m	13.1 ft	5 m	16.4 ft
<b>44° Beam Diameter</b>	1.64	5.4	2.47	8.1	3.29	10.8	4.12	13.5
<b>70° Field Diameter</b>	2.8	9.2	4.2	13.8	5.6	18.4	7	23.0
	<b>lux</b>	<b>fc</b>	<b>lux</b>	<b>fc</b>	<b>lux</b>	<b>fc</b>	<b>lux</b>	<b>fc</b>
<b>RED LEDs</b>	574	53	245	23	148	14	94	9
<b>GREEN LEDs</b>	969	90	448	42	246	23	173	16
<b>BLUE LEDs</b>	186	17	81	8	47	4	31	3
<b>WHITE LEDs</b>	1,625	151	723	67	422	39	253	24
<b>FULL ON</b>	3,100	288	1,370	127	812	75	512	48

**DIMENSIONAL DIAGRAMS**



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