

Date: _____ Type: _____

Project: _____

LIGHT WAVE BAR



Sporting a completely redesigned housing, this LED fixture uses high performance low-profile LEDs for creating rich, uniform color in wall-washing, up-lighting, and backlighting applications. Various optic choices and industrial grade quality allows for reliability and flexibility.

Technical Specifications

Model number	LWB-RGB	
Output	Beam Spread(s)	8°, 24°, 48°, 120°
	Lumens	See photometric information.
	Color Range	16.7 million additive RGB colors
	Lumen Depreciation	75,000 hours with 30% lumen depreciation
Electrical	Input Voltage	24VDC
	Power Consumption	36W maximum at full unbalanced white output
	Remote Distance	Maximum of 150'-0" (45.7 m) with 8 AWG (to last fixture)
Physical	Dimensions	12.0 x 3.0 x 5.0 in (304.8 x 76.2 x 128.0 mm)
	Weight	6.1 lbs (2.77 kg)
	Housing	Aluminum with a powder coat grey finish
	Fixture Lead Length	Single 6'-0" ft (1.83 m)
	Mounting	180°, multi-positional, central pivot, locking bracket
	Operating Temperature	-7.6 to 131°F (-22°C to 55°C)
Control	Interface	DMX512
	Control System	Illumivision control sources or compatible third-party DMX512 control
Certification and Safety	Certification	UL 2108, CSA C22.2.2 NO. 250.0-04
	Environment	Dry/Damp/Wet Location, IP66
Accessories	Shield (sold separately)	Half Top Hat (LWB-HTH)

Due to continuous improvements and innovations, specifications may change without notice.

Standard order code (Use only the **bolded text** in your code)

<p>Product</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">LWB</div> <p>LWB (Light Wave Bar)</p>	<p>Output</p> <div style="border: 1px solid black; padding: 5px; display: inline-block;">RGB</div> <p>RGB (Color Changing)</p>	<p>Beam Spread</p> <div style="border: 1px solid black; padding: 5px; display: inline-block; width: 40px; height: 20px; margin: 0 auto;"></div> <p>008 (8-Degree) 024 (24-Degree) 048 (48-Degree) 120 (120-Degree)</p>
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LIGHT WAVE BAR

Photometrics

Illuminance at Distance (Lumen measurements all comply with IES LM-79-08)

Center Beam FC	Beam Width	Center Beam FC	Beam Width	Center Beam FC	Beam Width
36'-0"	2.3 fc	30'-0"	1.0 fc	18'-0"	1.0 fc
30'-0"	3.3 fc	24'-0"	1.5 fc	12'-0"	2.4 fc
24'-0"	5.1 fc	18'-0"	2.6 fc	6'-0"	9.6 fc
18'-0"	9.0 fc	12'-0"	5.9 fc		
12'-0"	20.3 fc	6'-0"	25.6 fc		
6'-0"	81.2 fc				

LED	Lumens	Watts	Efficacy
RGB	294	36	8.2

LED	Lumens	Watts	Efficacy
RGB	238	36	6.6

LED	Lumens	Watts	Efficacy
RGB	267	36	7.4

Center Beam FC	Beam Width
12'-0"	0.7 fc
6'-0"	2.8 fc

LED	Lumens	Watts	Efficacy
RGB	277	36	7.7

For lux multiply fc by 10.7

Physical Dimensions

For detailed product drawings, please refer to Light Wave Bar at www.illumivision.com/products/rgb/light_wave_bar

