



Planar Luminate Ultra W Complete UHD 231

Outdoor MicroLED Video Wall

The Planar® Luminate™ Ultra W Complete UHD 231 is a 4K resolution, 231" outdoor MicroLED video wall that includes everything an organization needs to deliver large-format beautiful video and imagery, in less time and with less effort. The solution comes with MicroLED display cabinets, wall mounts, trim, a full-featured video controller, cables and spare modules all included.



SPECIFICATION	DETAIL
Model	Planar Luminate Ultra W Complete UHD 231
Part Number	998-4018-00
Controller	Colorlight Z5
Display Technology	MicroLED
Display Size Diagonal	231 inches
Display Size (with mounts)	5120.64 x 2865.12 x 95.5mm 201.6 x 112.8 x 3.76in
Pixel Pitch	1.3 mm
Display Resolution	3840x2160
Display Weight	1131 lbs
Power Consumption, Maximum (watts)	13440
Brightness Max, Calibration On (cd/sq)	3000
Supported Frame rate	50&60
Color Temperature(K)	3000-10000 adjustable
Luminance Variation (Uniformity – White)	97%

Contrast	10000:1
Viewing Angle (50% of brightness)	>170° horizontal; >170° vertical
Front Access Install/Service	Yes
Refresh Rate	3840hz
Operating Temperature/Humidity (degrees F/C, relative humidity)	-20° to 50° C -4° to 122° F (10-80% RH, non-condensing)
Storage Temperature/Humidity (degrees F/C, relative humidity)	-35° to 60° C -31° to 140° F (10-85% RH, non-condensing)
IP Rating	65 Front and back
Video input resolution	4096x2160
Runtime Duty Cycle (Hours/Day)	24x7
HDMI statement	Planar utilizes HDMI® standards in this product. The terms HDMI, HDMI High-Definition Multimedia Interface, HDMI Trade dress and the HDMI Logos are trademarks or registered trademarks of HDMI Licensing Administrator, Inc.

For more information, please visit www.planar.com

Specifications are subject to change without notice.

Specification Report Date: 6/15/2025

© Copyright 2025 Planar Systems, Inc. All rights reserved