Stage 10

Description
XR Stage, LED Stage, Soundproof, 8K Resolution Wall, Unreal RX Servers, and stYpe RedSpy

Size
5,000 SQF
W50' D100' H28'

Infinite Reality Studios Virtual Production Stage

We are thrilled to introduce Infinite Reality's state-of-the-art XR + LED stage. Our LED volume installation, powered by Unreal Engine, was built per the filming specifications of the American Society of Cinematographers (ASC), Netflix, and most other major streaming platforms.

XR, better known as extended reality, is an immersive virtual production solution powered by game engine mechanics and is quickly becoming the gold standard for capturing talent in a stage environment. With an 8K Wide display resolution wall, nDisplay, Novastar Processor, integrated stYpe RedSpy, and the latest Absen PL2.5 tiles, it is possible to create any environment imaginable.

Between the time, travel, and financial savings that come from bringing multiple locations into one space without the costly and time-consuming build and the limitless creative capabilities, XR is redefining the next generation of content production.

Details

- 5,000 SQF Stage
- W50' D100' H28'
- Sound Proof
- Concrete Floors (Default Black)
- Permanent LED Wall and Ceiling
- PL2.5 Pro Absen Tiles
- Novastar Processors
- Dedicated Unreal Servers
- stYpe RedSpy
- Internal elephant door linkage to motion capture Stage 11
- Dedicated ethernet access up to 1 Gbps available*
- Direct Access to Backlot

Stage 10 Plan

XR Stage

Features

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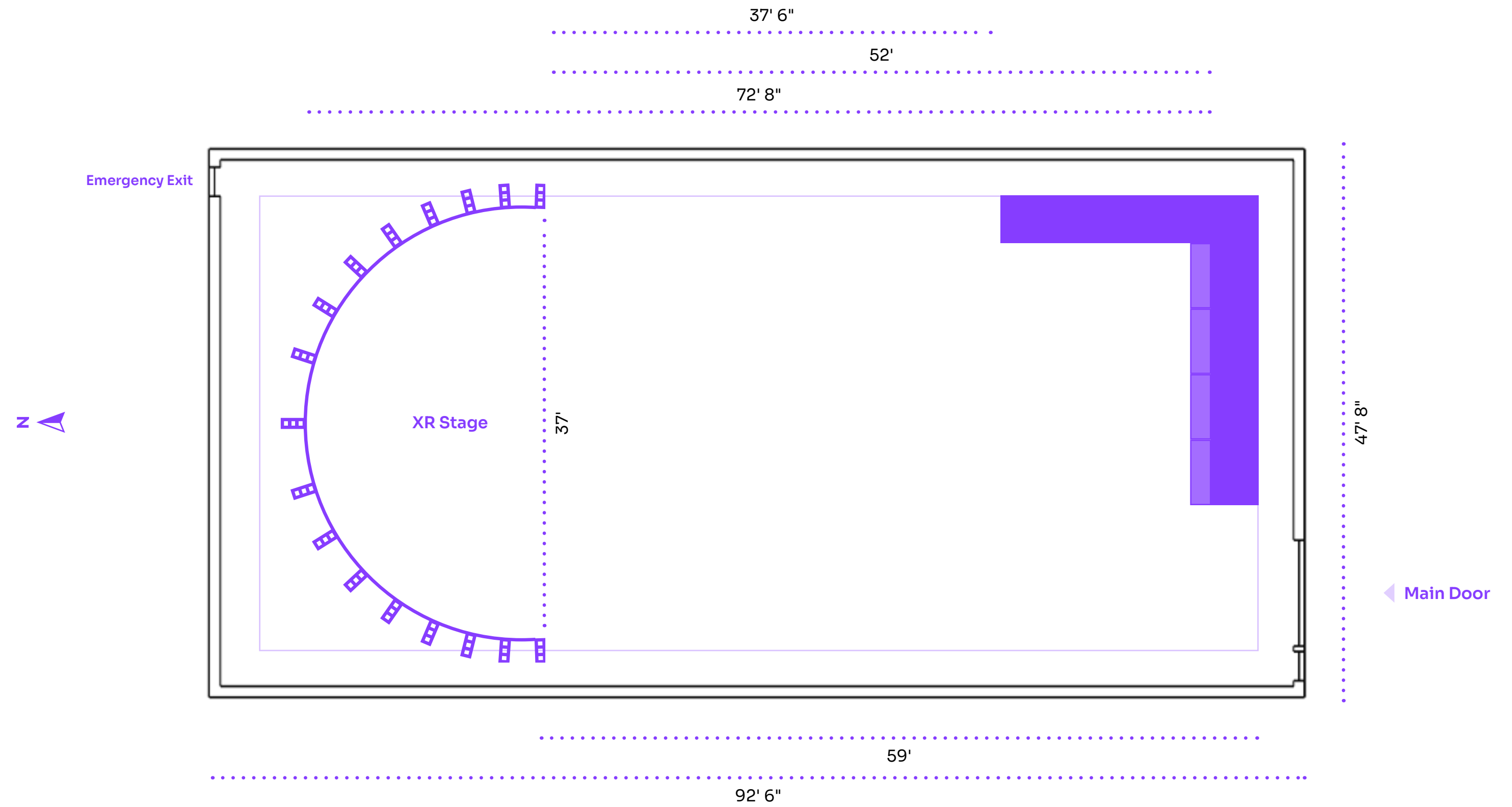- Direct Access to Backlot

Description
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Size
5,000 SQF
W50' D100' H28'

37' 6"

52'

72' 8"

Emergency Exit

47' 8"

N

XR Stage

37'

Main Door

59'

92' 6"

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Stage 10 Iso

XR Stage

Description
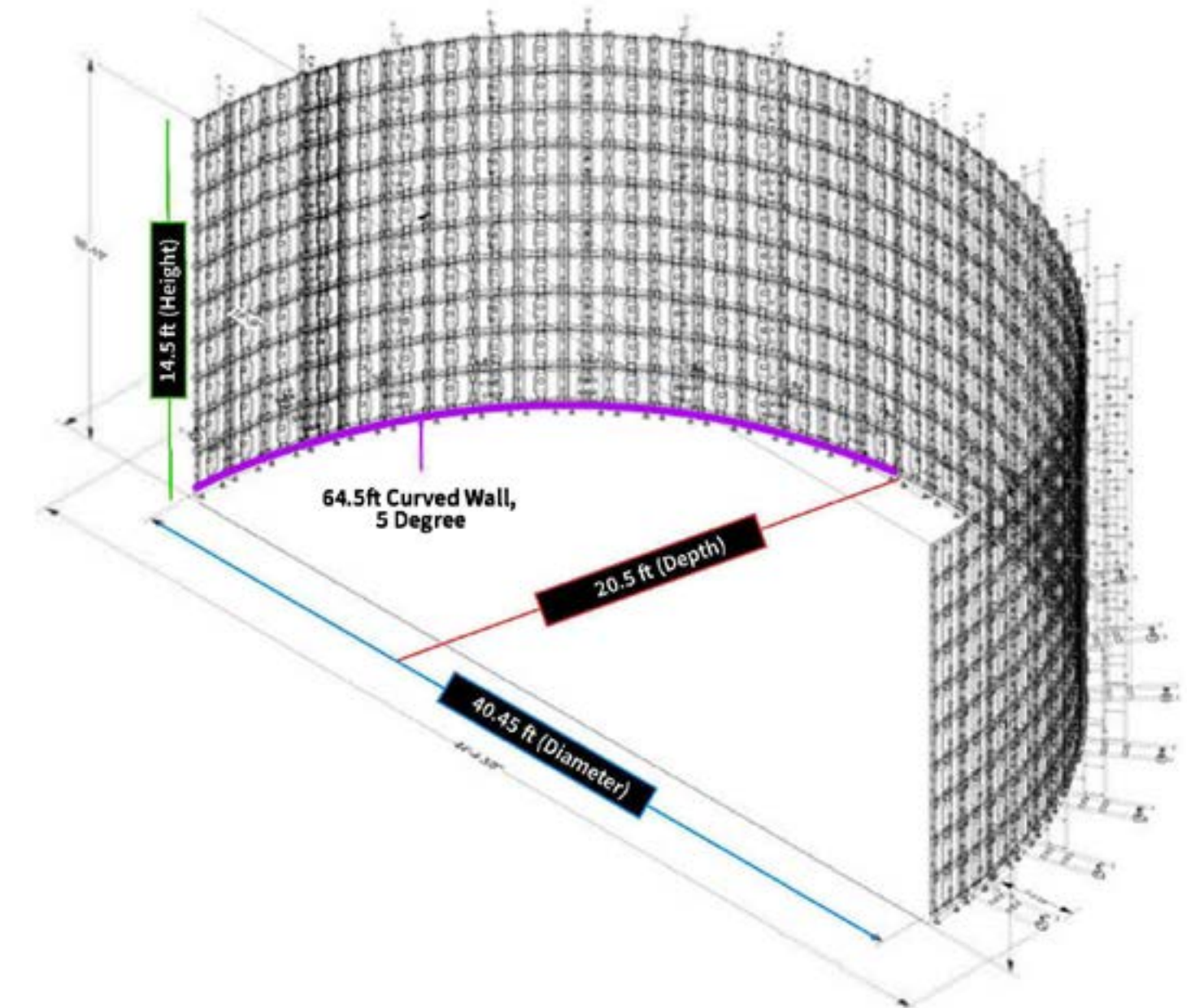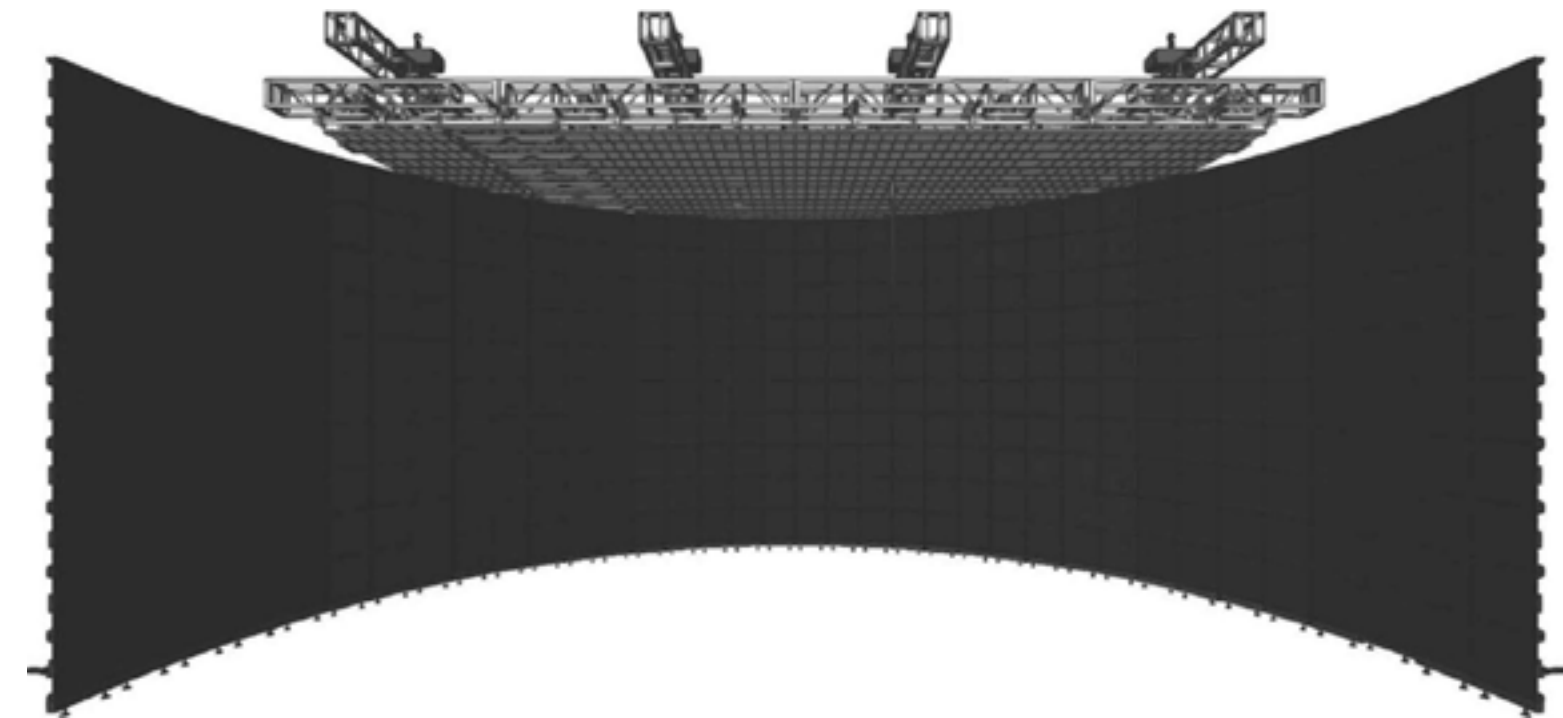XR Stage, LED Stage, Soundproof, 8K Resolution Wall, Unreal RX Servers, and stYpe RedSpy

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LED Wall Volume Specs

	Parameter	Value
General LED Wall Details	LED Volume Length	64 ft.
	Curve Degree	5°
	Center Depth	20.5 ft.
	Volume Resolution (Pixels / Bits)	7600 x 2000 DX/10 bit
Physical Parameters	LED Type	Black SMD 3in1 1515
	Pixel Pitch (mm)	2.5
	Panel Dimensions (WxHxD)/(mm)	500 X 500 X 88
	Pixel Per Panel	200 X 200
	Panel Weight (kg)	8.6
	Panel Material	Die Casting Aluminum
	Module Dimensions (WxH)/(mm)	250x250
Optoelecronic Parameter	Brightness (nit)	1500
	Refresh Rate (Hz)	3840
	Gray Scale (Bit)	16
	Contrast Ratio	8800:1
	Color Temperature (K)	6500
	Viewing Angle (H/V)(°)	160/140
	Driving Type	1/20
	AC Operating Voltage (V)	100-240
	Power Consumption (Max./Avg.)(W/m2)	680/230
Application Parameter	Storage Temperature (0C)	-40° to +60°
	Operating Temperature (0C)	-10° to +40°
	Storage Humidity (RH)	10% ~ 90%
	Operating Humidity (RH)	10% ~ 90%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging Qty.	20
	Certificate	ETL,CE,ROHS,FCC
Processors Information	Processors / qty.	NovaStar Mx40 / 2

LED Ceiling Specs

	LED Ceiling Specs Parameter	Value
Physical Parameters	LED Type	SMD 3in1 1515
	Pixel Pitch (mm)	4.68
	Panel Dimensions (WxHxD)/(mm)	600 x 600 x 100
	Pixel Per Panel	128 x 128
	Panel Weight (kg)	7600 x 2000 DX/10 bit
	Panel Material	5.4
	Module Dimensions (WxH)/(mm)	Die Casting Aluminum
	LED Ceiling Resolution (Pixels / Bits)	300 x 300
	Max Height from Floor	2048x896 px/10 bit
Optoelecronic Parameter	Brightness (nit)	3000
	Refresh Rate (Hz)	3840
	Gray Scale (Bit)	16
	Contrast Ratio	10000:1
	Color Temperature (K)	6500
	Viewing Angle (H/V)(°)	160/140
	Driving Type	1/8
	AC Operating Voltage (V)	100 ~ 240
	Power Consumption (Max./Avg.)(W/m2)	379/126
Application Parameter	Storage Temperature (°C)	-40° to +60°
	Operating Temperature (0C)	-10° to +40°
	Storage Humidity (RH)	10% ~ 90%
	Operating Humidity (RH)	10% ~ 90%
	IP Rating (Front/Rear)	IP40/IP21
	Module Maintenance	Front or Rear
	PSU & Others Maintenance	Rear
	Panel Installation Type	Hanging/Stacking
	Max Rigging Qty.	20
	Certificate	ETL,CE,ROHS,FCC
Motorized Mount	Motorized Track	Yes
	Motorized Track Functions	Can move up, down and away to reduce or increase light and reflections.

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14.5ft (Height)
64.5ft Curved Wall, 5 Degree
20.5 ft (Depth)
40.45 ft (Diameter)

Stage 10 Highlights
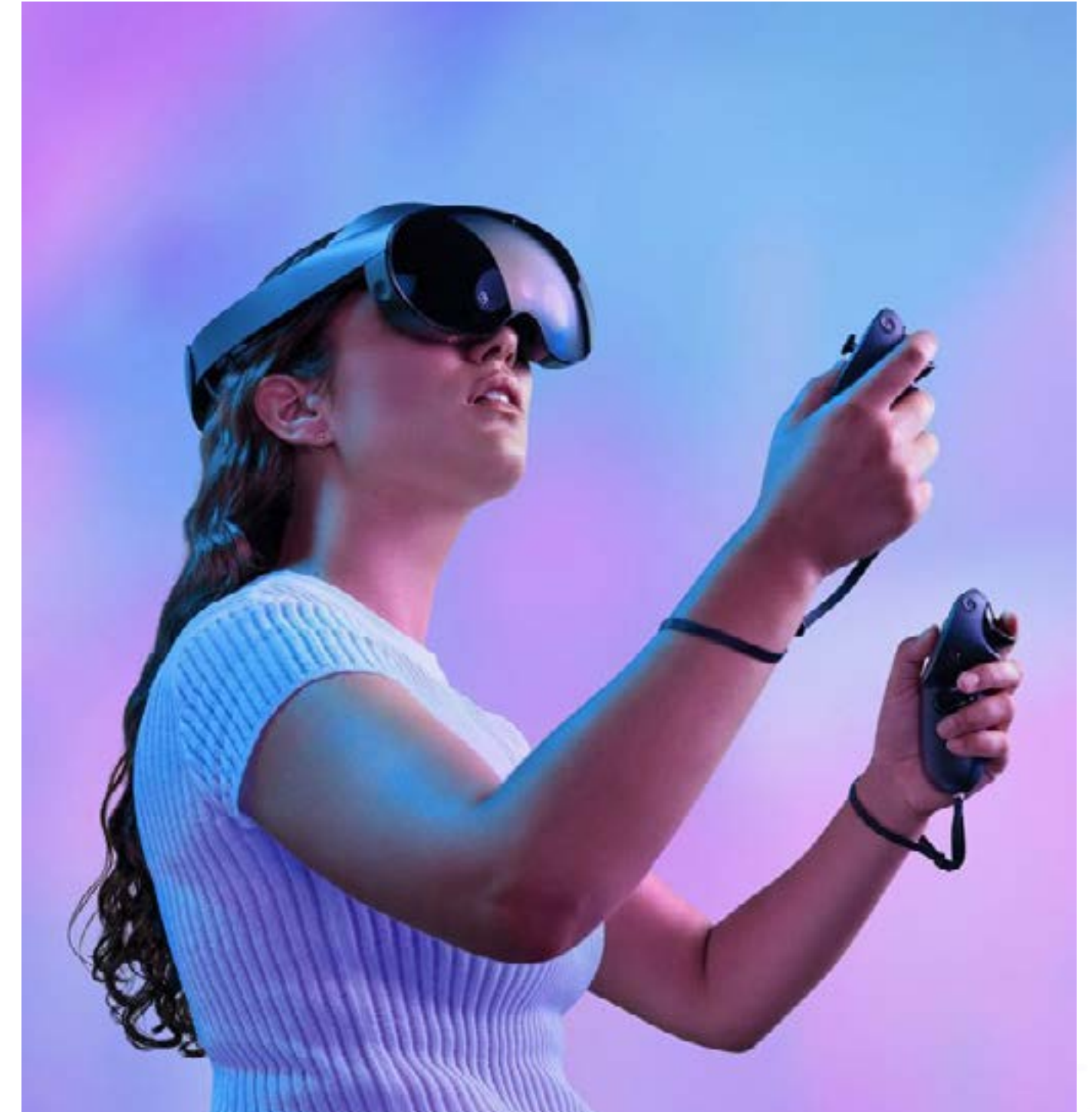
XR Stage

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Selected Clients