



MEDIAMESH®

LED Technology
woven to perfection





MEDIAMESH® is the premium transparent display solution

From concept to installation, **MEDIAMESH®** is the all-in-one solution for large scale, transparent energy efficient LED displays.

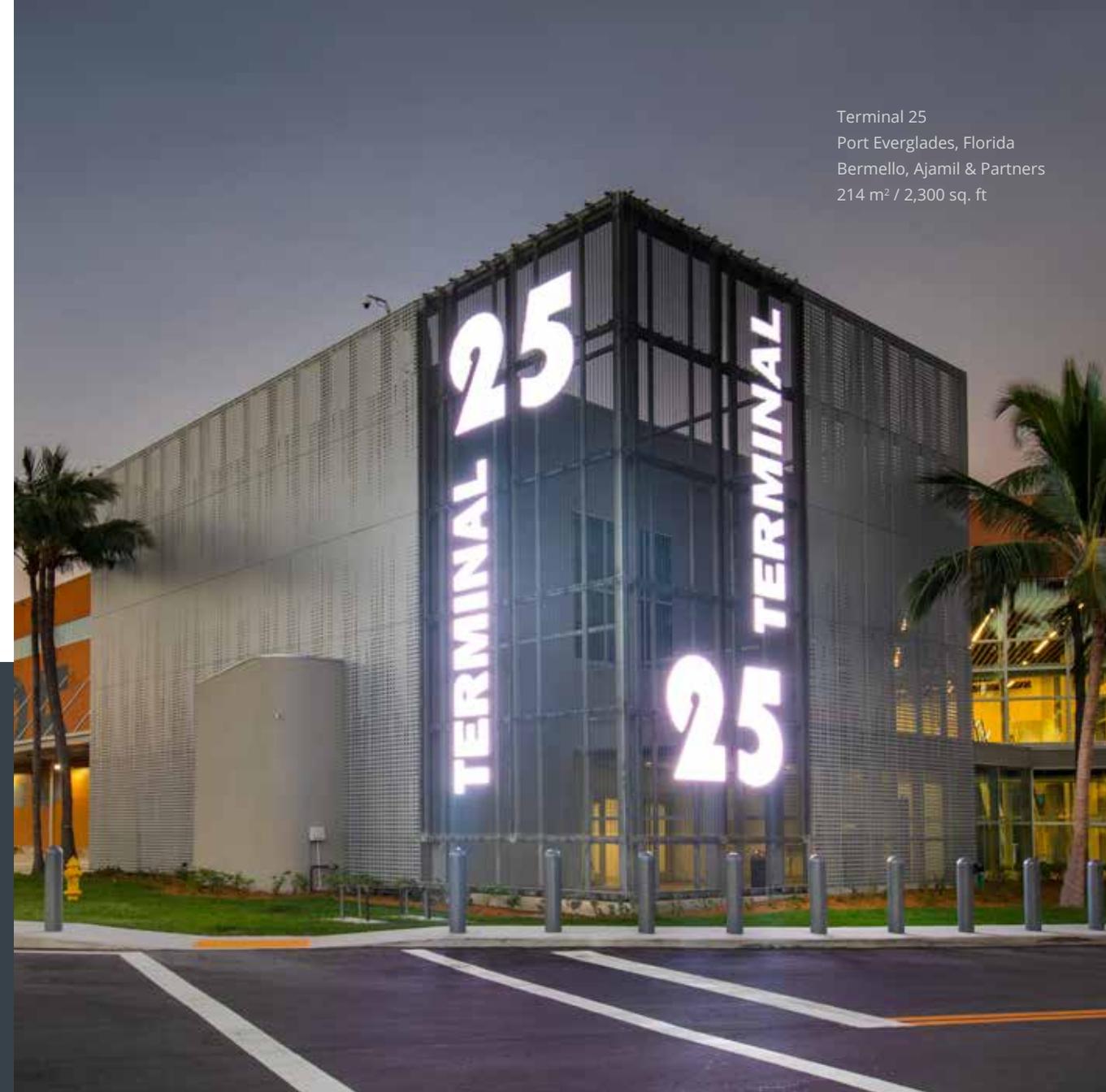
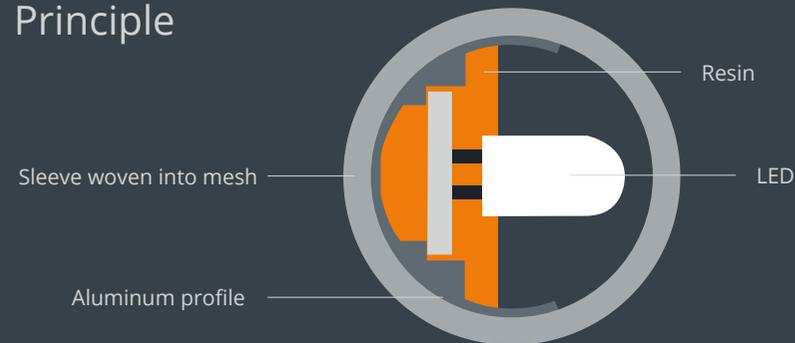
We offer customers our in-house services which include:

- ◆ Design and Engineering
- ◆ Project Management
- ◆ Installation
- ◆ Maintenance
- ◆ Technical support
- ◆ Extended service options

MEDIAMESH® provides:

- ◆ A patented system of LED technology integrated into robust stainless steel metal fabric.
- ◆ Exceptionally deep color palette and remarkable brilliance.
- ◆ Vertical resolution adjustable in 10 mm / 0.4 inch increments from 40 mm / 1.6 inch spacing and upward.
- ◆ Horizontal resolution standard at 25 / 1 inch and 42.5 mm / 1.7 inch horizontal pixel spacing.
- ◆ Control system for graphics, animations, video clips and real-time data feeds.
- ◆ Automatically adjusted brightness to match lighting conditions.
- ◆ Profile is less than 25 mm / 1 inch thick.
- ◆ IP66 rated for operation in all exterior climates.
- ◆ High quality LED diodes with more than 90,000+ hours of high performance.
- ◆ GKD has the flexibility to angle LEDs 0-20 degrees up or down, targeting the ideal viewing location.

Construction Principle



Terminal 25
Port Everglades, Florida
Bermello, Ajamil & Partners
214 m² / 2,300 sq. ft



Cleveland Institute of Art
Cleveland, Ohio
Stantec
144 m² / 1,550 sq ft.

Product benefits

Sustainability and Transparency

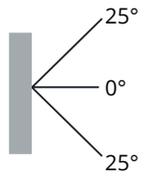
- ◆ Can replace the LED lights after a useful life, and the stainless steel mesh is re-used.
- ◆ Natural daylighting and ventilation to the building surfaces.
- ◆ Digital media platform with up to 60% transparency.
- ◆ Views of the building's unique architectural elements.
- ◆ Facilitates an enhanced level of "Indoor Environmental Quality" by connecting occupants between indoor and outdoor spaces through daylight and views.

Supergraphics Display

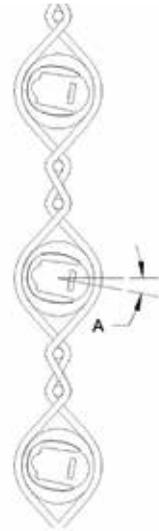
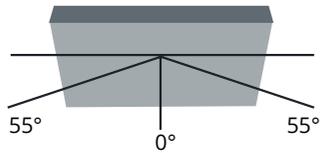
- ◆ Average installations approximately four times the size of traditional billboards.
- ◆ Larger format allows a longer and broader viewing range and greater message rotation.
- ◆ Supports a wide range of media allowing owners to promote advertising and to convey real-time conditions, promotions, public safety, news and weather.
- ◆ Dynamic media presentation will draw attention and transform a building into a media icon.
- ◆ Available in different versions to suit the design and customers needs.

Viewing Angles and Rotation

Vertical viewing angle



Horizontal viewing angle

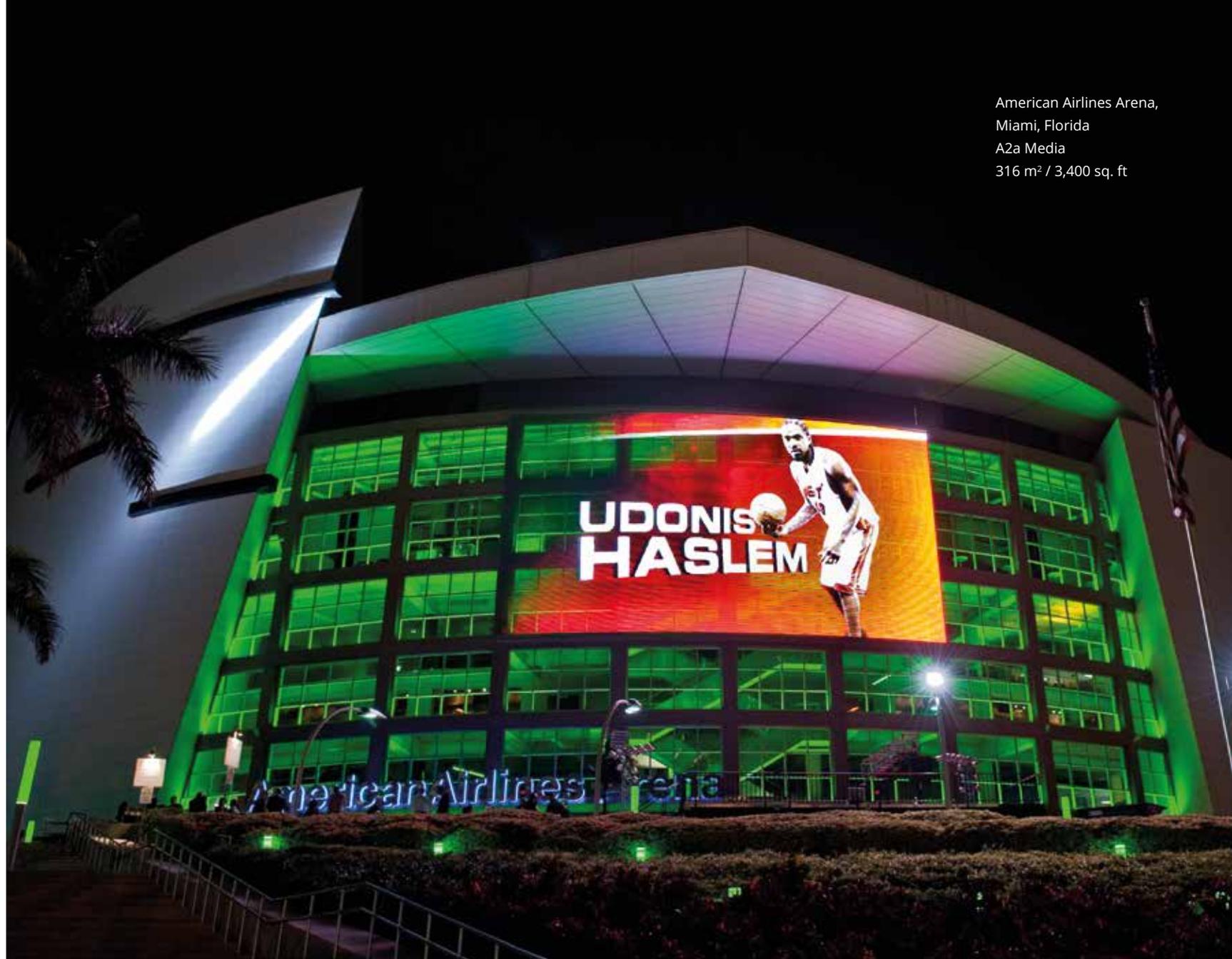


GKD provides state-of-the-art transitions from indirect to direct viewing angles. Clear, crisp, and consistent imagery.

A = angle of LED tube

GKD has the flexibility to angle LEDs 0-20 degrees up or down, targeting the ideal viewing location. The result is clear, crisp and more color consistent images from all angles.

American Airlines Arena,
Miami, Florida
A2a Media
316 m² / 3,400 sq. ft



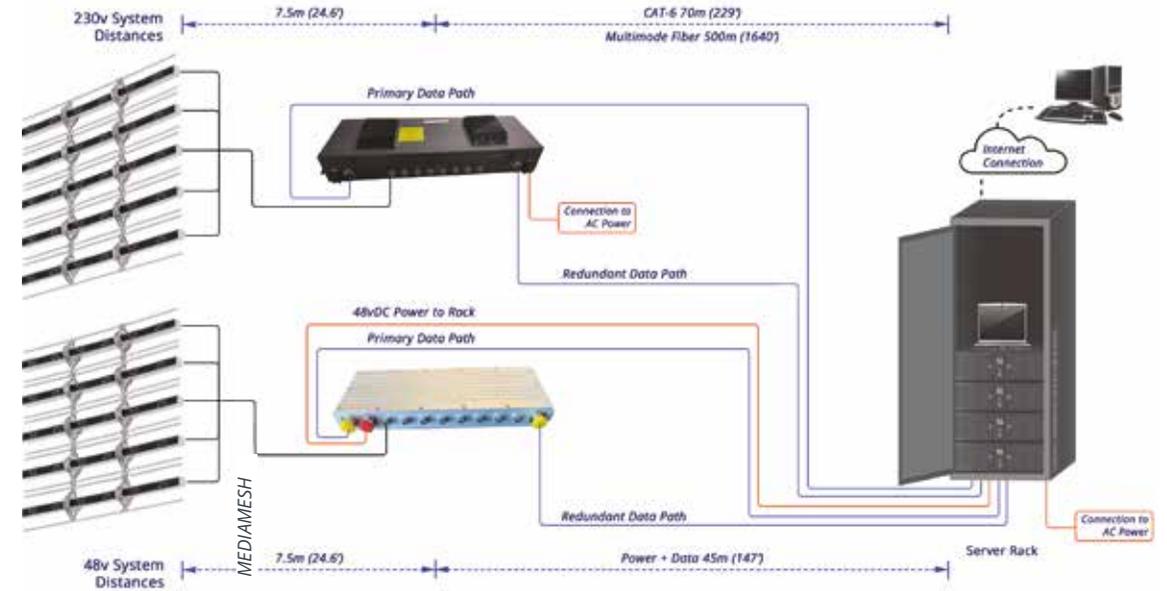
Specifications and Values

MEDIAMESH 42.5 mm Platform

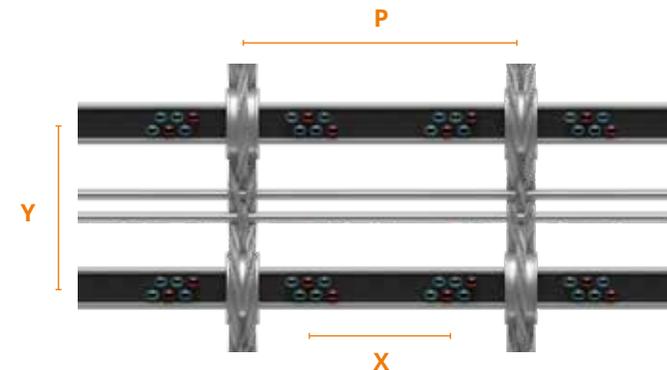
PRODUCT	V4 x H4,25	V5 x H4,25	V6 x H4,25
Vertical LED Pitch	40 mm	50 mm	60 mm
Horizontal LED Pitch	42.5 mm	42.5 mm	42.5 mm
NITs	6400 - 7650	5100 - 6150	4250 - 5100
Open Area	56%	57.50%	59%
Viewing Distance	28 meters / 91.84 ft	35 meters / 114.8 ft	42 meters / 137.76 ft
Weight	9.66 kg/m ² (1.98 lb/ft ²)	9.08 kg/m ² (1.86 lb/ft ²)	8.64 kg/m ² (1.77 lb/ft ²)
Rods	1	2	3

MEDIAMESH 25 mm Platform

PRODUCT	V4 x H2.5	V5 x H2.5	V6 x H2.5
Vertical LED Pitch	40 mm	50 mm	60 mm
Horizontal LED Pitch	25 mm	25 mm	25 mm
NITs	5400 - 6500	4350 - 5200	3600 - 4350
Open Area	56.80%	58.60%	59.80%
Viewing Distance	24 meters / 78.73 ft	30 meters / 98.42 ft	36 meters / 118.11 ft
Weight	9.52 kg/m ² (1.95 lb/ft ²)	8.93 kg/m ² (1.83 lb/ft ²)	8.5 kg/m ² (1.74 lb/ft ²)
Rods	1	2	3



GKD Mediamesh® 230V & 48V SYSTEM DIAGRAMS



P = cable pitch
X = horizontal pixel spacing
Y = vertical pixel spacing

prolux

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GKD – Gebr. Kufferath AG

Technical weavers for industry and architecture

architecture.gkd-group.com
