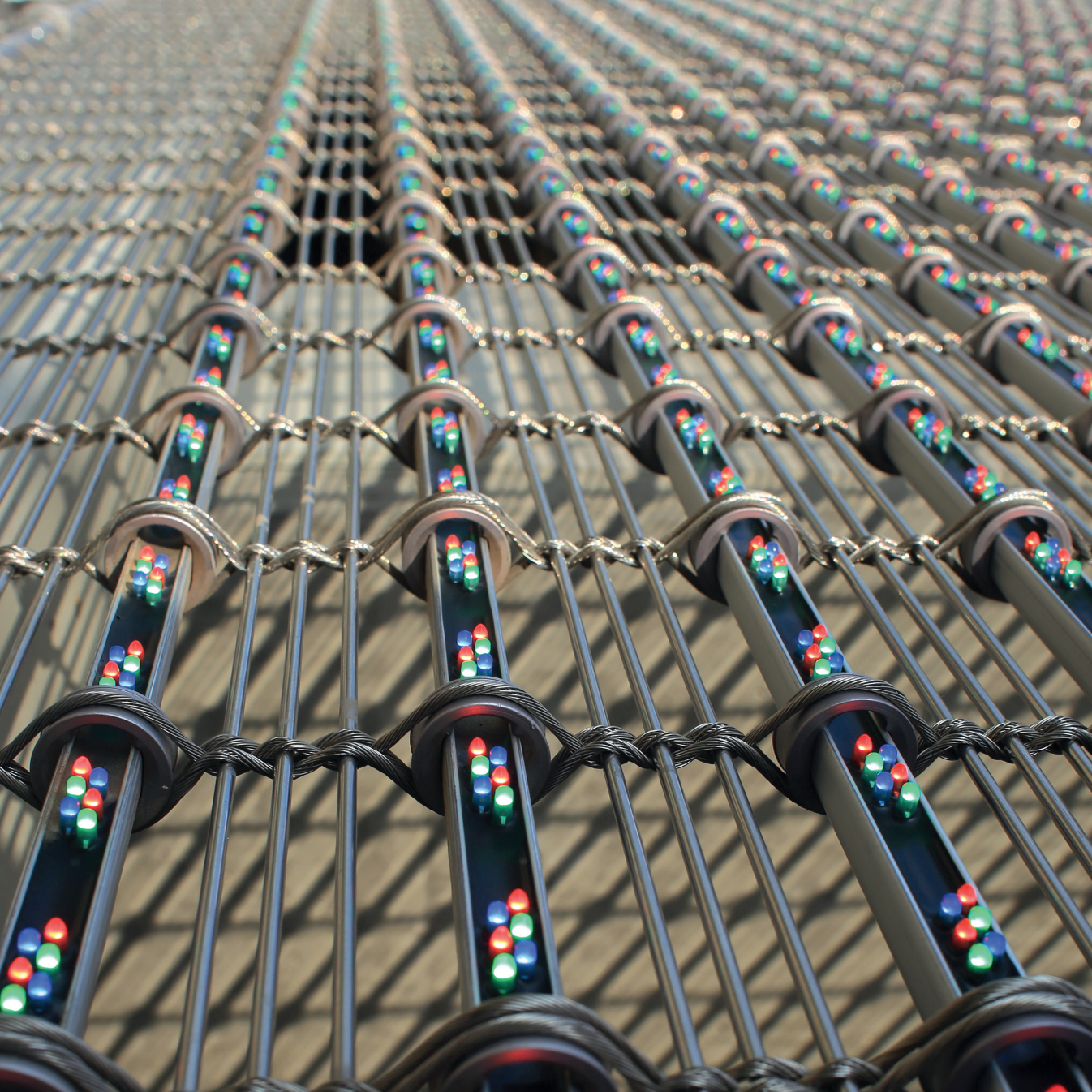


MEDIAMESH®

LED Technology
woven to perfection





GKD MEDIAMESH is the premium transparent display solution

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

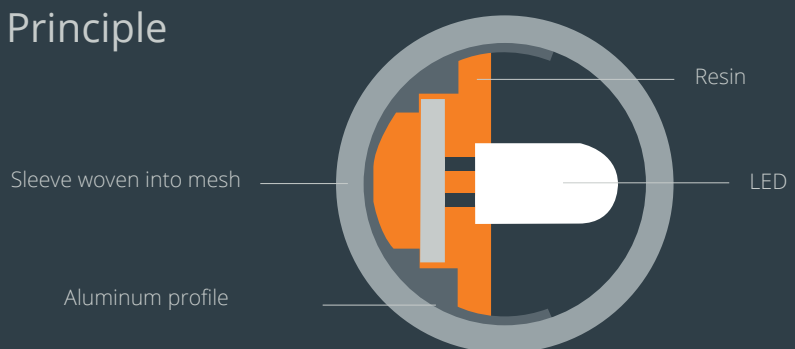
We offer customers our in-house services which include:

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

MEDIAMESH provides:

- A system of LED technology integrated into robust stainless steel metal fabric.
- Exceptionally deep color palette and remarkable brilliance.
- Vertical resolution available in 40mm, 50mm, and 60mm pixel spacing.
- Horizontal resolution available in 25mm and 42.5mm 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 1inch (25mm) 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





INSPYRE Innovation Center
Syracuse, New York
QPK Design
809 sq. ft



West Virginia Travel Plaza - Beckley
Beckley, West Virginia
HNTB
769 sq ft.

Product benefits

Sustainability and Transparency

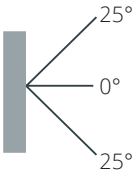
- Can replace the LED lights after a useful life, and the stainless steel mesh is re-used.
- Natural daylighting and ventilation to the building surfaces.
- Digital media platform with up to 60% transparency.
- Views of the building's unique architectural elements.
- Over 50% in energy savings when compared to a traditional display
- Facilitates an enhanced level of "Indoor Environmental Quality" by connecting occupants between indoor and outdoor spaces through daylight and views.

Supergraphics Display

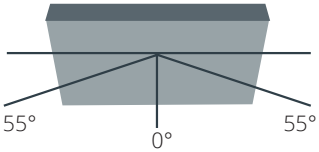
- Average installations approximately four times the size of traditional billboards.
- Larger format allows a longer and broader viewing range and greater message rotation.
- Supports a wide range of media allowing owners to promote advertising and to convey real-time conditions, promotions, public safety, 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.

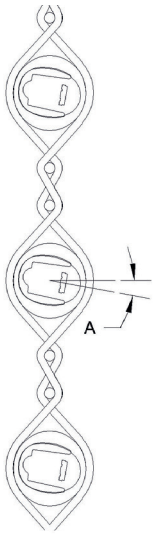
Viewing Angles and Rotation*

Vertical viewing angle (LED Diode)



Horizontal viewing angle (LED Diode)





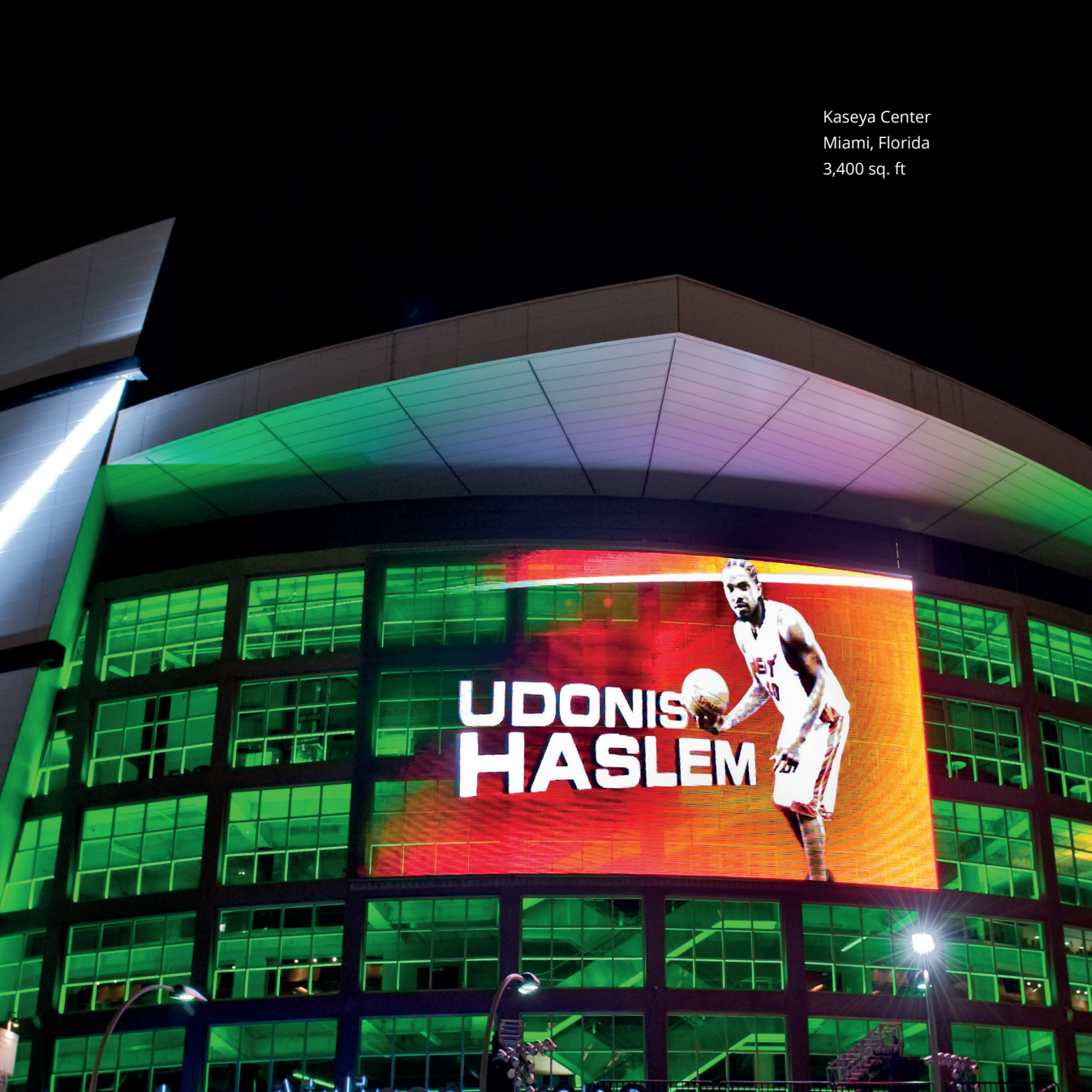
GKD provides state-of-the-art transitions from indirect to direct viewing angles. Clear, crisp, and consistent imagery.

***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.

**These calculations are for 42.5mm platform*





Kaseya Center
Miami, Florida
3,400 sq. ft

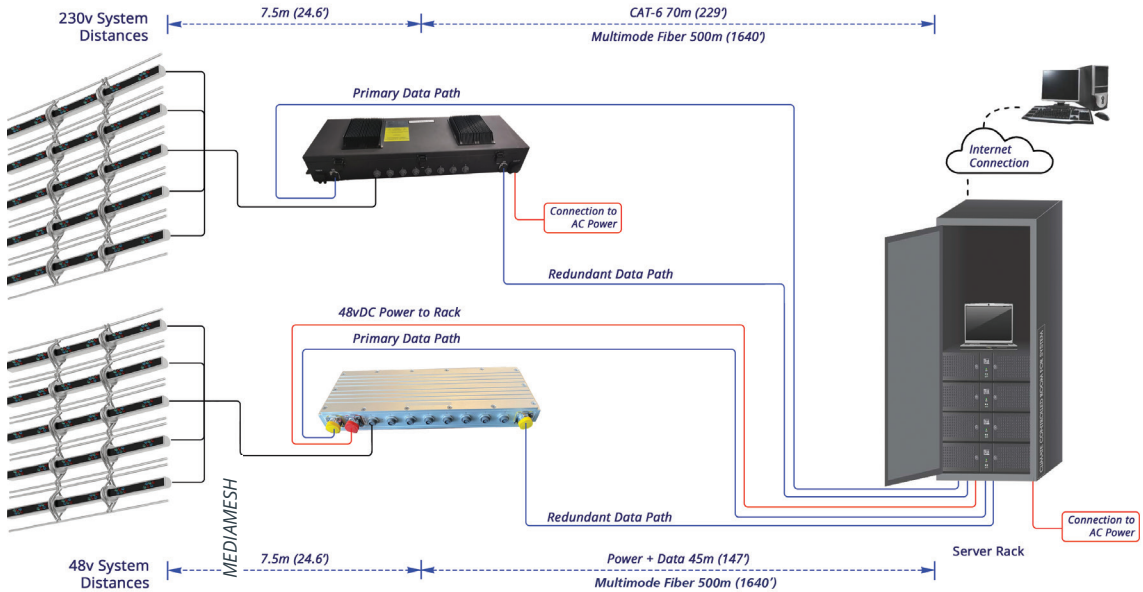
Specifications and Values

MEDIAMESH 42.5 mm Platform

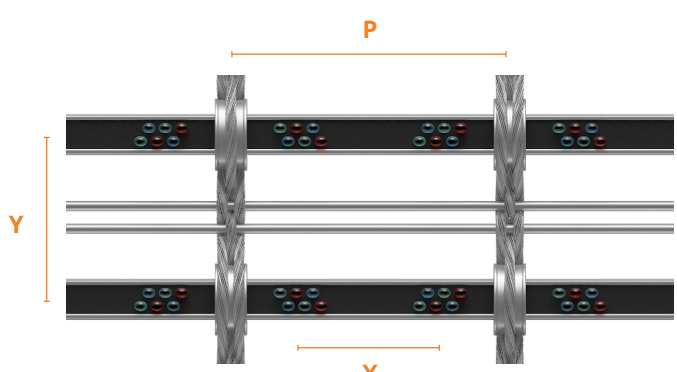
PRODUCT	V4 x H4.25	V5 x H4.25	V6 x H4.25
Vertical LED Pitch	40 mm	50 mm	60 mm
Horizontal LED Pitch	42.5 mm	42.5 mm	42.5 mm
NITs	6400 - 7650	5100 - 6150	4250 - 5100
Open Area	56%	57.50%	59%
Viewing Distance	28 meters / 91.84 ft	35 meters / 114.8 ft	42 meters / 137.76 ft
Weight	9.66 kg/m² (1.98 lb/ft²)	9.08 kg/m² (1.86 lb/ft²)	8.64 kg/m² (1.77 lb/ft²)
Rods	1	2	3
Effective Viewing Angle	110°	110°	110°

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/m² (1.95 lb/ft²)	8.93 kg/m² (1.83 lb/ft²)	8.5 kg/m² (1.74 lb/ft²)
Rods	1	2	3
Effective Viewing Angle	60°	60°	60°



GKD Mediamesh® 230V & 48V SYSTEM DIAGRAMS



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



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