

Light-Weight Structure
CABLE-NET SYSTEM

GULF
SHADE

GRID

*“A Contemporary Architectural Innovation
Of The Sky.”*



Gulfshade, as a turn key solution provider for the specialized fabric roofing, delivers a tensile architectural system that achieves a light-weight structure by the intelligent use of cables and fittings working together in tension

Space and simple form are our variables that can both masks the complexity inherent in tensile architecture.

The result is a structure of unique depth and openness, evident of science and careful planning.

- **Project:** Hard Landscape, Marassi
- **Location:** Diyar Al-Muharraq, Bahrain
- **Main Contractor:** Cracknell
- **Area:** 530m²
- **Material:** PES/PVC Screen Ferrari ref. Silitis 381

01

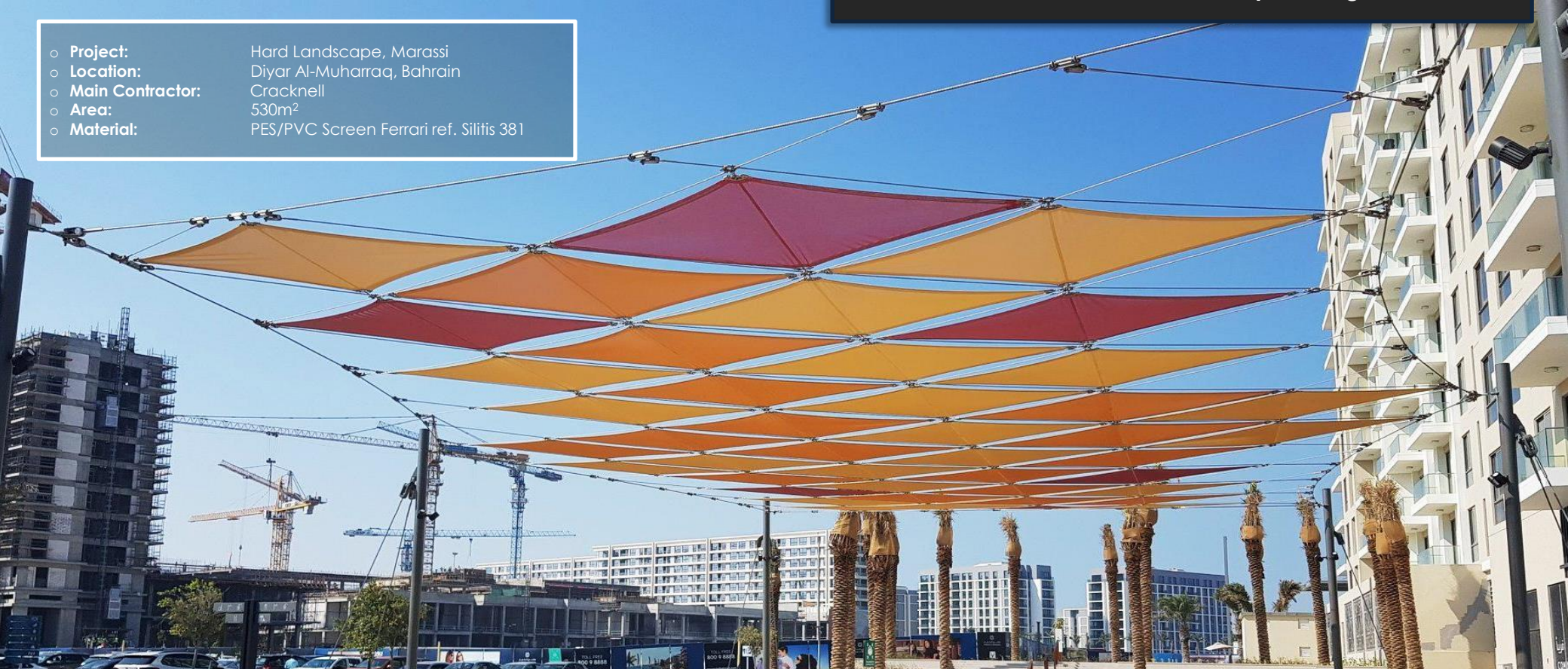
Reduction in diameter from traditional steel framework.

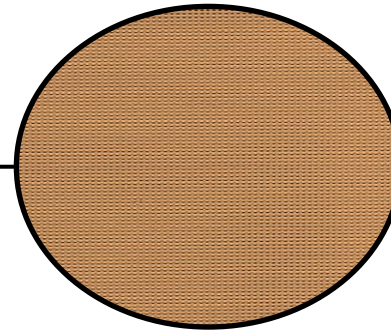
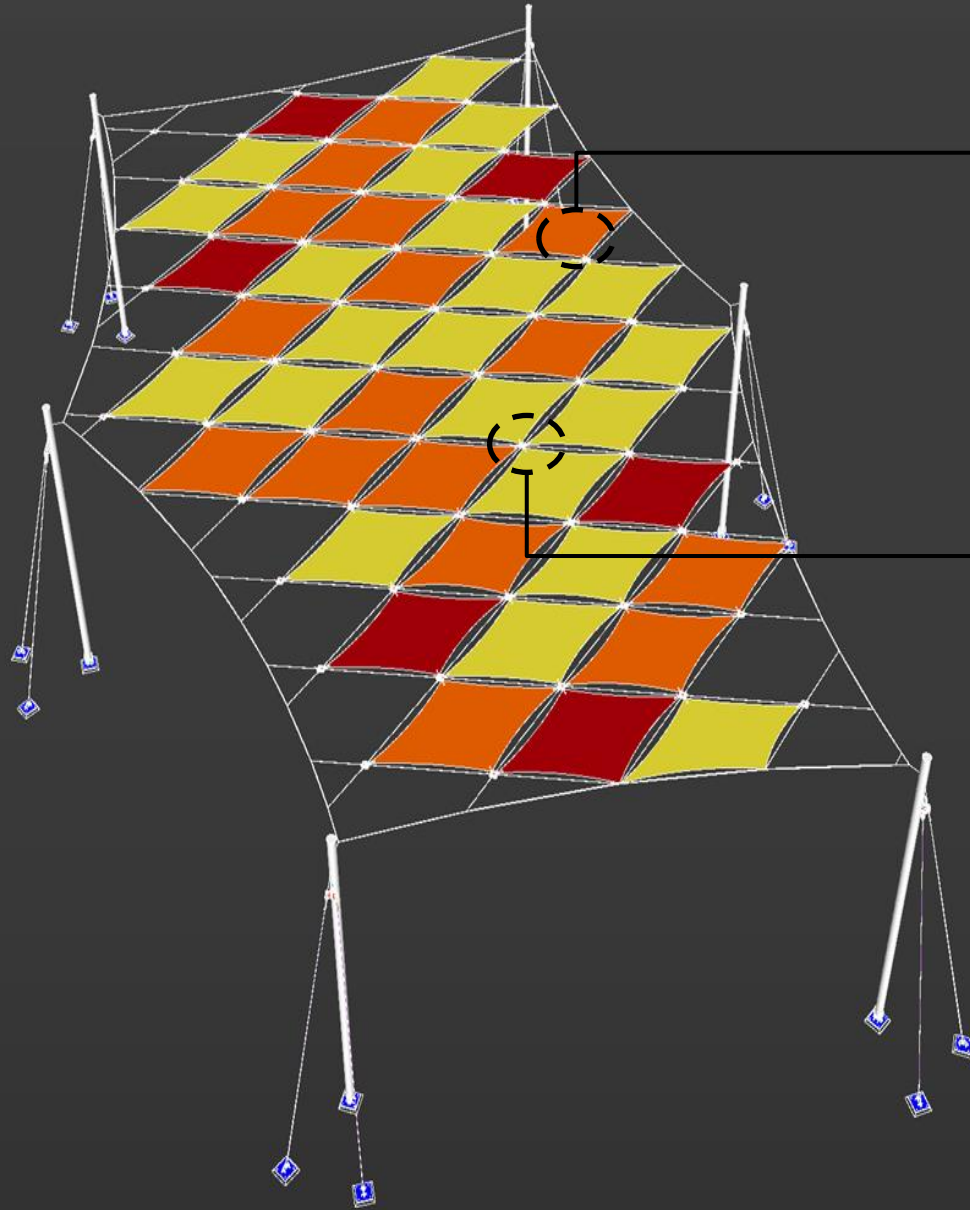
02

Minimizing the visual impact of supportive structures.

03

Cable tensioned members can span long distances.





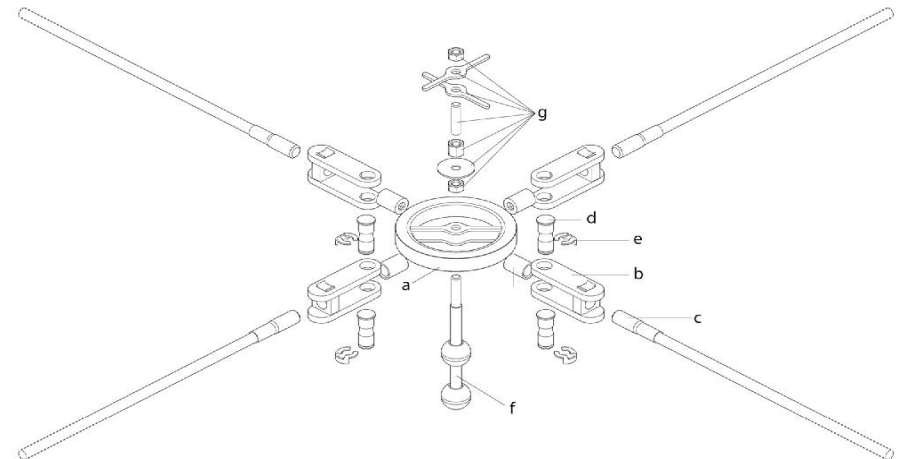
➤ **FrontSide View 381 Mesh**

- **Thermal protection**
Blocks up to 81% of the sun's heat.
- **Durable resistance**
Resistant to the effects of weather (wind, hail, UV).
- **Visual comfort**
Preserves natural light transmission while reducing glare.

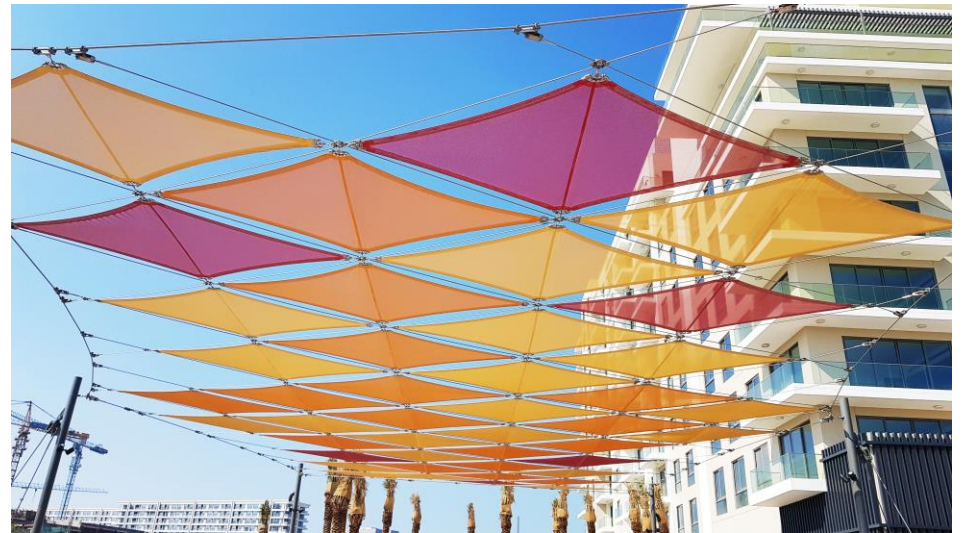


➤ **A Cable-net Node with Two Measurement Spheres**

- a) Ring.
- b) Brackets.
- c) Ties.
- d) Pins.
- e) Clips.
- f) Threaded rods with measurement markers.
- g) Threaded rod with fabric and reinforcement anchoring parts.



G-01
DIAMOND



G-02
SQUARED



G-03
TRIANGULAR



G-04
CIRCLED



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