

TECHNICAL DATA SHEET

W-RADIANT INDUSTRY



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W-Radiant Industry is a lightweight **radiant heating** panel conceived for industrial and professional environments where targeted, localized comfort is required. Its enclosure uses **alveolar polycarbonate for minimal mass** and good thermal behavior, combined with a **perimeter aluminium frame** that ensures mechanical stability. The proprietary bifilar heating architecture delivers sun-like radiant warmth to people and objects within the intended zone, prioritizing direct irradiation rather than convective air heating, and is suitable for integration into modern workspaces and technical areas.

The **standard module measures 1 m by 1 m**, built around a one-meter form factor to simplify planning in regular grids. The technology provides an approximate **power density of 750 W/m²**, with typical panel surface temperatures between 60 °C and 90 °C when the ambient is 20 °C. **Larger heated surfaces can be created** by composing multiple 1 m × 1 m modules to obtain the required overall dimensions while maintaining uniform appearance and performance across the array. When suspended, the panel should be installed at a **height of approximately 2.5 to 3 metres** to ensure the best performance. The heating action effectively **covers the area directly beneath the panel** with a slight overhang beyond the panel's edges, but it does not create a defined irradiation cone, since the concept is to **heat only the zone directly below the panel**.

SIZE mm	OUTPUT STANDARD (W)	SURFACE TEMPERATURE	MINIMUM MODULES	MAXIMUM MODULES
1000x1000	750 W	90°C	1 PCS	4 PCS



FIXING DETAIL

PROJECT REFERENCES

