

Bespoke Manufacturing

# Datalec Hyperion Ceiling System

Providing Certainty with our Structural Ceiling System

A high-performance structural load ceiling system, engineered to confidently and securely suspend and support all the main components essential to data centre infrastructure, clean rooms, and industrial applications.

For further information about our Hyperion Ceiling System, please contact us at: [info@datalecltd.com](mailto:info@datalecltd.com)

[datalecltd.com](http://datalecltd.com)



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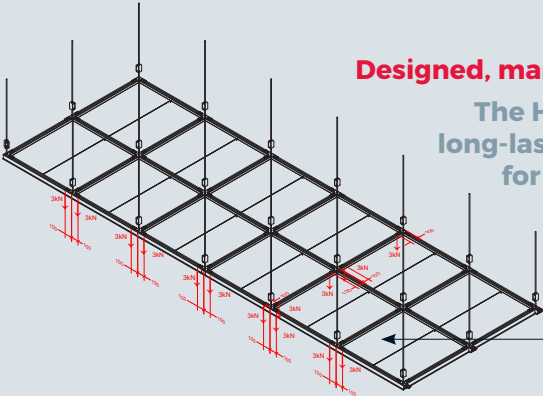
## Reliable, Adaptable, and Cost-Effective Ceiling System

The Datalec Hyperion Ceiling System is a pre-engineered, aluminium structural ceiling designed for maximum functionality and durability. Featuring continuously slotted primary elements and secondary supports secured with robust steel connectors, it provides a stable and efficient solution for suspending power modules/ busbars, cable containment, HOT/ COLD aisle containment and various other essential data centre infrastructure components.

Engineered for versatility, the heavy-duty aluminium grid is quick to install, highly adaptable, and configurable to meet the unique specifications of any data centre. Our innovative extrusion design ensures compatibility with standard strut fasteners, streamlining assembly while enhancing structural integrity.

### Key Benefits

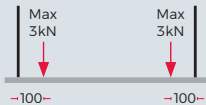
- **Fast & Efficient Installation** - Pre-engineered components reduce installation time and complexity.
- **Superior Load Capacity** - Supports a point load of 6kN and a uniform load of 8kN/m<sup>2</sup>, ensuring safe suspension of heavy overhead services.
- **Flexible & Adaptable** - Configurable to accommodate various infrastructure needs in data centres, clean rooms, and industrial applications.
- **Uninterrupted Maintenance Access** - Ceiling tile size (1200x1200mm grid centres) allows easy MEWP access, and offering safe height access into suspended ceiling plenum.



## Designed, manufactured, and installed by DPI

The Hyperion Ceiling System ensures long-lasting, high-performance support for modern data centre operations.

### Hanging Method



The above loads have to be distributed as per the model above.

The load at mid-span maximum 1.5kN on the main extrusion and 1.4kN on the ties. Mid-span maximum point load no less than 1.2m apart in any direction.

Safety factor of 2.

Deflection Limit: Span/360

Datalec Hyperion Ceiling System Specifications	
Point Load	Total point 6kN *see drawing for loads distribution
Uniform Load Capacity (m2)	Total Load 8kN/m <sup>2</sup> *see drawing for loads distribution
Ceiling Grid set up	1200 x 1200 mm centres
Ceiling grid clear opening	1129.6 x 1129.6 mm