



nLighten edge data center

Amsterdam I.

AMS1

Amsterdam is the capital and vibrant centre of the Netherlands. The city is known for its artistic heritage, an extensive canal system ("Grachten") and narrow houses with gabled facades that date back to the city's Golden Age in the 17th century. In the eastern part of the city is the Amsterdam Science Park and Startup Village, an important centre for information technology, life sciences, chemistry and advanced technology. Amsterdam is also an important international internet hub. nLighten's presence in Amsterdam offers exceptional data centre services that meet the needs of businesses and strengthen the city's position as a technology and innovation hub.

**nLighten Amsterdam I.**

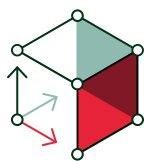
Gyroscoopweg 134–140
1042 AZ Amsterdam

Location specifics.

The data centre is conveniently located west of Amsterdam's city centre, just off the major A5 motorway and the A10 ring road and only 20 minutes by car from Amsterdam Schiphol Airport. The data centre has an area of 2,237 m², a capacity of 1,100 kW, an office area and a large car park.

Like the other nLighten facilities, the Amsterdam location enables our customers to benefit from a well-connected, high-availability data center and capable of housing high-density cabinets. The data center comes with a wide range of on-site services and a growing ecosystem of partners, all there to optimally support our customers' IT environment.

Highlights.

**2,237 m²**

of edge data center space

**1,100 kW**

site capacity (end-state)



Sustainability:
Commitment to a
net-zero carbon
footprint



Compliance:
[Explore our
certifications](#)



Connectivity:
[Explore nConnect,
our Network Service
Platform](#)

Edge data center Amsterdam I Features.

nlighten
close • coupled • connected
DATA CENTER

Location	Conveniently located for easy access by road and public transport	✓
Design	Tier III design target	✓
Connectivity	Carrier-neutral data center with diverse fibre entry points and meet-me areas for rapid activation	✓
Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	✓
Compliance	We adhere to industry-leading standards, comply with applicable regulations, and continuously enhance our infrastructure and security posture. Explore our certifications	✓



POWER

Redundant power with independent A and B feeds to each cabinet	✓
Site capacity (end-state)	1,100 kW
Design Power Usage Effectiveness (PUE)	1.35
Standard Power Density (air cooling): 2-7 kW, up to 15 kW per cabinet	Yes
High-density (AI-ready): 15 kW to 150+ kW	On request



SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	Feasibility study
100% carbon free energy backed by Guarantees of Origin	Yes
Power Purchase Agreement (PPA)s	No
Integrated Carbon-Free Energy (ICFEn) score calculated	Coming soon



SECURITY

Dual factor access control (pin/biometrics)	✓
CCTV – Full coverage, storage in compliance with local laws	✓
Fire suppression in the data hall	Under installation



SUPPORT

24/7 service desk and 24/7 access to NOC services	✓
On-site services	✓