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nLighten edge data center

Leeds.

LBA1

Leeds, the third-largest city in England, is a major economic and telecommunications hub strategically located in the United Kingdom. The city is home to a diverse range of industries, including financial services, manufacturing, retail, and creative industries, and has built a reputation for innovation. The nLighten data center in Leeds serves as a backbone of this dynamic community, providing colocation services and a robust Internet infrastructure.

nLighten Leeds.
White Rose Technology Centre
Don Pedro Ave, Normanton Industrial Estate
WF6 1TD Normanton

Location specifics.

The data center is conveniently located in the south-west of Leeds. It is close to the M62 motorway, 15 minutes by car from the Leeds train station. And just 40 minutes from the Leeds/ Breadford Airport. The data center has an area of 650 m^2, 1,000 kW of power, a spacious office area and ample parking space.

Like the other nLighten facilities, the Leeds data center will enable our customers to benefit from a very well-connected, high-availability data center that is capable of housing high-density cabinets. The data center offers a number of on-site services and a growing ecosystem of partners, to optimally support our customers' IT environment.

Highlights.

650 m^2
of edge data center space

1,000 kW
proposed end-state site capacity

AI-readiness:
Design build of up to 50+ kW rear-door cooling

Sustainability:
Commitment to a net-zero carbon footprint

Compliance:
ISO27001 in all locations

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Edge data center Leeds Features.

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	✓
Cooling	Cooling and humidity design complying with ASHRAE A1 allowable category	✓
Compliance	ISO27001, and programme in place for PCI-DSS, SOC1, SOC2, ISO14001, ISO 50001, ISO22301	✓

POWER

Redundant power with independent A and B feeds to each cabinet	✓
Proposed end-state site capacity	**1,000 kW**
Design power usage effectiveness (PUE) all phases	**1.29**
Standard density	**2 – 7 kW available**
High density positions up to 12 kW Air-cooling and 50+ kW rear door-cooling (AI-ready)	**New rooms**

SUSTAINABILITY

Heat recovery; residual redirected to local heating networks	**Feasibility study**
Commitment to a carbon-free energy footprint	**Green certificates upon request, CFE scoring commitment**

SECURITY

Dual factor access control (pin / biometrics); five lines of defence design target	✓
CCTV – Full coverage, storage in compliance with local laws	✓
Fire suppression in the data hall	✓

24/7 SUPPORT

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

Want to know more? Have any questions? Or simply want to get in touch with us?
Send us an email at ***UK@nLighten.eu***.