# The London Eye

## Identification

<table>
<thead>
<tr>
<th>Feature</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EBN</strong></td>
<td>110620</td>
</tr>
<tr>
<td><strong>Name</strong></td>
<td>The London Eye</td>
</tr>
<tr>
<td><strong>Alternative Name</strong></td>
<td>Millennium Wheel</td>
</tr>
<tr>
<td><strong>Construction Type</strong></td>
<td>ferris wheel</td>
</tr>
<tr>
<td><strong>Current Status</strong></td>
<td>existing [completed]</td>
</tr>
</tbody>
</table>

## Location

<table>
<thead>
<tr>
<th>Feature</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Continent Name</strong></td>
<td>Europe</td>
</tr>
<tr>
<td><strong>Country Name</strong></td>
<td>United Kingdom</td>
</tr>
<tr>
<td><strong>State Name</strong></td>
<td>England</td>
</tr>
<tr>
<td><strong>Metro Area Name</strong></td>
<td>London Metro Area</td>
</tr>
<tr>
<td><strong>City Name</strong></td>
<td>London</td>
</tr>
<tr>
<td><strong>District (1st level)</strong></td>
<td>Lambeth</td>
</tr>
<tr>
<td><strong>Postcode</strong></td>
<td>SE1</td>
</tr>
<tr>
<td><strong>Address (as text)</strong></td>
<td>Albert Embankment</td>
</tr>
<tr>
<td><strong>Main Address</strong></td>
<td>Albert Embankment</td>
</tr>
</tbody>
</table>
The London Eye

Map

Description

Main Usage  observation

Spatial dimensions

Height (structural)  442.91 ft  Height (tip)  442.91 ft

Years and costs

Year (construction start)  1998  Year (construction end)  1999

Features & Amenities

- One of the city's famous buildings
- City landmark

Need additional information? Contact us now!

Phone  +49 40 6094 6494 0  Hamburg  09:00 am - 07:00 pm
Phone  +1 250 483 7089  New York  03:00 am - 01:00 pm
Email  sales@emporis.com  Tokyo  04:00 pm - 02:00 am
Facts

- The capsules are situated on the outer rim so as not to have their view impeded by the wheel whilst their attitude is computer-controlled.
- The BA London Eye has been acknowledged by the Los Angeles-based Themed Entertainment Association as being an internationally recognisable city icon.
- The Eye attracts upwards of 3.5 million visitors per annum.
- The entire structure weighs 1,900 tonnes with each single cable weighing 1.5 tonnes whilst the passenger rotates with the wheel at 0.3 metres (0.98 feet) per second.
- The BA London Eye is officially the world's most popular tourist attraction, beating the Statue of Liberty, Torre Pendente and the Tour Eiffel.
- The cables comprise 16 rim rotation cables, 64 spoke cables and 6 backstay cables, whilst the compression foundation sited underneath the A-frame legs called for 2,200 tonnes of concrete with 44 concrete piles, each of which is 33 metres (108 feet) deep.
- The wheel rotates continuously save for when access is required by the mobility-impaired or wheelchair users.
- The capsules were constructed by ski-lift cabin manufacturer Sigma Composite, whilst the capsules' control systems were manufactured by SEMER.
- The London Eye is not - strictly speaking - a Ferris wheel, due in part to the nature of its support structure and its enclosed passenger capsules.
- This was the world's tallest ferris wheel until the erection of the Star of Nanchang in 2006.
- The BA London Eye is London's highest public vantage point.
- The London Eye has won in excess of 75 accolades for national and international tourism, engineering achievement and for the quality of its architecture.
- Phenomenally successful as both a tourist attraction and universally recognisable city landmark, the Eye was the first of the new generation of 21st century super ferris wheels to have sprung up around the world.
- Completed in 1999, the Eye didn't open to the public until March 2000 despite a schedule which envisioned it being in operation to usher in the so-called millennium eve of 1999/2000.
- On opening, the capsules each had their own guides who would give a commentary on the city as it unfolded below.
- The wheel was constructed with components from Britain, the Netherlands, Germany, the Czech Republic, Italy and France and were raised from the horizontal to the vertical from the river Thames.
• The tension foundation, which holds the backstay cables, utilised 1,200 tonnes of concrete.
• The London Eye was a RIBA award winner 1999.
• The weight of the wheel is 640 tonnes, the boarding platform is 6.2 metres (20.3 feet) wide and 58 metres (190 feet) long and weighs 98 tonnes.
• 32 capsules measuring 8 metres (26 feet) in length and 4 metres (13 feet) in diameter can accommodate up to 800 people and afford a view of 25 miles (40 kilometres), weather permitting.
• The capsules each weigh .5 tonnes with glass which is double-curved and laminated and their curved shape increases strength whilst minimising wind-drag on the whole structure.
• The spindle, which is made by Skoda Steel, is 25 metres (82 feet) long and weighs 350 tonnes. The A-frame is 70 metres (229.6 feet) long, weighs 310 tonnes and each leg can take a compression load of 1,000 tonnes.

Involved companies

Architect

Marks Barfield Architects
50 Bromells Road
SW4 0BG London
United Kingdom
Phone +44 (0) 20 7501 0181
Fax +44 (0) 20 7498 7103
Email info@marksbarfield.com

Owner

Marks Barfield Architects
50 Bromells Road
SW4 0BG London
United Kingdom
Phone +44 (0) 20 7501 0181
Fax +44 (0) 20 7498 7103
Email info@marksbarfield.com

Additional company data available for this building

Check Engineering
Consultant
Fire Protection Engineering
Foundation Company
Geotechnical Engineering
Owner
Planning Consultant
Project Management
Steel Supplier
Structural Engineering

Need additional information? Contact us now!
Phone +49 40 6094 6494 0
Phone +1 250 483 7089
Email sales@emporis.com

Hamburg 09:00 am - 07:00 pm
New York 03:00 am - 01:00 pm
Tokyo 04:00 pm - 02:00 am

© 2019 Emporis GmbH | 11/03/2019 18:48 | EBN 110620
Need additional information? Contact us now!

Phone  +49 40 6094 6494 0          Hamburg  09:00 am - 07:00 pm
Phone  +1 250 483 7089            New York  03:00 am - 01:00 pm
Email  sales@emporis.com           Tokyo    04:00 pm - 02:00 am

© 2019 Emporis GmbH | 11/03/2019 18:48 | EBN 110620
Get Emporis Research today and benefit from our worldwide database now!

Analyze buildings, construction markets, regions and competitors

- 450,000 buildings from a wide range of categories such as residential, office, retail, hospitality and many more
- Choose from a broad range of regional data packages – or create your own
- Powerful and fast search for in-depth analysis
- Detailed search queries in over 50 data fields, e.g. filter by location, size, status, building usage and construction types
- Generate customized lists of construction projects and involved companies

Generate leads and explore new business opportunities

- Get contact information for over 160,000 companies
- Search for companies related to specific construction projects or generate lists according to particular fields of activity
- Find new clients and business partners or connect with key players in new markets
- Forecast trends and future market growth
- Spend less time researching, and more time doing business

Keep up to date and ahead of your competitors

- Get constantly-reviewed data from around the globe
- 24/7 access to the database from anywhere in the world
- View detailed information about existing buildings as well as those planned and under construction
- Save your searches for easy future reference
- Receive email notifications about new content fitting your criteria

Download data and put it to work

- Export information easily to CSV/Excel files
- Individually select data fields for your specific needs
- Integrate the data into your own internal system
- Provide your staff with actionable data
- Benefit from limitless downloads within your chosen package

Need additional information? Contact us now!

<table>
<thead>
<tr>
<th>Phone</th>
<th>+49 40 6094 6494 0</th>
<th>Hamburg</th>
<th>09:00 am - 07:00 pm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phone</td>
<td>+1 250 483 7089</td>
<td>New York</td>
<td>03:00 am - 01:00 pm</td>
</tr>
<tr>
<td>Email</td>
<td><a href="mailto:sales@emporis.com">sales@emporis.com</a></td>
<td>Tokyo</td>
<td>04:00 pm - 02:00 am</td>
</tr>
</tbody>
</table>

© 2019 Emporis GmbH | 11/03/2019 18:48 | EBN 110620