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Nanning Logan Century 1

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Height: To Tip
390 m / 1,279 ft
Height:
Architectural
381.3 m / 1,251 ft
Height: Occupied
364.2 m / 1,195 ft

Height: Helipad
381.3 m / 1,251 ft
Floors Above Ground
82
Floors Below Ground
4
of Elevators
32
Development GFA
396,490 m² / 4,267,783 ft²
of Hotel Rooms
282

Facts

Official Name	Nanning Logan Century 1
Name of Complex	Nanning Logan Century
Other Names	Logan Century Center 1
Structure Type	Building
Status	Completed
Country	China
City	Nanning
Street Address & Map	Zhongjiang Road
Building Function	hotel / office
Structural Material	composite <ul style="list-style-type: none"> • Core: Reinforced Concrete • Columns: Concrete Filled Steel • Floor Spanning: Steel

Proposed	2010
Construction Start	2013
Completion	2018

Rankings

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Global Ranking	#35 Tallest in the World	▲ ▼
Regional Ranking	#24 Tallest in Asia	▲ ▼
National Ranking	#20 Tallest in China	▲ ▼
City Ranking	#1 Tallest in Nanning	▼

Companies Involved

Developer	Logan Real Estate Co., Ltd.
Architect	<ul style="list-style-type: none"> • Design Dennis Lau & Ng Chun Man Architects & Engineers (HK) Ltd. (DLN)
Structural Engineer	<ul style="list-style-type: none"> • Design A+E Design
MEP Engineer	<ul style="list-style-type: none"> • Design A+E Design
Other Consultant	<ul style="list-style-type: none"> • Cost WT Partnership • Façade SuP Ingenieure GmbH • Landscape AECOM • Property Management CBRE
Material Supplier	<ul style="list-style-type: none"> • Cladding Xinyi Glass

About Nanning Logan Century 1

Nanning Logan Century 1 is a highly organized mix-use development that manages to incorporate a wide variety of programs without overcomplicating the building's structure. The tower's shape recalls that of a blossoming flower. The rectangular building appears to be divided into four parts – each representing a flower petal beginning to bloom. At the top of the structure, a helipad joins the petals together. Along the height of the building, layers of secondary petals mimic the motif at the zenith of the structure.

The variability of the building's programs (including office space, an observation deck, and a hotel) required the project team to carefully scrutinize all design elements to ensure that they function as a complete whole. This was a particularly important consideration when designing the central core of the tower in order to accommodate all elevator requirements for passengers and goods, fire egress, and structural support. The ultimate solution was to create a series of separated vertical transportation systems. There are separate shuttle lifts for the public to reach the observation deck and hotel guests to go to the sky lobby; three lift zones for office users; and an independent entrance for hotel staff. Taking advantage of varying levels at the ground floor, lobbies are clearly segregated for the different groups of users.

The shell of the building functions as a unifying element for the disparate functions within. The façade system utilizes a curtain wall with aluminum vertical fins. These fins are not only decorative, but also serve to reduce solar heat gain. To differentiate the exterior visually, glass is tinted different colors along each section of the tower, ranging from white to grayish-blue.

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Top Company Rankings: The World's 100 Tallest Buildings

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CTBUH Releases Year in Review: Tall Trends of 2018

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