

Outdoor Three-Layer Rotating Landmark

Engineering reference for early project evaluation. Final dimensions, wind basis, drive selection, structure, LED integration and site interfaces require project-specific review.

ROTATING LAYERS	3 independently driven layers
REFERENCE DISPLAY FACES	3 per layer / 9 total
MOTION	Synchronized, counter-rotating or independently programmed
ROTATION	Project-configured continuous 360-degree rotation
REFERENCE DRIVE	Integrated servo motor with planetary gearbox per layer
SUPPLY ROUTES	Mechanical structure / core motion system / turnkey landmark

Required project inputs

01	Site	Project city, installation position, access and maintenance boundary
02	Environment	Local wind data, climate, corrosion exposure and operating schedule
03	Geometry	Overall dimensions, layer heights, display faces and desired clearances
04	Loads	LED weight, support structure, rotating mass and center-of-gravity information
05	Motion	Speed, duty cycle, synchronization logic, offsets and emergency-stop strategy
06	Interfaces	Foundation, site power, LED control, show control and installation responsibility

Engineering boundary

Included only when confirmed in the proposal: rotating mechanical structure, servo drives, control cabinet, slip-ring solution, outdoor LED, display control, factory testing, site coordination, installation support and commissioning.

Not a structural approval: this sheet provides planning information only. Qualified project teams must verify wind, seismic, foundation, dynamic load, braking, maintenance access, electrical protection and local approval requirements.

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