
LANGE UHREN GMBH

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A Glowing Face of Time: the LANGE ZEITWERK “Luminous”

With precisely jumping numerals embedded in a dial of peerless poise and panache, the LANGE ZEITWERK showed the realm of horology a new face of time last year. On the occasion of the prestigious “Grand Prix d’Horlogerie de Genève”, it received the highest award – “L’Aiguille d’Or”. Now, thanks to the imagination of Lange’s engineers, this striking face has come aglow.

Unlike hardly any other watch, it stands for uncompromising clarity: the evocatively named LANGE ZEITWERK. Featuring indications of a size so far considered to be beyond feasibility, its dial always provides an unambiguous reading of the current time. With a soft click and no perceptible delay, the display advances from one minute to the next within fractions of a second. And at the top of hour, the watch performs the big leap, when all three numerals discs jump forward by precisely one increment at the same time. Now, this exciting progression of time can be observed in the dark as well.



The German silver time bridge, coated black with the PVD process, creates a prominent framework for the hour and minute display apertures. Coated with white Superlumina, the glowing numerals seem to float incandescently above the black background. Even at night. This is assured by a dark-tinted sapphire-crystal glass. Its light-permeable coating allows the numerals to be charged with enough photonic energy to uniformly emit it again during the night for several hours. Thus, the LANGE ZEITWERK “Luminous” reliably tells the time in one-minute intervals between dusk and dawn. The switching power is generated by a constant-force escapement between the mainspring barrel and the balance. Concurrently, it makes sure that the flow of power to the balance remains constant throughout the entire power-reserve period.

The manufacture calibre L043.1 that delivers the heartbeat of the LANGE ZEITWERK “Luminous” incorporates all of the refined features that have justifiably transformed the name A. Lange & Söhne into a synonym for unmatched horological quality among connoisseurs around the world. Its highlights include the balance wheel with eccentric poising weights, a balance spring manufactured in-house, and the lavish decorations applied to all movement parts by hand. The design of the watch, showcasing dark/bright contrasts, is emphasised by the platinum case, a black crocodile strap, and the buckle, also crafted from solid platinum.

Data sheet LANGE ZEITWERK “Luminous”		Reference 140.035
Movement	Lange manufacture calibre L043.1, manually wound, crafted to the most exacting Lange quality standards, decorated and assembled by hand; precision-adjusted in five positions; three-quarter plate made of untreated German silver; balance cock engraved by hand; jumping minutes; constant-force escapement	
Number of movement parts	388	
Jewels	68	
Screwed gold chatons	2	
Escapement	Lever escapement	
Oscillation system	Shock-resistant glucydur balance with eccentric poising weights; superior-quality balance spring manufactured in-house with patent-pending attachment system (balance spring clamp), frequency 18,000 semi-oscillations per hour, precision beat adjustment system with lateral setscrew and whiplash spring	
Power reserve	36 hours when fully wound	
Functions	Jumping hours and minutes, small seconds hand with stop seconds, power-reserve indicator	
Operating elements	Crown for winding the watch and setting the time	
Case dimensions	Diameter: 41.9 millimetres; height: 12.6 millimetres	
Movement dimensions	Diameter: 33.6 millimetres; height: 9.3 millimetres	
Case	Platinum	
Dial	Coated sapphire crystal; luminous numerals	
Time bridge	German silver, PVD-coated	
Glass and caseback	Sapphire crystal (hardness 9)	
Hands	Rhodiumed gold	
Strap	Hand-stitched crocodile strap, black	
Buckle	Lange prong buckle in solid platinum	
Edition	100 watches	

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