

# Intel Drone Light Show Premium Fact Sheet

## Introducing Intel® Drone Light Show Premium

The Intel Drone Light Show Premium is our brightest, most dynamic Drone Light Show for wowing your audience. Featuring the new Intel Shooting Star™ 3 drones, these next-generation drones have exceptional 3D animation capabilities, unmatched brightness, faster speeds, heightened resolution, and longer performance times. Expand your storytelling with Intel Drone Light Shows Premium and you will capture your audience's imagination with an immersive performance they will never forget.

Each Intel Shooting Star™ 3 drone serves as a pixel of light that paints the night sky and is capable of nearly limitless color combinations. Choreographed to music and with the ability to integrate into other live entertainment elements, our shows are a universal language that is shared across the globe.

Intel Drone Light Shows have a strong safety record that has earned the trust of civil aviation administrations around the world. We have over 1,000 performances with over 35,000 flight hours in nearly 25 countries. Our shows have also been recognized for their creative excellence and innovation by organizations such as the Cannes Lions awards, Guinness World Records, the Themed Entertainment Association, the Clio Awards, and The ANDYs.

## Intel® Drone Light Show Premium Highlights

- Intel Shooting Star™ 3 drones weigh only 340 grams, less than  $\frac{3}{4}$  of a pound and are purpose-built for use in Drone Light Shows
- Designed with safety in mind, the drones feature a lightweight, soft-plastic construction and encased propellers.
- Four built-in high-power LEDs per drone create unmatched brightness, vibrancy, and light uniformity. LEDs are gamma corrected to emit light that is brilliant and true to color.
- Real-time kinematic (RTK) GPS enables increased positional accuracy for higher resolution animations, sharper imagery, and more dynamic 3D animations in limited show spaces.
- Smaller launchpads reduce airfield footprint by over 30% compared to the Intel Drone Light Show Classic system.
- Auto landing with faster charging times mean larger, longer, and sequential performance options with fewer than five people on site.
- Improved aerodynamics enable increased acceleration and speed for faster movements, more agile transitions, and increased wind tolerance.
- The custom-designed and purpose-built Intel Drone Light Show system enables seamless hardware and software integration, fast animation design, increased operational efficiency, and optimized drone and software capabilities.
- Our system enables numerous animations within the same night, multiple fleets for extended showtimes, complex and limited environment accommodations, enhanced weatherproofing, and improved temperature and wind tolerances.

## Intel® Drone Light Show Premium Specifications and Operational Conditions

Number of Drones	System designed for thousands of drones
Typical Show Time	11-minute average experience with 7-8 min of animations. Longer shows are available, please contact us
Max Tolerable Wind Speed During Show	11 m/s
Max Light Show Animation Speed	6 m/s

## Intel® Shooting Star™ 3 Drone Specifications and Operational Conditions<sup>1</sup>

Type	Quadcopter with propeller guards
Size	286 x 283 x 146 mm
Rotor Diameter	5 " (127 mm)
Max Take Off Weight	340 g
Max Speed	17 m/s (6 m/s show speed + 11 m/s max tolerable wind speed)
Charging Time	30 min
Navigation Technology	RTK GNSS
Communication Interfaces	2.45 GHz ISM (world-wide availability)
Temperature Range	-20 to +35 °C
Number of LEDs per Drone	4

<sup>1</sup> This table is not representative of the comprehensive technical capabilities of the Intel Shooting Star™ 3 drone. For more information, please contact an Intel PR representative.

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For more information, see [inteldronelightshows.com](http://inteldronelightshows.com)