



## TRU-D SmartUVC™ PRODUCT FACT SHEET

*The power to stop pathogens that compromise health care environments*

- TRU-D, short for Total Room Ultraviolet Disinfection, is a 5-foot-5 germ-killing UV disinfection robot on a mission to kill pathogens that stalk health care environments.
- TRU-D SmartUVC™ is the only portable UV disinfection device on the market with Sensor360™ technology, which calculates the time needed to react to room variables – such as size, geometry, surface reflectivity and the amount and location of equipment in the room – and effectively deliver a lethal dose during a single cycle from a single, central location in the room.
- It is an automated, remotely operated system that self-adjusts to the size and content dynamics of any room to deliver the proper dose of UV light energy necessary for complete terminal disinfection.
- It works by generating UV light energy that modifies the DNA structure of an infectious cell so that it cannot reproduce, and a cell that cannot reproduce cannot colonize and thus harm patients.
- Manufactured by Lumalier, TRU-D is designed to complement a hospital’s comprehensive cleaning and disinfection program. It uses natural UVC light to expose and help reduce pathogens on visible surfaces and in primary shadows.
- After a hospital staff member cleans the room using traditional methods, TRU-D is rolled into the room to “finish the job.” Set-up for TRU-D is quick and easy and does not require input of room measurements or covering of windows and vents. The system can disinfect an entire room – including shadowed spaces – from one location, eliminating the need to move it to multiple places in the room.
- TRU-D allows hospitals to confidently clean their patient environments, from ICUs and patient rooms to surgery suites – killing pathogens, such as influenza, norovirus, *Clostridium difficile* (*C. diff.*), Methicillin-resistant *Staphylococcus aureus* (MRSA), carbapenem-resistant Enterobacteriaceae (CRE) and other bacteria that compromise patient outcomes.
- Patents for TRU-D were granted after more than a decade of research and clinical trials, and results of TRU-D have been supported by multiple independent peer-reviewed studies conducted by leading authorities in infection control and epidemiology.
- TRU-D SmartUVC™ is the device of choice for nearly all of the existing independent research on UV disinfection technology, including an ongoing \$2 million study funded by the Centers for Disease Control’s Epicenter Program study at Duke University, the University of North Carolina and eight other hospitals in the region.
- There are more than 100 TRU-Ds currently slaying superbugs in hospitals across the U.S., Canada and Europe.