



CELLO UV CART 1000W PLUS



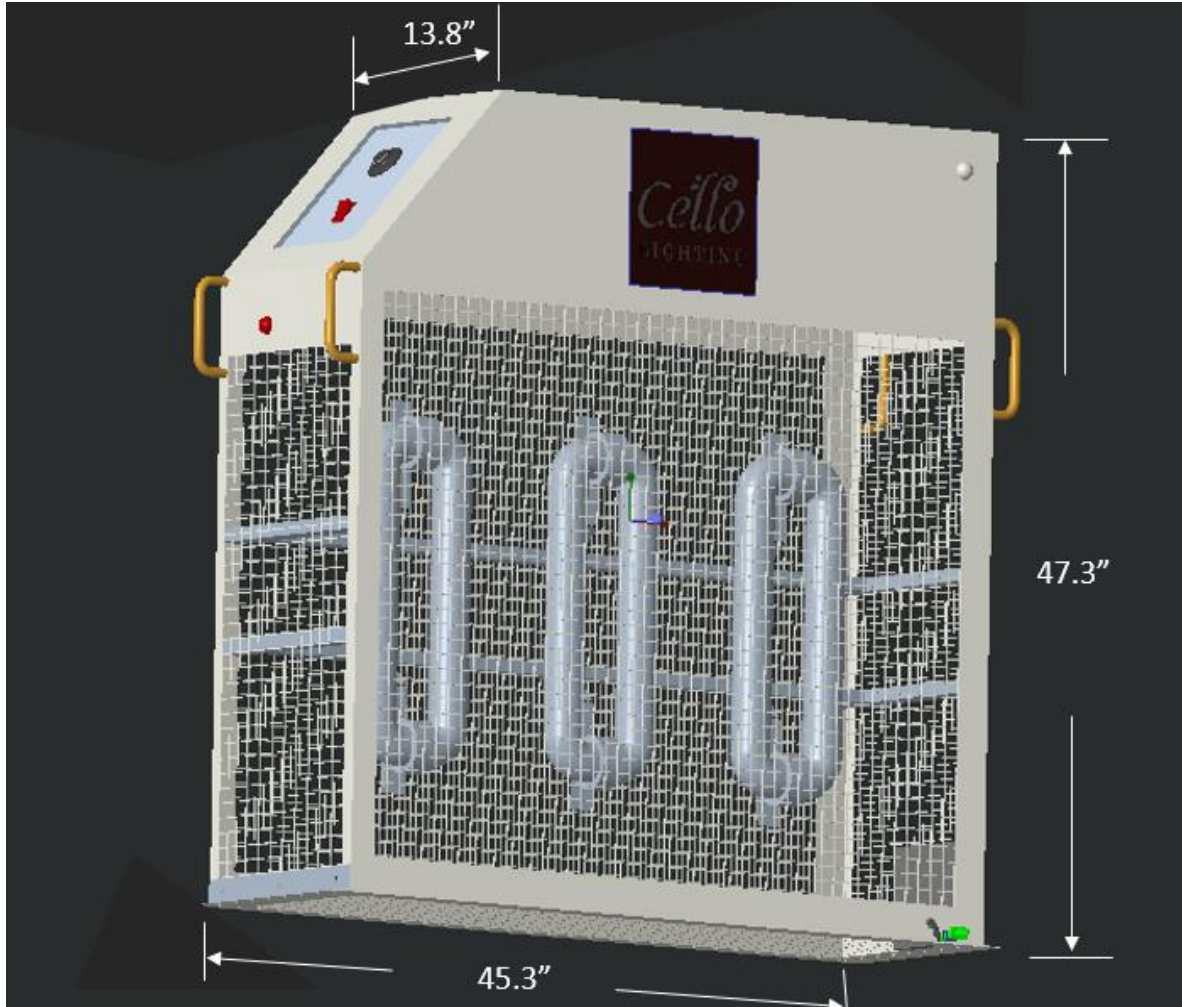
Area (sq. ft.)	20,000	10,000	4,000	2,000	1,000
Time (Minutes)	60	30	15	10	5

* Time needed to inactivate 99.9 % of virus.

** The cart needs to be mobilized to cover all area.



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Technical Specifications

Input power	1000W
Wavelength	253.7nm
Type of ultraviolet lamp	Induction UV Light
Dimensions	45.7" (L) x 12.8" (W) x 59.3" (H)
UV irradiation intensity per lamp	$\geq 1335 \mu\text{W}/\text{cm}^2$
Input voltage (Universal)	120 - 277V, 47Hz - 60Hz
Total lamp quantity	3
Total UV irradiation intensity	$4005 \mu\text{W}/\text{cm}^2$



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Product Features

1. Powerful UV intensity of 4000 $\mu\text{W}/\text{cm}^2$. Inactivate 99.9% of virus in a 10,000 sq. ft. space within 30 minutes.
2. Embedded Commercial grade hotspot modem for 4G/LTE IoT communication.
3. Embedded GPS sensor to report the location of the UV cart while operation.
4. Embedded WiFi smart switch to control and monitor UV lamps with smartphone App through internet connection.
5. Electrodeless fluorescent bulbs with 3 times of UV efficacy over regular UV lamps.
6. Timer and **remote control** CELLO UV Cart 1000W Cart allows you to set up 0-60min timer and use delay start (50 seconds) to allow safe and convenient operation.
7. Smartphone App remote control for you to turn on or off remotely anywhere anytime.
8. Work Log with timing and location information.

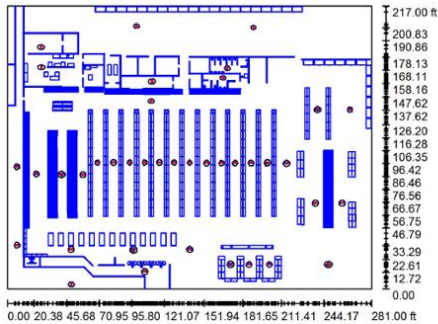
The screenshot displays the Cello UV Cart app interface. On the left, a map shows the location of the UV cart, with a red pin and a black path indicating movement. The map includes labels for 'Washington St' and 'W. Ave'. A 'Back' button is visible in the top left corner. On the right, a table lists the work log entries, including ON/OFF times, duration, and GPS status.

ON: 6/2/2020 9:39:12 AM	OFF: 6/2/2020 9:39:16 AM	Duration: 00:00:04	GPS
ON: 6/2/2020 9:37:37 AM	OFF: 6/2/2020 9:37:43 AM	Duration: 00:00:06	GPS
ON: 6/1/2020 11:27:40 AM	OFF: 6/1/2020 11:28:22 AM	Duration: 00:00:42	GPS
ON: 6/1/2020 11:19:04 AM	OFF: 6/1/2020 11:20:56 AM	Duration: 00:01:52	GPS
ON: 6/1/2020 11:08:27 AM	OFF: 6/1/2020 11:09:09 AM	Duration: 00:00:42	GPS
ON: 6/1/2020 12:06:56 AM	OFF: 6/1/2020 12:13:58 AM	Duration: 00:07:02	GPS
ON: 5/31/2020 2:14:31 PM	OFF: 5/31/2020 11:39:56 PM	Duration: 09:25:25	GPS
ON: 5/31/2020 1:29:42 PM	OFF: 5/31/2020 2:13:21 PM	Duration: 00:43:39	GPS
ON: 5/31/2020 1:04:39 PM	OFF: 5/31/2020 1:28:15 PM	Duration: 00:23:36	GPS



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Reference Projects



Height of Room: 18.000 ft, Mounting Height: 2.300 ft, Light loss factor: 0.80

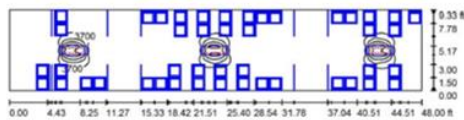
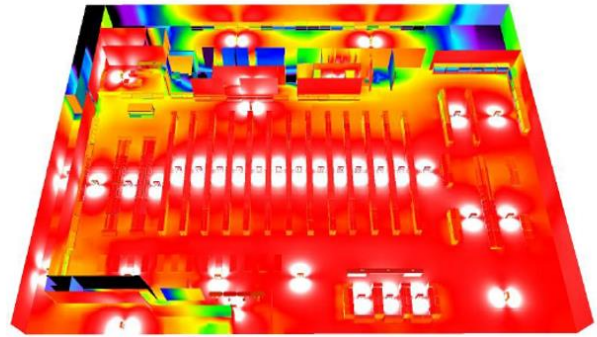
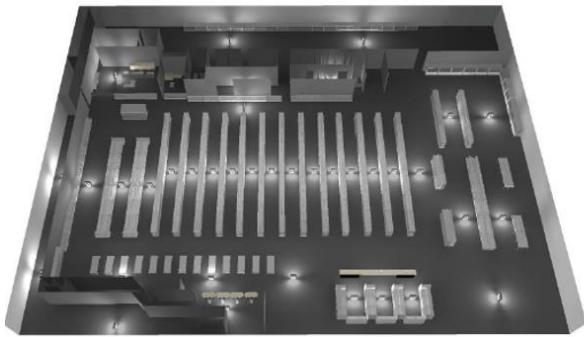
Supermarket - 1000W PLUS (61,000 sq. ft.)



>40 35 30 25 20 15 10 5 1

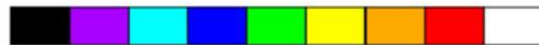
Time (in Minutes) to inactivate 99.9% of Coronavirus

Cleaning Plan: 1 cart with 39 Step in 3.25 hours



Height of Room: 12.000 ft, Mounting Height: 2.200 ft, Light loss factor: 0.80

Train Car - 1000W PLUS (480 sq. ft.)



>40 35 30 25 20 15 10 5 1

Min Irradiation Time (in minutes) to Kill 99.9 of virus

1 Cart with 3 steps: 3 minutes

