

Products that allow night time testing throughout the day.

- ✓ NEST - Night Environment Simulation Tunnel
- ✓ 5 Lamp Euro NCAP street lighting
- ✓ LED Brake light simulation for soft targets

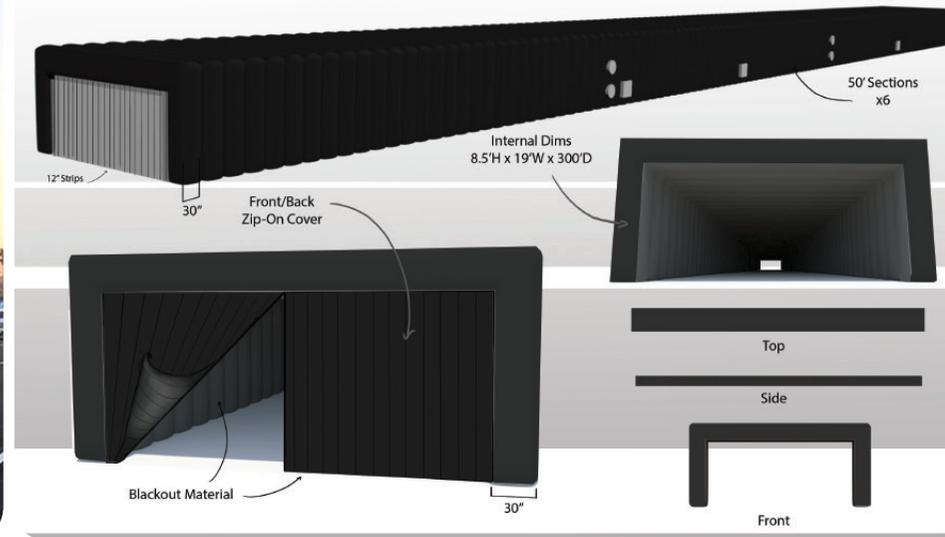
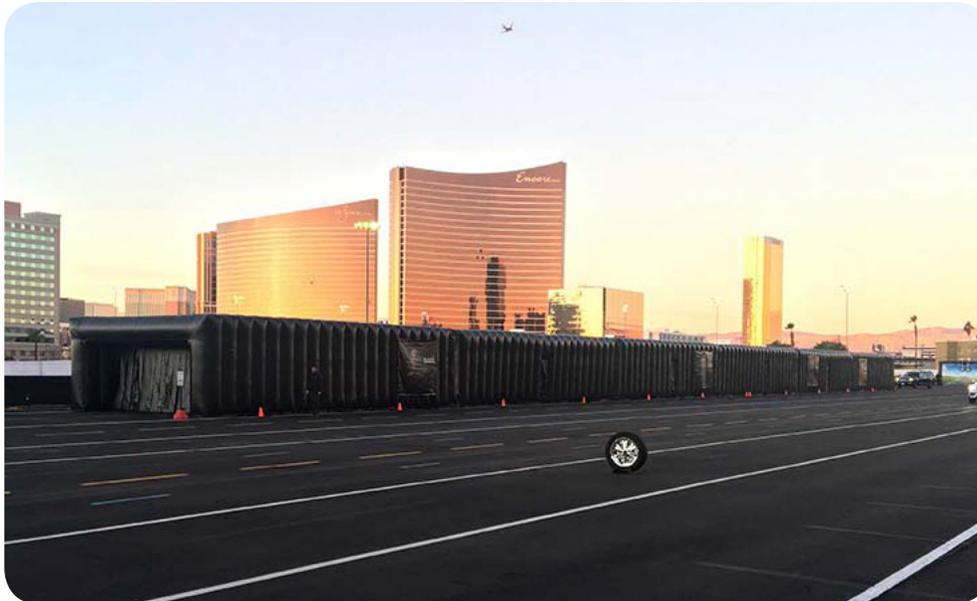


Night Environment Simulation Tunnel (NEST)

Testing in the dark during daylight and poor weather conditions



- ✓ GNSS visibility: - RTK 13 Satellite average over 24 minutes
- ✓ Background luminance: - < 0.8 Lux
- ✓ Environmental: Winds up to 20 MPH, Gusting 25 MPH



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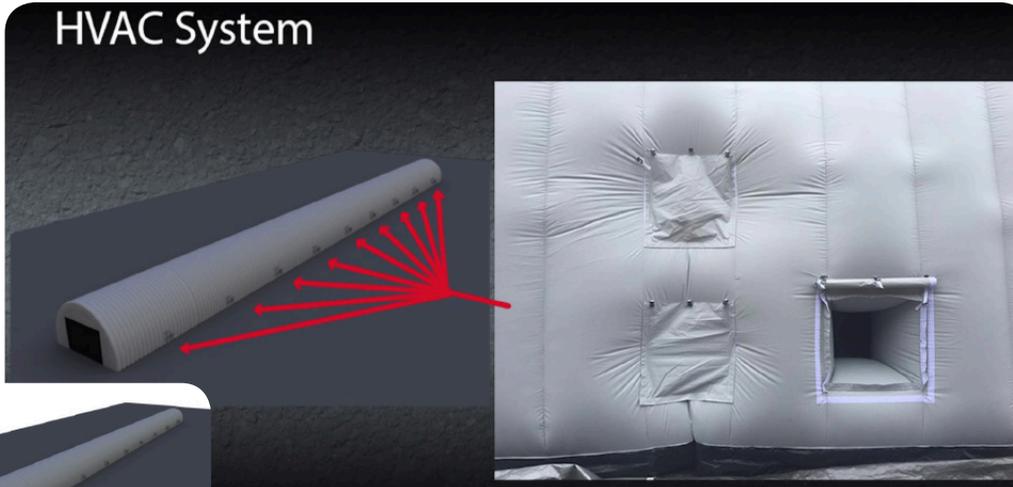
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Night Environment Simulation Tunnel (NEST)

Testing in the dark during daylight and poor weather conditions



HVAC System

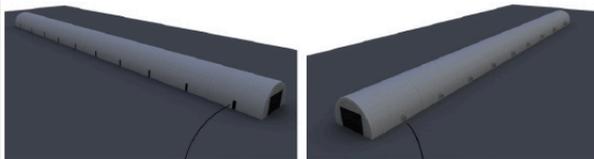


✓ Accommodates street lighting for 5 lamps

✓ Extraction and Air conditioning solutions

✓ Escape doors

✓ Site survey included

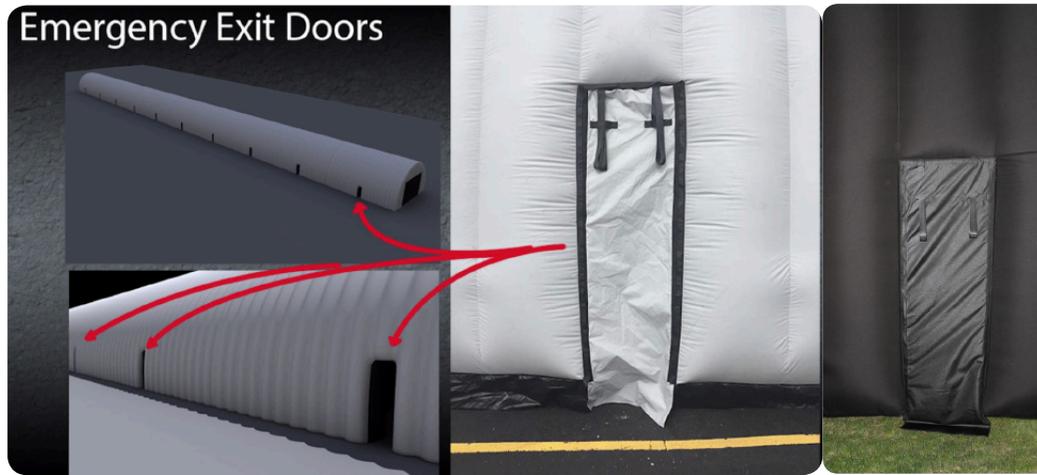


Emergency Man Doors



HVAC In/Out Exhaust Port

Emergency Exit Doors



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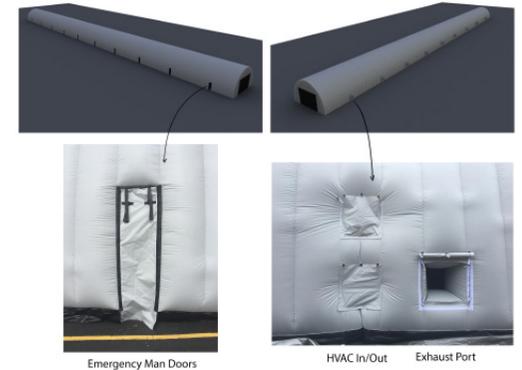
Night Environment Simulation Tunnel (NEST)

Testing in the dark during daylight and poor weather conditions



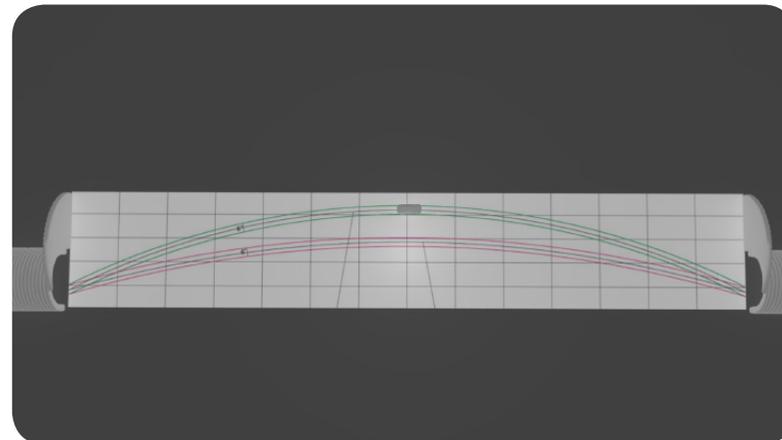
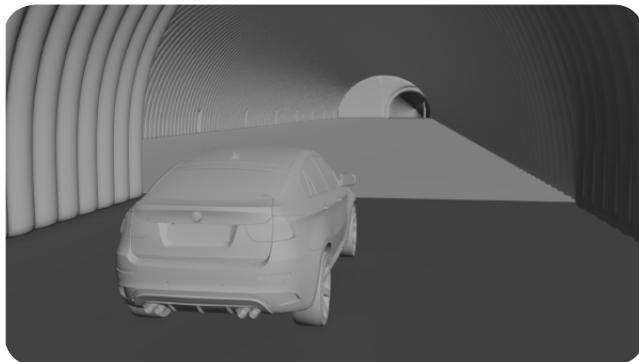
P-NEST

A pedestrian 10 section 152m long tunnel solution for Euro NCAP VRU testing



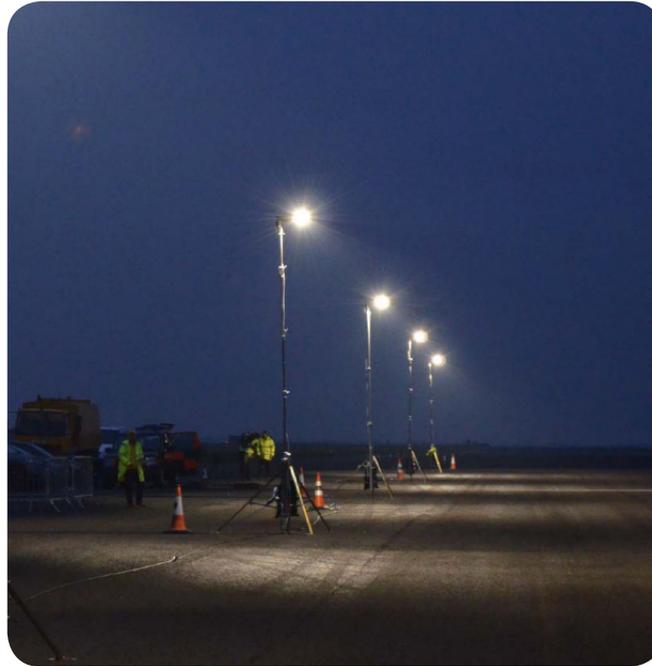
IIHS Headlight Testing

Possible solution with a larger section in the middle?



5 Lamp Euro NCAP

Street Lighting and mast packages for VRU testing in the dark



✓ Choice of lamp head:
Zeta
Schuch

✓ Designed for Euro NCAP AEB VRU spec:
VUT vehicle path 19+/- 3 lux
EPT path > 5 lux

✓ Precision mast alignment control to 0.1 deg
turn-able base option with degree counter

✓ Choice of either tripod or concrete base

✓ Option for Konica Minolta T-10A
lightmeter to be included

✓ Solutions includes all cabling



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LED Brake Light Simulation

Brake light simulation for all soft targets



- ✓ Changeable LED heads
- ✓ Back light and Brake light
- ✓ Simulates braking effect
- ✓ Fits any soft target



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