# **D**slipstream

# **ESTCP EW21-5007**

Strategic Integration of Innovative Lighting Retrofits and Controls Across DoD

#### PRESENTER

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Slipstream is a nonprofit that discovers, tests, and scales climate solutions in buildings and communities.

#### PARTNERS













#### FUNDED BY









SLIPSTREAM



DoD spends \$3.3 billion on energy each year, 15% of which is for lighting. Typical retrofits are LED-only, leaving additional savings (up to 70%) from advanced lighting controls stranded.

There is a huge knowledge gap in advanced lighting controls within DoD.

Our project will inform **DoD managers**, designers, and operators about advanced controls concepts, the principles of operations, and general cost-effectiveness of the most common control strategies.



# A NEW RESOURCE TO UNDERSTANDING ADVANCED LIGHTING CONTROLS



#### **DID YOU KNOW?**

### **OBJECTIVES**

**INFORM** DoD stakeholders about advanced lighting controls

- ESTCP demonstrations and lessons learned
- Energy savings and economics
- Non-energy benefits

**TRAIN** DoD lighting vendors and contractors on the technical aspects of advanced LED controls

**INCREASE** ESCO and UESC familiarity with this technology

**UPDATE** the Whole Building Design Guide and the Unified Facilities Criteria

#### **LEARNING MANAGEMENT SYSTEM WITH ON-DEMAND VIDEOS** https://slipstreaminc.org/solutions/estcp/advanced-lighting-controls

### **ENERGY SAVINGS AND IMPROVED OCCUPANT SATISFACTION**



### HOW WE DO IT



#### **ON LOCATION TRAININGS AND WORKSHOPS**





#### APPROACH

#### FACT SHEETS AND CASE STUDIES

