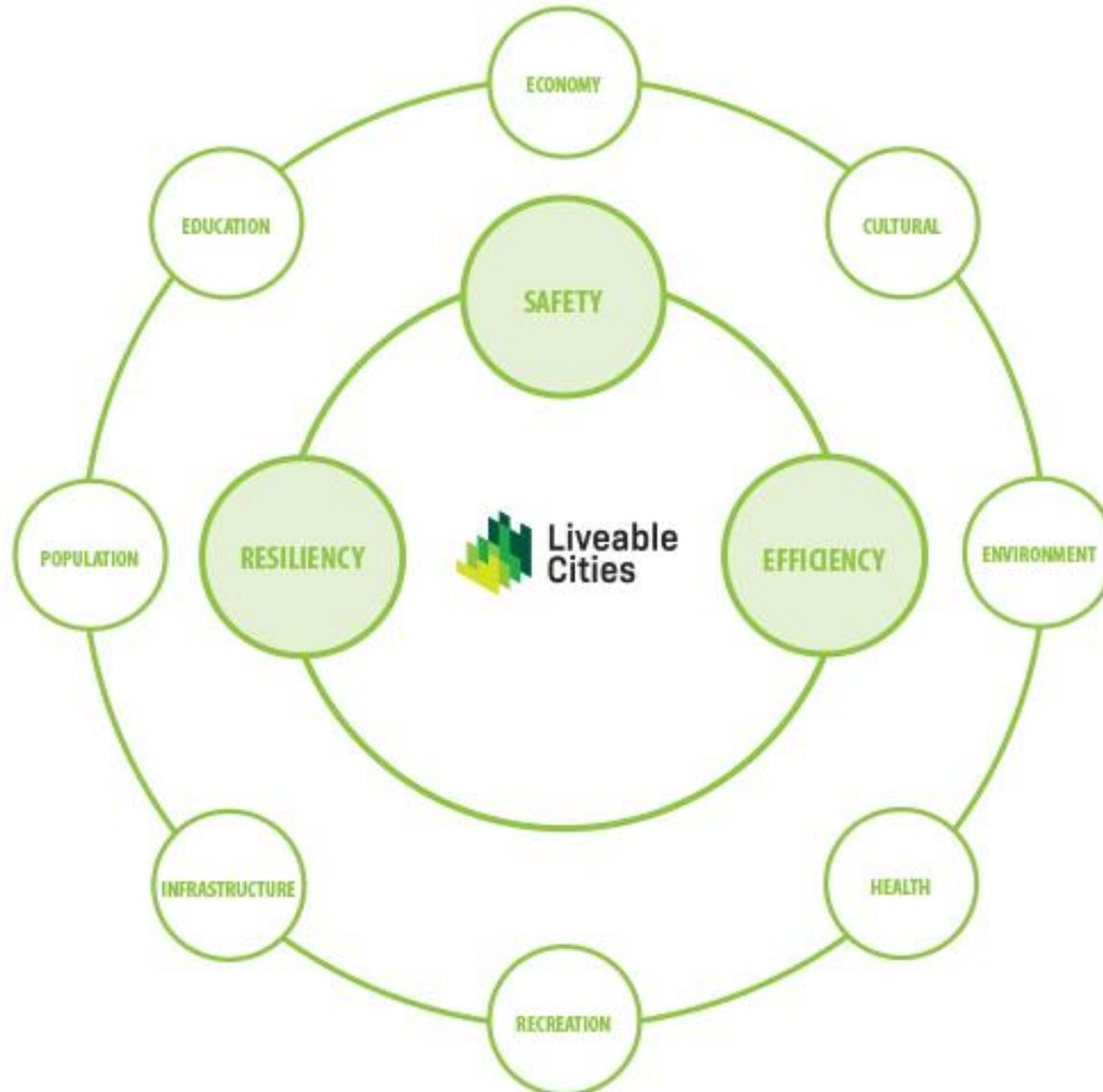


SMART = SAFE + RESILIENT + EFFICIENT



System Health C...
0.41 %
 Objects in error
1
 Open Tickets

228462
Objects

- 8106 ChargingStation
- 445 AccessPoint
- 1603 WasteContainer
- 11214 NoiseSensor
- 440 LightingControlBox
- 1 GenericSensor
- 1 LightSensor
- 1 EnvSensor
- 1 TrafficCamera
- 198639 LightPoint
- 8010 Camera

1 Tickets / New

Date	Id	Title	State
Jan 20, 2019, 12:12:21 AM	CLX-2	New Ticket	New

Status Trend

930
Object Failures

228
Errors

702
Warnings

Variation
(last 24 hours)
-3 (-0.32%)

Weekly Energy Report
 Paris Cameras, Paris Light Points, LEDRoadwayLighting

Latest Reported Active Failures

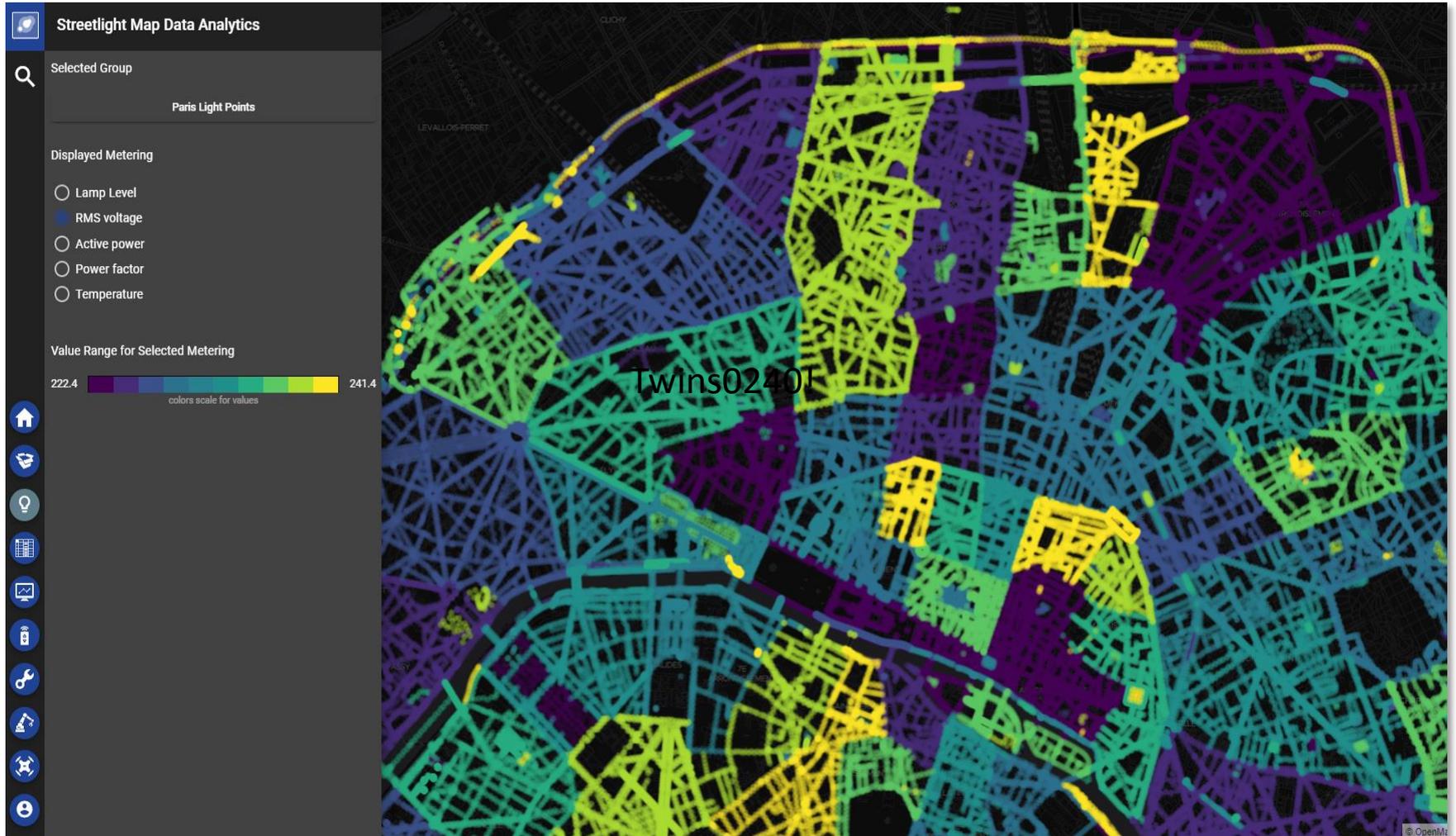
Date	Failure	Object
Jun 19, 2019, 9:00:00 PM	RMS voltage is greater than expected	Light Point 193155
Jun 19, 2019, 9:00:00 PM	Ballast failure	Light Point 153032
Jun 19, 2019, 8:00:00 PM	RMS current is below the threshold	Light Point 228934
Jun 19, 2019, 7:00:00 PM	Network communication failure	Light Point 175263

Status Map: LightPoint
 LEDRoadwayLighting/

STREETLIGHT STATUS



STREETLIGHT HEAT MAPS



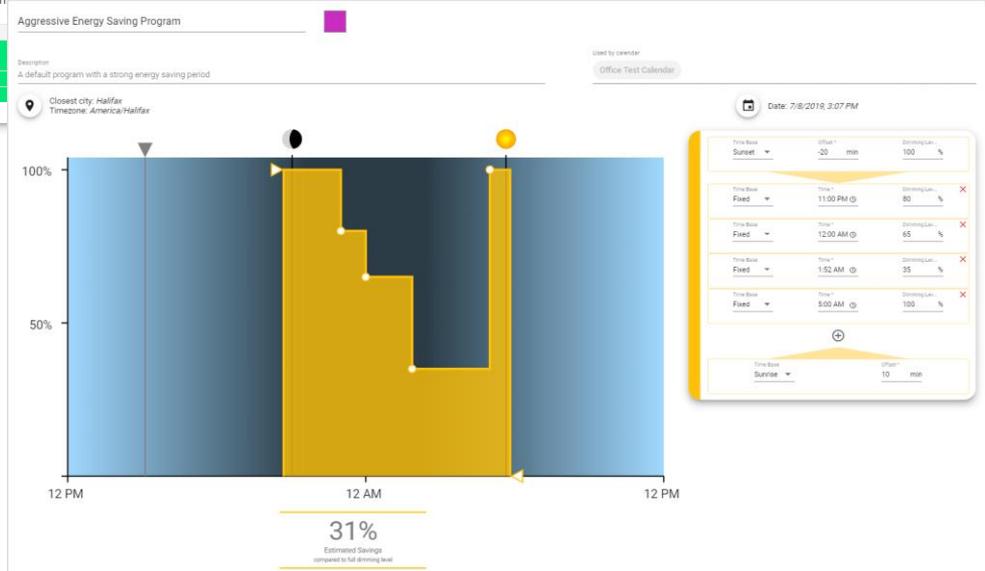
STREETLIGHT SCHEDULE

Office Test Calendar

Description
Test Calendar 90% at Dusk, 50% at midnight, 100% at 5:00 AM, OFF at Dawn

Default Dimming Program
Halifax Parking Lot Default

Programs in use
Halifax Parking Lot Default Aggressive Energy Saving Program



Automation

- Open ticket on Lamp Failure stopped
- Create empty task running
- Create from existing task...
 - Email Report
 - Test
 - Day Burner
 - Weekly Energy Report
 - Power Factor Threshold below 90%
 - Energy Task
- Clone of New automation ta
- New automation task
- Open ticket on Lamp Power
- Kurila automation task
- Amin's Automation Task

Check for NLC Communication Error

Add a task description

```

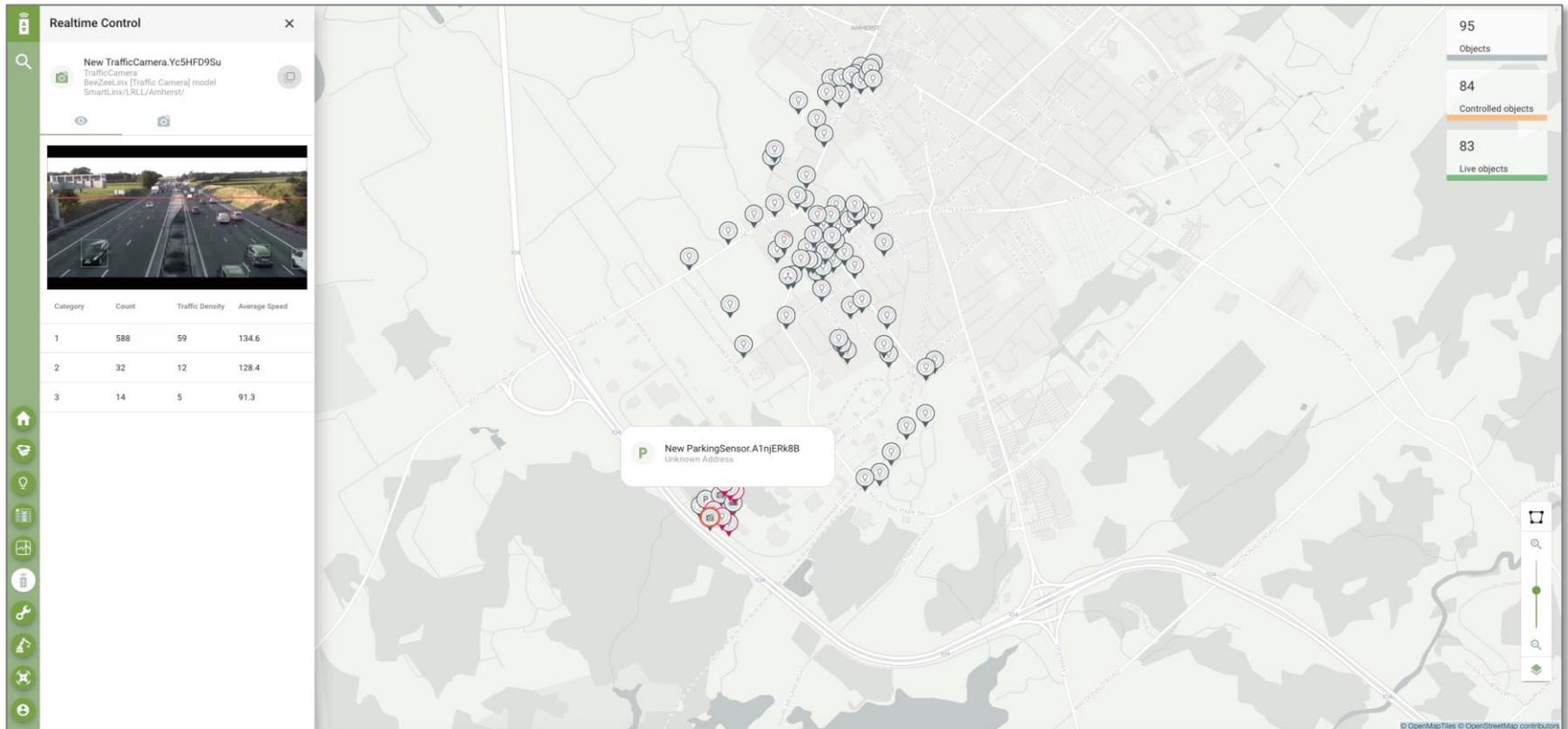
            graph TD
            Start([Every 60 Minutes]) --> QueryClear[Query Comm's Clear]
            QueryClear --> SetFalse[Set Comm's Error Flag False]
            SetFalse --> QueryError[Query Comm's Error]
            QueryError --> SetTrue[Set Comm's Error Flag True]
            SetTrue --> CheckErrors[Check for more than 5 Errors]
            CheckErrors -- Yes --> IsTicketOpen[Is a ticket already open]
            CheckErrors -- No --> SetTrue
            IsTicketOpen -- Yes --> UpdateTicket[Update an existing ticket]
            IsTicketOpen -- No --> OpenTicket[Open a ticket]
            OpenTicket --> SendEmail[Send an email]
            
```

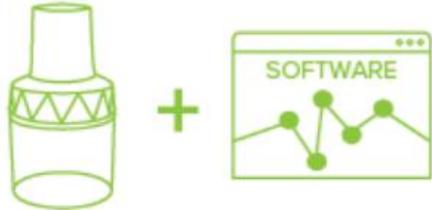
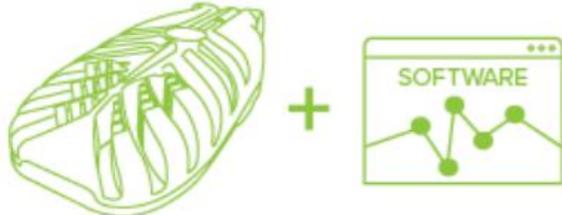
Execution log

- blockDone Every 60 Minutes
- blockStarted Query Comm's Clear
- blockDone Query Comm's Clear
- blockStarted Set Comm's Error Flag False
- blockDone Set Comm's Error Flag False
- blockStarted Query Comm's Error
- blockDone Query Comm's Error
- blockStarted Set Comm's Error Flag True
- blockDone Set Comm's Error Flag True
- blockStarted Check for more than 5 Errors
- blockDone Check for more than 5 Errors
- blockStarted Is a ticket already open
- blockDone Is a ticket already open
- blockStarted Update an existing ticket
- blockDone Update an existing ticket
- blockStarted Open a ticket
- blockDone Open a ticket
- blockStarted Send an email
- blockDone Send an email
- blockStarted Every 60 Minutes
- blockDone Every 60 Minutes
- blockStarted Query Comm's Clear
- blockDone Query Comm's Clear
- blockStarted Set Comm's Error Flag False
- blockDone Set Comm's Error Flag False
- blockStarted Query Comm's Error
- blockDone Query Comm's Error
- blockStarted Set Comm's Error Flag True
- blockDone Set Comm's Error Flag True
- blockStarted Every 60 Minutes
- blockDone Every 60 Minutes



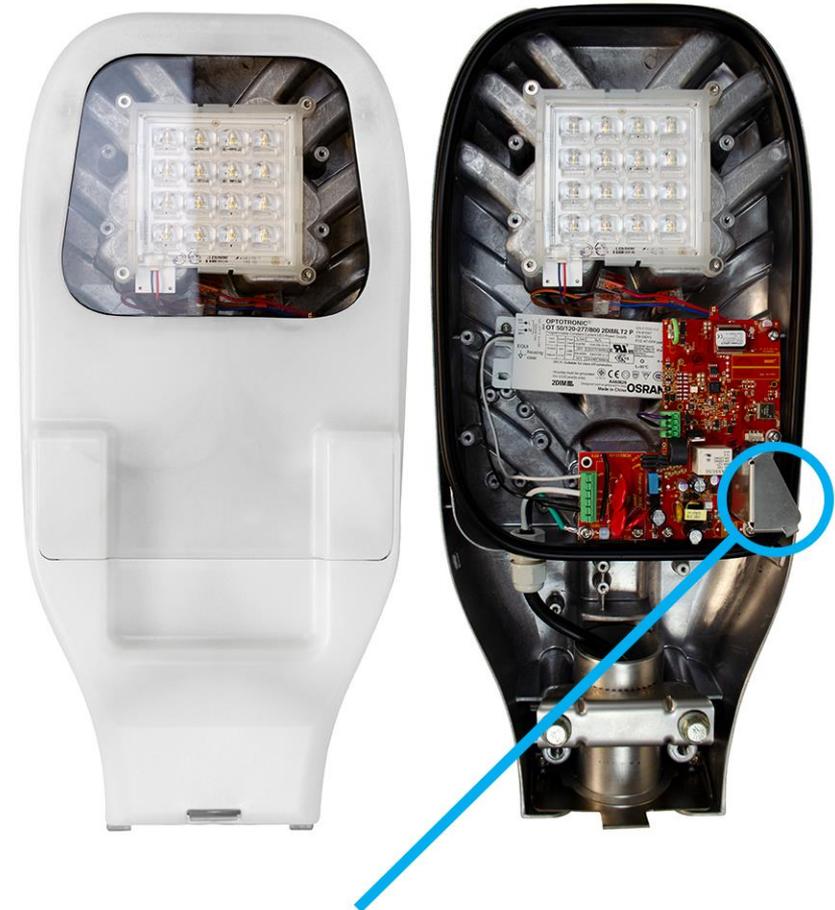
DATA ACQUISITION PLATFORM (DAP)



DAP / TSP	DAP / SLiQ
 <p>Toolless Sensor Platform (TSP) Lighting Controller Add to any streetlight with a NEMA receptacle.</p> <p>INCLUDED</p> <ul style="list-style-type: none">• Lumen IQ TSP cellular controllers with Radar Traffic Sensor• Customer account set-up/ SmartLinx commissioning• Online customer SmartLinx training.• Lighting scheduling data• Long term road use analysis• Traffic intervention initiative analysis• 1 year SmartLinx software license• 1 year support services• Data plan for SIM	 <p>Streetlight iQ (SLiQ) LED Luminaire Replace any luminaires</p> <p>INCLUDED</p> <ul style="list-style-type: none">• SLiQ LED luminaires equipped with internal Radar Traffic Sensors• Customer account set-up/ SmartLinx commissioning• Online customer SmartLinx training.• Lighting scheduling data• Long term road use analysis• Traffic intervention initiative analysis• 1 year SmartLinx software license• 1 year support services• Data plan for SIM

SLiQ “D” - DATA SENSING SERIES

- **D = Data (Radar Sensing)**
- **Integrated controls + sensing for cost**
- **This is for the customer who knows they want controls + sensing and want to:**
 - Save money on controls / traffic data acquisition / speed profiling / motion
 - Increase reliability
 - Eliminate external electrical connections/ spring contacts
 - Reduce part count and failure points
 - No sealing/gasketing to consider
 - Remove controller and components from direct UV exposure



Optional Integrated Radar
Designed to work with all LRL network Partners

**ACTIVE
MONITORING**

**DIRECT
FINANCING**

**RENTAL
PROGRAM**

**PROJECT
MANAGEMENT**

**LIGHTING
DESIGN SERVICES**

**ASSET
SURVEYS**

THANK YOU

Any questions or comments?

