

1/11/2023

Matthew Boucher  
GRAYBAR ELECTRIC

Re: Ledyard Middle School – LED Sports Lighting Project, PO# 4703592443

Dear Matthew,

Thank you for your Ephesus LED sports lighting purchase. Our team is dedicated to ensuring the success of your lighting project. To that end, we have completed a comprehensive Technical Analysis on your project. This letter serves as a confirmation of the project specifics and lists any outstanding questions.

### **Order Recap**

- 12 - EPH-LS-08-0640L-BLK-57-70-4S-C04-LV-AM-LY-A00-HEG-BP-ST – Lumasport 8 NEMA 4S 5700K 70 CRI fixtures with low voltage – Black
- 1 – AF-0211 – Aiming Laser
- 1 – EPH-LTGSTR-C-MSM – Non-wired Angle Iron Crossarms for Wood Poles (Thru-Bolt Mount)

### **Design Notes**

Photometric design **was not required** for this project.

### **Retrofit Installations**

The integrity of existing structures (poles) is your responsibility. It is advised that you perform an analysis to confirm the structural integrity before installation. Our team can provide references for structural engineers upon request.

### **Lumasport 8 LED Fixtures**

See the fixture spec sheet attached

Branch circuit power shall be 120-277VAC only

Synapse wireless controls capability included, can be purchased / added at a later time

See the Lumasport 8 Standard Installation Manual for more information attached

### **Roles and Responsibilities Summary**

#### **Ephesus Responsibilities**

1. Furnish Lumasport 8 fixtures with accessories
2. Furnish non-wired angle iron crossarms with thru-bolts for wood poles (through pole manufacturer)

**Owner/Installer/Others Responsibilities**

- 1. All aspects of installation including installing fixtures, crossarms, and control equipment, providing power to fixtures and control enclosures, addressing fixtures, aiming fixtures, and verifying light levels if required.
- 2. Owner is responsible for verifying that lighting circuit voltages are within 3% of nominal. Owner must correct any sag or surge outside of that voltage range before fixtures are installed.
- 3. Cooper Lighting is not responsible for existing poles and makes no guarantees that the existing poles are sufficient to support the new crossarms and fixtures.
- 4. Cooper Lighting is not responsible for ensuring EPA calculations have been satisfied.

**Project Schedule**

Project milestone dates:

- 1. Desired date to have all materials on site – *ASAP*
- 2. Scheduled Installation start date – *please provide*
- 3. Scheduled Installation completion date – *please provide*

Please provide any updated installation dates to Ephesus asap. Ephesus shall make every effort to deliver all material to the site prior to the planned start date; however, delivery dates are not guaranteed. Ephesus will communicate planned production and estimated ship dates as information is available.

**Confirmations**

Please review and confirm the following information:

- The branch circuit voltage on all lighting circuits is 120-277VAC.
- The Shipping address should be:

Attn: SCOTT JOHNSON  
 860-705-2123  
 TOWN OF LEDYARD  
 889R COLONEL LEDYARD HWY  
 LEDYARD, CT 06339

- Receiver has the ability to offload pallets from freight delivery truck including loading dock and forklift/pallet mover.

**Attached Files for Review**

These documents are attached as part of this submittal:

- 1. Fixture cut sheets
- 2. Installation manual

If you have any questions, please let us know.

Please sign below and return to acknowledge receipt of this information and acceptance of these terms:

Signature: \_\_\_\_\_

Print name: \_\_\_\_\_

Title: \_\_\_\_\_

Date: \_\_\_\_\_

Thank you for your business and we wish you many years of enjoyment with your new state-of-the-art LED sports lighting system.

Sincerely,

Naz Argun  
Project Manager