

SECTION 26 51 00 LIGHTING

PART 1 GENERAL

1.1 SUMMARY

- A. Section Includes
 - 1. This section specifies the furnishing of Big Ass Light's High Bay LED luminaires.
 - 2. Installation of the luminaires, field electrical wiring, cable, conduit, fuses and disconnect switches, other than that addressed in the installation scope of work, shall be provided by others. Factory installation services are available through Big Ass Light. Consult the appropriate installation scope of work for information on the available factory installation options, overview of customer and installer responsibilities, and details on installation site requirements.

1.2 RELATED REQUIREMENTS

- A. 01 74 19 Construction Waste Management: Disposal of Lamps
- B. 02 41 00 Demolition: Removal and Disposal of Lamps and Ballasts
- C. 25 01 00 Operation and Maintenance of Electrical Systems
- D. 26 01 50 Operation and Maintenance of Lighting
- E. 26 05 00 Common Work Results for Electrical
- F. 26 09 00 Instrumentation and Control for Electrical Systems
- G. 26 09 23 Lighting Control Devices
- H. 26 09 33 Central Dimming Controls
- I. 26 09 36 Modular Dimming Controls
- J. 26 09 43 Network Lighting Controls

1.3 REFERENCES

- A. Canadian Standards Association (CSA)
- B. DesignLights Consortium (DLC)
- C. International Electrotechnical Commission (IEC)
- D. Illuminating Engineering Society (IES)
- E. National Electrical Code (NEC)
- F. National Fire Protection Association (NFPA)
- G. TÜV SÜD
- H. Underwriters Laboratories (UL)

1.4 SUBMITTALS

- A. Shop Drawings: Drawings detailing product dimensions, weight, and attachment methods.
- B. Product Data: Specification sheets specifying electrical and installation requirements, along with features and benefits.
- C. Revit Files: Files provided for architectural design.
- D. Product Documentation: The manufacturer shall furnish a copy of all installation, operation, and maintenance instructions for the luminaire. All documents are subject to change without notice.
- E. Schedule

1.5 QUALITY ASSURANCE

- A. Manufacturer Certification: The manufacturer shall be ISO 9001-certified.
- B. Product Certification:
 - 1. The luminaire with all its components, as a system, shall be certified by TÜV SÜD and shall be built pursuant to guidelines set forth by UL Standards 1598 and 8750; CSA Standards C22.2 No. 250.0 and C22.2 No. 250.13; Low Voltage Directive 2014/35/EU; IEC/EN 60598-1, IEC/EN 60598-2-1, and IEC/EN

62471; EMC Directive 2014/30/EU: EN/IEC 55015, EN/IEC 61547, EN/IEC 61000-3-2, and EN/IEC 61000-3-3; EMF EN/IEC 62493.

- 2. The luminaire shall be listed on the Qualified Products List of the DesignLights Consortium®.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. The luminaires shall be delivered in original, undamaged packaging with identification labels intact. The luminaires and any accessories shall be new, free from defects, and factory tested.
- B. The luminaires and any accessories must be stored in a safe, dry location, protected from both the weather and construction debris, until installation.

1.7 WARRANTY

- A. The manufacturer shall replace any products or components defective in material or workmanship, free of charge to the customer (including transportation charges within the USA, F.O.B. Lexington, KY), pursuant to the complete terms and conditions of the Big Ass Solutions Non-Prorated Warranty in accordance to the following schedule:

Item	Warranty Period
Parts (including power supplies)	7 years
Labor	1 year

PART 2 PRODUCT

2.1 MANUFACTURER

- A. Big Ass Light, LLC, a subsidiary of Big Ass Solutions. PO Box 11307, Lexington, Kentucky 40575, USA. Phone: (877) 244-3267. Fax: (859) 233-0139. Website: www.bigasslight.com

2.2 DESCRIPTION

- A. The luminaire shall be an LED fixture with an anodized aluminum housing and a modular design that allows lenses to be interchanged and replaced in the field with the luminaire in its normally installed position.
- B. The luminaire shall be DLC listed. The luminaire with all its components, as a system, shall be certified by TÜV SÜD and shall be built pursuant to guidelines set forth by UL standard 1598, UL standard 8750, CSA standard C22.2 No. 250.0, and CSA standard C22.2 No. 250.13.

PART 3 EXECUTION

3.1 PREPARATION

- A. The installation of Big Ass Light products shall be performed by qualified person(s) in accordance with applicable codes such as the NFPA 70: National Electrical Code; Canadian Electrical Code, Part I (CSA C22.1-06); and all local codes.

3.2 INSTALLATION

- A. The luminaire shall be installed by a factory-certified installer according to the manufacturer’s installation guide.

3.3 MAINTENANCE

- A. Maintenance shall be performed according to the manufacturer’s installation guide.

END OF SECTION