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**Specification for operation and maintenance of urban luminous
environment landscape lighting facilities**

城市光环境景观照明设施运行维护服务规范

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Foreword

This document is in accordance with the provisions of GB/T 1.1-2020 "Guidelines for standardization work Part 1: Structure and drafting rules for standardization documents" Drafting.

Please note that some of the contents of this document may involve patents. The issuing organization of this document does not assume the responsibility for identifying patents.

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Operation and maintenance of urban light environment landscape lighting facilities Service Specification

1 Scope

This document specifies the organizational management, facility handover, operation requirements, inspection requirements, maintenance requirements, materials, and other aspects of landscape lighting facility operation and maintenance.

Management requirements and operation and maintenance quality evaluation.

This document is applicable to the operation and maintenance service units for blocks, squares, bridges (including pedestrian overpasses), parks, green spaces, rivers, scenic spots and other public areas.

The operation and maintenance of landscape lighting facilities in public places with buildings and structures as carriers (hereinafter referred to as "operation and maintenance") is also applicable to property units.

Or a third-party organization evaluates the quality of operation and maintenance services.

2 Normative references

GB/T 22239

GB 50303

3 Terms and definitions

The terms and definitions defined in GB 50303 and the following apply to this document.

3.1 Landscape lighting

Lighting using artificial light for decorative and landscaping purposes.

3.2

A general term for nighttime functional lighting and landscape lighting for outdoor public spaces, buildings and other landscapes.

3.3 Run operation

Carry out daily inspections, start and stop control, working status monitoring, data statistics changes and optimization adjustments of landscape lighting facilities.

3.4 Maintenance

To ensure the daily maintenance and upkeep of the normal operation of landscape lighting facilities.

Note 1. Daily maintenance generally includes facility cleaning, facility reinforcement, lamp angle correction, facility anti-corrosion, etc., and is carried out in conjunction with inspection work.

Note 2. Maintenance includes general fault maintenance, major fault maintenance, emergency repair, external force damage maintenance, etc.

Note 3. General fault maintenance refers to maintenance performed on general damage to facilities (such as sporadic light failures, partial light failures, local damage that does not affect safe operation, etc.).

Note 4. Major fault repair is for faults that occur in the facility itself and are difficult to repair in a short period of time (such as. bulk damage to lighting fixtures, line failure, transformer and distribution failure, etc.) Facility failure, etc.)