

Easy

Assistant Engineer (Electrical), Class II

2025

Building Department

- A

(HPS)
- B
- C
- D

(LED)

Correct

Correct Answer: D

Full Detailed Explanation

Concept & ReasoningHPS, mercury-vapor and metal-halide technologies were widely used historically, but LED systems reduce energy and maintenance costs and support dimming/remote controls. Actual performance depends on luminaire efficacy, optics, thermal design and driver quality.How to Solve It in the ExamModern new street lighting    LED.Important Exam PointCompare complete luminaire performance, not only lamp wattage.Related Revision PathThis question sits in the revision path Building Electrical Services    Lighting    Street Lighting

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