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Product Name :

**Light Intensity Control System** 

Product Code: CSL0011



## **Description:**

Light Intensity Control System

## **Technical Specification:**

Light Intensity Control System Feedback control of light intensity Study of inherent non-linearties- sensor, lamps PI control Dynamic response display Experiments & specifications: Characterization of light panel and light sensor blocks Study of a practical single loop feedback control system which includes: - Disturbance study - Error monitoring Performance improvement through P-I control Evaluation of dynamic behaviour Seven lamps 6V/300mA 5 Hz square wave and triangular wave for dynamic response study Switch selectable PI-Controller Built-in 3.5 digit DVM Built-in IC regulated power supplies 220 +/- 10%, 50 Hz mains operation Detailed literature and patch cords included

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