LAB ENGINEERING

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| **Product Name :** Light Intensity Control System | **Product Code :** CSL0011 |
|---|---|

**Description :**

Light Intensity Control System

**Technical Specification :**

Light Intensity Control System 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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