



Certification Laboratory

Photometry Laboratory

The Photometry Lab provides standard measuring services for our customers in the field of lighting and light signalling devices for motor vehicles. This laboratory includes certification services for lighting and light signalling devices as per CMVR and Developmental testing as per national and international standards or regulations such as AIS, ECE & SAE.

Goniophotometer

- Make : LMT Lichtmesstechnik GmbH Berlin
- Vision : GO- H 1600
- Maximum Test Object Dimensions
 - Weight : 50 Kg
 - Width : 1600 mm in horizontal axis
 - Table : 220 mm x 570 mm
 - Servo Motor controlled crossway



Reflectance & Transmission Measurement System

- Integrating sphere (Φ 500 mm) which measures the reflectance(ρ), diffuse reflectance(ρ_d), transmittance(τ) and diffuse transmittance(τ_d) values in terms of percentage for Rear View Mirrors as per AIS:001, ECR:46





Integrating Sphere

- Luminous flux measuring equipment with integrating spheres are standard measurement of luminous flux of lamps or luminaries
- The equipment is constructed according to German Standard DIN 5032, part 1 & fulfil the requirements of CIE publication No.84" The Measurement of luminous flux



Transmission & Diffusion Measurement System

- Measure the determination of stray-radiation of transparent material, inside defined angular areas as per AIS:010, IS: 2553, ECER: 43.



Spectral Measurement System

- SMUV measures the light solutions particularly in the UV, Visible and NIR as per AIS: 010, 012, 34, ECE R: 037,099.



Profile Projector

- ISP- Z3015 digital measuring projector is a precise & excellent effective measuring instrument integrating optic, mechanic & electricity.
- Dimension Measurement of the Automotive Light Sources AIS:034, ECR:037,099.

