



Lamps & Luminaires
(LED, Fluorescent, Tungsten,
Drivers, Dimmers etc.)

- BTH has the state of art Photometry Laboratory with two sets of C-Type Goniophotometer.
- BTH became the first lab in India having LM80 test facilities.



BHARAT TEST HOUSE PVT. LTD.
NABL ACCREDITED & BIS RECOGNISED, ISO 9001, ISO 14001 & ISO 45001 CERTIFIED LAB



Recognised



Lamps & Luminaires (LED, Fluorescent, Tungsten, Drivers, Dimmers, etc.)



*BTH became the 1st Lab recognised
by BIS for Electronic Switches (IS/IEC 60669-2-1)*



BTH becomes the only self-owned Lab in India to acquire another C-Type Goniophotometer for Testing of all types of LED lighting as per National and International standards. It has the Largest installed capacity to test wide variety of LED Lighting & Luminaires. **BTH** is the only lab in India to install LM80 testing facility and equipped with different size of integrating spheres-0.5 meter, 1.5 meter & 2 meter.

LED Lamps, Luminaires & Accessories

Products/Test	Standard
Rope Lights	IS 10322-5-9, IEC 60598-2-21
Handlamps	IS 10322-5-6, IEC 60598-2-8
Flood-Lights	IS 10322-5-5, IEC 60598-2-5
Lighting Chains	IS 10322-5-7, IEC 60598-2-20
Emergency Lighting	IS 10322-5-8, IEC 60598-2-22
Recessed Luminaires	IS 10322-5-2, IEC 60598-2-2
Luminaire Performance	IS 16107-2-1
Fixed General Purpose Luminaires	IS 10322-5-1, IEC 60598-2-1
Portable General Purpose Luminaires	IS 10322-5-4, IEC 60598-2-4
Luminaires for Road and Street Lighting	IS 10322-5-3, IEC 60598-2-3
LED Modules for General Lighting (Safety & Performance)	IS 16103-1, IEC 62031 IS 16103-2, IEC 62717
Methods of measurement of Lumen Maintenance of SSL LED sources	IS 16105, IES LM 80
Methods of Electrical and Photometric measurements of SSL LED sources	IS 16106, IES LM 79
Double Capped Retrofit and Conversion Linear Tubular LED Lamps	IEC 62776
Self - Ballasted LED Lamps for General Lighting Services (Safety & Performance)	IS 16102-1, IEC 62560 IS 16102-2, IEC 62612

Fluorescent, Tungsten Lamps & Luminaires

Products/Test	Standard
Starters For Fluorescent Lamps	IS 2215, IEC 60155
Double-Capped Fluorescent Lamps	IEC 60081, IEC 61195, ANSI C78.81
High Pressure Sodium Vapour Lamps	IS 9974 -1
Compact Fluorescent Lamps (Safety & Performance)	IS 15111-1, IEC 60968, ANSI C78.5 IS 15111-2, IEC 60969
Tubular Fluorescent Lamps (Safety & Performance)	IS 2418-1 IS 2418-2
Tungsten Filament Lamps for Domestic and G. Lighting Purposes (Safety & Performance)	IS 15518-1, IEC 60432-1 IS 418

Ballasts, Drivers & Dimmers

Lamp Controlgear ballast for fluorescent lamps	IS 15885-2-8, IEC 61347-2-8
Ballasts for Fluorescent Lamps (Switch Start Circuits)	IS 1534-1
Lamp Controlgear Starting Devices (Other than Glow Starters)	IS 15885-2-1, IEC 61347-2-1
Ballasts For Discharge Lamps (excluding Tubular Fluorescent lamps)	IS 15882, IEC 60923
D.C. or A.C. supplied electronic control gear for LED modules (Performance)	IS 16104 , IEC 62384
Lamp Controlgear Ballasts for discharge lamps (excluding Fluorescent Lamps)	IS 15885-2-9, IEC 61347-2-9
Lamp Controlgear D.C. or A.C. Supplied Electronic Control Gear for LED Modules	IS 15885-2-11, IEC 61347-2-11
Lamp Controlgear A.C. Supplied Electronic ballast for fluorescent lamps	IS 15885-2-3, IEC 61347-2-3
Starting Devices (Other than Glow Starters) (Safety & Performance)	IS 12449-1 IS 12449-2
AC/DC Supplied Electronic Control Gear For Tubular Fluorescent Lamps (Performance)	IEC 60929

WE OFFER SINGLE WINDOW SERVICE

Lab 1:
781, HSIIDC,
Industrial Estate,
Rai, Distt. Sonipat,
Haryana-131029.



Lab 2:
1474, HSIIDC,
Industrial Estate,
Rai, Distt. Sonipat,
Haryana-131029.

Lab 3:
1668, HSIIDC,
Industrial Estate,
Rai, Distt. Sonipat,
Haryana-131029.

Lab 4:
1668(DIV-II), HSIIDC,
Industrial Estate,
Rai, Distt. Sonipat,
Haryana-131029.

Lab 5:
26, Wazirpur,
Industrial Area,
Wazirpur,
Delhi-110052.



+91 8053000867, +91 9310314585



bthrai@bharattesthouse.com



www.bharattesthouse.com