

TECHINCAL DETAILS

OF

spectraLUX III™

1. INTRODUCTION

spectraLUX-III™ is the latest industrial model of Colour Matching specially designed to meet the specifications of American Buyers and Major US Retail stores. It is a foldable type cabinet, which exhibits high quality construction with exceptional versatility at a very economical price, which is very useful for industrial use. It is the only booth having SIX light sources:

- Artificial Daylight (D-65)
- Cool White Fluorescent Light (CWF)
- U-30 Light (Store Light Matching)
- TL-84 Light -Triphosphor fluorescent Light (Point of Sale)
- INC-A Light (Domestic Light Matching)
- Ultra Violet Black Light (For Whites & Fluorescent Dyes)

2. EQUIPMENT

Paramount *spectraLUX-III*™ is completely made of MS sheet with interior paint, matching with Munsell N/7 which strictly adheres to American standards. The equipment is supplied with all standard four feet tube lights & bulbs for accurate Color assessment. The exclusive feature of the equipment is its detachable type body that can be mobilized anywhere and assembled quickly. In order to safeguard the expensive & sensitive tube lights & bulbs. *spectraLUX-III*™ (normal) is fitted with Electronic/ballasts for Instant start & power saving. Specially designed feather touch control panel with hour meter for user comfort. The unit is meticulously finished in an elegant grey, as per American standards.



Corporate Member

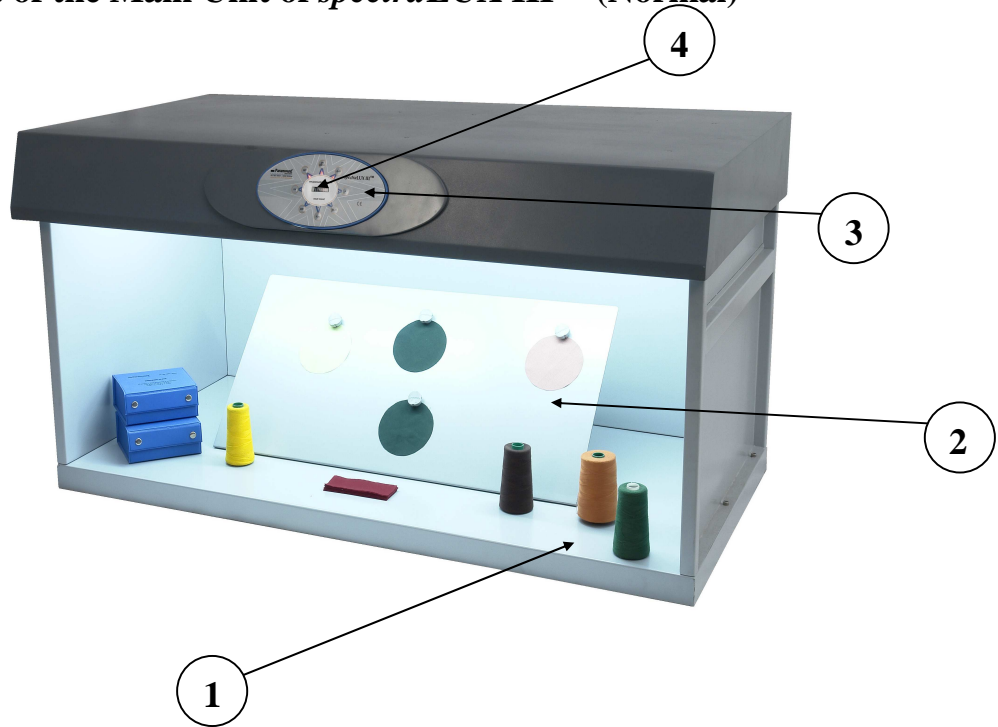


Life Member



Member : Bureau of
Indian Standards

3. Details of the Main Unit of *spectraLUX III*™ (Normal)

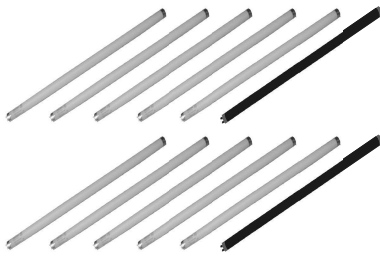


1. Viewing Area.
2. 45° Viewing Table.
3. Feather touch control panel.
4. Hour Totaliser.

4. Details of the Accessories Supplied with *spectraLUX III*[™] (Normal)



Main Unit



Tube Lights 12 Nos.



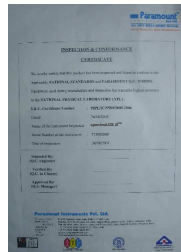
Main Lead with Plug



INCA Bulb - 02 Nos.



Plastic Cap Units to fix the Panels 04 Nos.



Calibration & Inspection
 Conformance Certificate

Unpack your *spectraLUX III*[™] (Normal) and ensure that you have the Following units :

- | | |
|---|-----------|
| 1. Main Unit | : 01 No. |
| 2. Tube Lights | : 012Nos. |
| 3. INC A Bulb | : 02 No. |
| 4. Dust Cover | : 01 No. |
| 5. Plastic Cap Units to fix the Panels | : 04 Nos. |
| 6. Mains Lead With Plug | : 01 No. |
| 7. Detailed User's Manual | : 01 No. |
| 8. Calibration Certificate (Traceable to NPL) | : 01 No. |
| 9. Inspection & Conformance Certificate | : 01 No. |

5. SALIENT FEATURES

- Latest Design & industrial model of colour matching Cabinet as per American standards.
- Ergonomically designed control panel for operator comforts.
- Latest microprocessor based controller for lights with auto sequencing for hands free operation.
- All lights are as per American standards.
- Industrial size cabinet with four feet tube lights.
- This cabinet consists of six standard light sources, CWF, D 65, TL 84, UVB, U 30, and INCA.
- Interior paint, matching with Munsell N/7, which strictly adheres to the American standards.
- Easy Foldable type metal sheet body eases transportation & Installation.
- Specially design model to minimize external interference of light.
- Supplied with calibration & inspection Certificates.

6. TECHNICAL DETAILS OF *spectraLUX III*™ (Normal)

A. SPECIFICATIONS

Main Supply : 230v, 50hz, Ac Single phase.

B. DIMENSIONS

Overall Dimensions of the Instrument : 1320 (L) x 700 (W) x 725 (H) mm.

Viewing area : 1230 (L) x 630(W) x 570 (H) mm

C. LIGHT SOURCES (ILLUMINANTS)

Artificial Daylight Fluorescent Lamps (D-65) : 04 Nos. (20 W)

Tungsten Filament Lamps (Inc A Lamps): : 02 No. (75 W)

Cool White Fluorescent Lamp (CWF) : 02 No. (20 W)

Ultra LUME – 3000 (U-30) : 02No. (20 W)

Triphosphor Fluorescent Lamp (TL-84) : 02 No. (18 W)

Ultra-Violet Black Lamp : 02 No. (18 W)

7. RELATED STANDARD

It adheres to ISO 3664, BS 950, DIN 6173, ASTM D 1729, JIS Z 8723 Standards

NOTE : With our constant endeavour to improve & excel, we reserve the right to alter the specification or modify the appearance without notice.

