

# TECHINCAL DETAILS

## OF

### *spectraLUX II*<sup>™</sup> (Digital)

## 1. INTRODUCTION

*spectraLUX-II*<sup>™</sup> (Digital) is the latest Colour Matching Booth specially designed to meet the requirements of American Buyers and Major US Retail stores. It is a foldable type cabinet, which exhibits high quality construction with exceptional versatility. It is the only booth having SIX light sources:

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

## 2. EQUIPMENT

Paramount *spectraLUX-II*<sup>™</sup> (Digital) 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 tube lights & bulbs for accurate Color Matching. The exclusive feature is its foldable type body that can be taken anywhere and assembled quickly. To safeguard the expensive & sensitive tube lights & bulbs, *spectraLUX-II*<sup>™</sup> (Digital) is fitted with Electronic/ballasts for Instant start & power saving. Specially designed Programmable feather touch control panel for hands free operation. The unit is meticulously finished in an elegant grey, as per American standards.



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### 3. DETAILS OF THE MAIN UNIT OF *spectraLUX II™* (Digital)



**Paramount®**  
 . . . . . Since 1964  
 An ISO 9001 : 2000 Group  
 YOUR QUALITY. OUR OBSESSION.™

1. Hour Totaliser.
2. Digital Control Panel.
3. Viewing Cavity.



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## 4. DETAILS OF THE ACCESSORIES SUPPLIED WITH *spectraLUX II*<sup>™</sup> (Digital)



Main Unit



Tube Lights 06 Nos.



INC A Bulb



Plastic Cap Units to fix the Panels 04 Nos.



Main Lead with Plug



Dust Cover



This User's Manual



Calibration & Inspection Conformance Certificate

*spectraLUX II*<sup>™</sup> (Digital) is Supplied Complete with below Accessories:

- |   |   |         |
|---|---|---------|
| 1. Main Unit                                  | : | 01 No.  |
| 2. Tube Lights                                | : | 06 Nos. |
| 3. INC A Bulb                                 | : | 01 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 colour matching booth to access the colour matching of dyed or printed fabrics & yarns or any material anyway coloured.
- Latest Design colour matching Cabinets for American buyers.
- Feather touch control panel is operator comforts.
- Latest microprocessor based controller for lights with auto sequencing for hands free operation. .
- Interior paint, matching with Munsell N/7, which strictly adheres to the American standards.
- Easy Foldable type metal sheet body helps in easy transportation & Installation.
- Supplied with inspection & calibration certificates.

## 6. TECHNICAL DETAILS OF *spectraLUX II*<sup>™</sup> (Digital)

### A. SPECIFICATIONS :

#### *DIMENSIONS*

Overall Dimensions of the Instrument	:	690 (L) x 570 (W) x 570 (H) mm. 27" (L) x 22.5" (W) x 22.5" (H) Inch.
Net Weight of the Instrument	:	23 Kg. (50.6 lbs)

### B. LIGHT SOURCES (ILLUMINANTS)

Artificial Daylight Fluorescent Lamps (D-65)	:	02 Nos. (20 W)
Tungsten Filament Lamps (Inc A Lamps)	:	01 No. (70 W)
Cool White Fluorescent Lamp (CWF)	:	01 No. (20 W)
Ultra LUME – 3000 (U-30)	:	01 No. (20 W)
Triphosphor Fluorescent Lamp (TL-84)	:	01 No. (18 W)
Ultra-Violet Black Lamp	:	01 No. (18 W)



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### C. COLOR TEMPERATURE (ILLUMINANTS)

D-65 LIGHT	6500 K (Average North Sky Day Light)
CWF LIGHT	4150 K (Typical Store/Office Lighting) (Wide Band Fluorescent) USA
U-30	3000 K (Commercial Fluorescent) USA
TL-84 LIGHT	4100 K (Commercial Fluorescent) EUROPE/USA
I NCA	2856 K (Typical Home / Accent Lighting) UK/France
U.V.B. LIGHT	Filtered Near UV

D. HOUR METER (Analog) 0 – 10000 Hrs; L/C : 1 Min.

## 7. RELATED STANDARDS

- BS 950
- DIN 6173
- M&S C1, C2 (CAC 60 + 150)

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