

TECHINCAL DETAILS

OF

spectraLUX II[™]

1. INTRODUCTION

spectraLUX-II[™] is the latest economical Colour Matching Booth as per 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. The booth has 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-II*[™] (**normal**) 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*[™] (**normal**) is fitted with Electronic/ballasts for Instant start & power saving. 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*[™]



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



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4. DETAILS OF THE ACCESSORIES SUPPLIED WITH *spectraLUX II*[™]



Main Unit



Tube Lights 06 Nos.



INCA 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[™] is Supplied Complete with below Accessories:

Main Unit	:	01 No.
Tube Lights	:	06 Nos.
INC A Bulb	:	01 No.
Dust Cover	:	01 No.
Plastic Cap Units to fix the Panels	:	04 Nos.
Mains Lead With Plug	:	01 No.
Detailed User's Manual	:	01 No.
Calibration Certificate (Traceable to NPL)	:	01 No.
Inspection & Conformance Certificate	:	01 No.



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5. SALIENT FEATURES

- Economical colour matching booth to access the colour matching of dyed or printed fabrics & yarns or any material anyway coloured.
- Economical colour matching Cabinets for American buyers.
- Control panel is ergonomically designed for operator comforts.
- Interior paint, matching with Munsell N/7, which strictly adheres to the American standards.
- Easy Foldable type metal sheet body eases transportation & Installation.
- Supplied with inspection & calibration certificates.

6. TECHNICAL DETAILS OF *spectraLUX II*™

A. SPECIFICATIONS :

Mains supply : 230V, 50 Hz (Single Phase)

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)

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. (75 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)
U-30	3000 K (Commercial Fluorescent) USA
TL-84 LIGHT	4100 K (Commercial Fluorescent) EUROPE
I NCA	2856 K (Typical Home / Accent Lighting)
U.V.B. LIGHT	Filtered Near UV
HOUR METER	: 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.



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